

|                   |  |          |
|-------------------|--|----------|
| <b>SAK-Series</b> | <b>SAK-Series TS 35</b>                          | <b>A</b> |
|                   | <b>SAK-Series TS 32</b>                          | <b>B</b> |
|                   | <b>SAK-Series combination foot TS 35 + TS 32</b> | <b>C</b> |
|                   | <b>SAK-Series for special applications</b>       | <b>D</b> |
|                   | <b>AKZ-Series TS 15</b>                          | <b>E</b> |
|                   | <b>Multi-pole terminal strips</b>                | <b>F</b> |
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|                   | <b>Busbars / Terminal rails</b>                  | <b>H</b> |
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|                 |   |          |
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## “SAK – A real classic that became synonymous with connection technology”



Weidmüller has an interesting story to tell about SAK terminals. SAK (German abbreviation for „side-by-side mountable terminals“) is the designation for a terminal that has proven itself on the market for more than 55 years. Using the side-by-side mounting principle, electrical terminals made of plastic replaced breakable porcelain constructions in switchgear cabinets.

One could as a result say: „SAK was the first family of terminals in the world that helped the electrical industry make a technological breakthrough“.

Further developments of the terminals and passive connection technology form the Weidmüller group’s traditional core business.

### **SAK wire connections – synonymous with reliable connections and product variety.**

This long-term experience in the market enabled many improvements to be made. Nobody can claim that any other terminal on this earth has had as much know-how put into it as the SAK.

A great deal of know-how has been put into the inconspicuous insulating body with „clamping function“ for electrical wires. This is because terminals have to withstand all kinds of unfavourable conditions. The connections system is chosen according to the respective application.

When looked at more closely, the demands made of an allegedly trivial component such as a terminal are considerable. Appropriately, the EN 60 947-7-1 defines terminals and cable connectors as equipment for connecting and joining electrical wires. Terminals can be mounted side-by-side or staggered, have two or several, independently functioning connection points, and are insulated both from one another and their mountings. They are mounted, for example, onto mounting rails.

Or

**“Once upon a time there was a company called Weidmüller that created the best terminals in the world using plastic and metal”.**

As well as joining the wiring, terminals are also equipped with further functions:

when fitted with markers, terminals make it possible to clearly arrange „electrical installations“. Moreover, they create a defined connection point that can be extended as required. From this point, the wiring is routed to individual devices in the switchgear cabinet or from the switchgear cabinet to the devices. Terminal blocks increase serviceability, because electrical measurements can be carried out on them, targeted circuits can be opened or protected with appropriate protective elements.

Furthermore, cross-connections can be used to distribute potentials.

A clamping yoke system is used for securing the wiring in SAK terminals (see figure 1). The tension clamp system optimally combines the specific features of steel and copper. This system has proven itself millions of times over in electrical installations: in rough and aggressive industrial atmospheres, in power stations, ships and railway vehicles as well as in building automation.

The clamping yoke and the terminal screw used in Weidmüller’s clamping yoke system are made from case-hardened steel.

The clamping yoke unit with a high-strength terminal screw produces the required contact force and presses the conductor against the busbar, which is made either of copper or high-quality brass. The latter being tin coated.

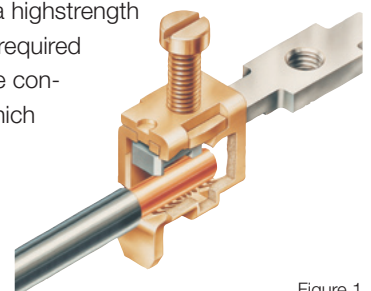


Figure 1

# High contact forces with the patented connection system



This ensures a „close fitting” and permanent contact with a low contact resistance. A gas-tight, vibration-resistant connection is created between the conductor and the busbar.

Because even a very good electrically conducting material is only as good as the contact force applied. Weidmüller's patented connection system guarantees high contact forces. This means that it is predestined for use in corrosion-promoting environments; in addition, it is maintenance free. A further aspect is mounting and maintenance on an international scale, made possible by the world-renowned screw connection. One decisive factor for a perfect terminal is the insulating material.

In order to meet the demands placed on terminals, it is necessary to use different insulating materials that are tailor-made for the application – thermoplastic or thermosetting plastic. All insulating materials used by Weidmüller are free from noxious substances and contain no paint pigments based on cadmium. The SAK family especially offers the option of specifically coordinating the terminals with material requirements in mind. In this case, Weidmüller offers the same construction with different insulation materials.

## Plastics for terminals – thermoplastics and thermosetting plastics

Thermal plastics are a polyamide (PA), and are one of the most frequently used technical plastics. The advantage of this material is its good electrical and mechanical characteristics, its flexibility and its lack of fracture susceptibility. In addition, this material offers good fire resistance due to its chemical structure without the need for added flameproofing substances. Engineers speak of a so-called „inherent flame protection”. The continuous operating temperature of the SAK range is 100 °C, and at the same time offering V2 fire resistance according to UL 94.

Thermosetting plastics possess high dimensional stability, absorb a negligible amount of water, have a very high tracking resistance and excellent fire resistance. The continuous operating temperature is higher in comparison with that of thermoplastics. With increased thermal load, the dimensional stability of thermosetting plastics is better than that of thermoplastics. Their disadvantage: Thermosetting plastics have less flexibility in comparison with thermoplastics.

A further advantage of the SAK family is the large choice of different locking mechanisms. Its mounting rail designs (MR) offer the user the highest possible degree of convenience: TS 35 and TS 32 as well as a combi foot.

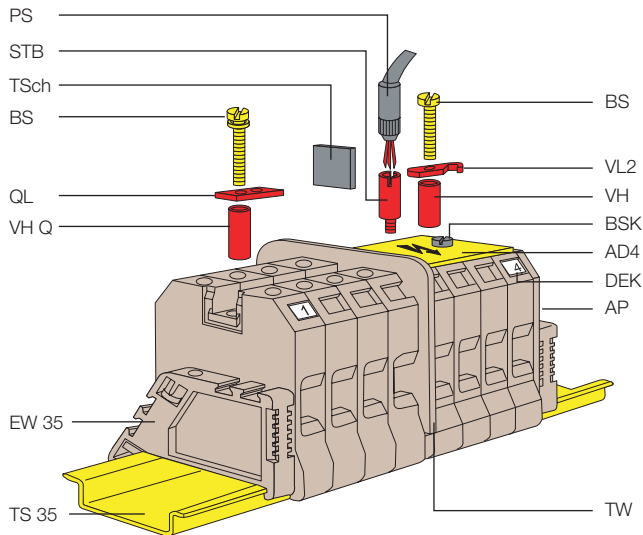
## Technical background to the screw connection

A spring element forms the basis for Weidmüller's clamping yoke. Turning the terminal screw expands the upper flank of thread slightly, and in so doing locks itself in position. This construction efficiently compensates all expansions in the diameter of the wire (temperature fluctuations).

This has the following advantages:  
of course the terminals age when in use; nevertheless, the terminal point does not yield. Consequently, it is not necessary to retighten the terminal screw at a later date nor does the wire become loose: it is resistant to vibration.

The voltage drop remains consistently low.  
Weidmüller's technology is completely maintenance free.

Separating the electrical and mechanical functions means that we use steel for a high contact force, and the good electrical conducting properties of copper for a low voltage drop.



**Legend**

|              |                       |
|--------------|-----------------------|
| <b>PS</b>    | Test plug             |
| <b>STB</b>   | Test socket screw     |
| <b>TSch</b>  | Small partition       |
| <b>BS</b>    | Fixing screw          |
| <b>QL</b>    | Cross-connection link |
| <b>VH Q</b>  | Connection sleeve     |
| <b>EW 35</b> | End brackets          |
| <b>TS 35</b> | Mounting rail         |
| <b>VL</b>    | Connection link       |
| <b>BSK</b>   | Fixing screw          |
| <b>AD 4</b>  | Cover                 |
| <b>DEK</b>   | Markers               |
| <b>AP</b>    | End plate             |
| <b>TW</b>    | Partition             |

The construction of the clamping yoke has been designed in such a manner to ensure that the connection between the wire and the busbar is gas-tight. The surface of the connection must make up at least 75 % of the surface as a whole. Electricity is conducted with 100 % efficiency at these points, because increased resistances due to soiling of the connection points do not arise. The SAK family is designed for wire cross-sections from 0.08 mm<sup>2</sup> to 240 mm<sup>2</sup>.

**A rundown on the SAK:**

- PA 6.6, KrG  
Two different materials that can be used, depending on the application, at 100 °C or 130 °C.
- Three different types of clip-on foot for mounting rail designs 32, 35 or a combination of both.
- Maintenance free and vibration-resistant There is no need to check the terminal point, because the patented clamping yoke construction ensures that the screws remain captive in the terminal.

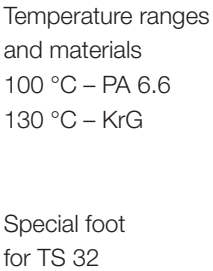
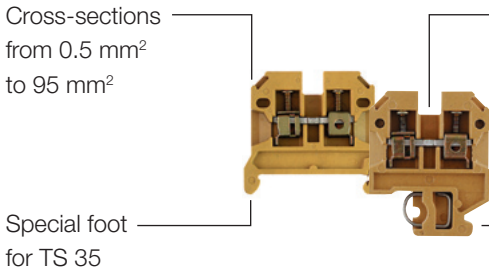
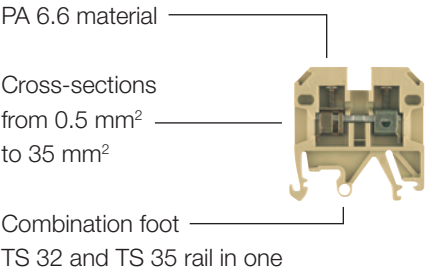
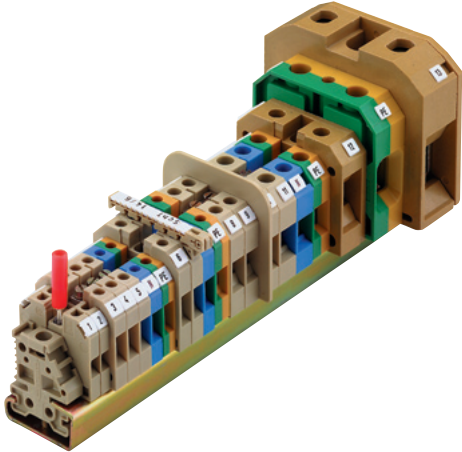
Separating the tasks completed by the components offers the following advantages:

- Low voltage drop and gas-tight enclosed (electrical components).  
Perfect busbars in combination with a special surface treatment in conjunction with a high interference-fit at the terminal point.
- High contact forces, not reliant on the cross-section (mechanical components).  
The clamping yoke is made of casehardened steel that, due to its design, can compensate any dimensional instability of the electrical wire.

# SAK-Series

**The advantages of all SAK modular terminals:**

- Separation of electrical and mechanical functions:
  - steel clamping yoke for the mechanical function
  - copper busbar for the electrical function
- Maintenance-free and vibration-proof screw connection
- Low voltage drop and gas-tight contact point
- High contact forces, not reliant on the cross-section
- Three different clip-on foot designs available
- Various insulation materials
- Large selection of special terminals with diverse connection systems
- Large range of accessories available



**Product range**

| Clamp type                            | Rated cross-section |                   |                   |                    |                    |                    | Flat blade connection | Push-on connection | Spring connection | Solder connection |
|---------------------------------------|---------------------|-------------------|-------------------|--------------------|--------------------|--------------------|-----------------------|--------------------|-------------------|-------------------|
|                                       | 2.5 mm <sup>2</sup> | 4 mm <sup>2</sup> | 6 mm <sup>2</sup> | 10 mm <sup>2</sup> | 16 mm <sup>2</sup> | 35 mm <sup>2</sup> |                       |                    |                   |                   |
| <b>Modular feed-through terminals</b> |                     |                   |                   |                    |                    |                    |                       |                    |                   |                   |
| PA 6.6 / TS 32                        | •                   | •                 | •                 | •                  | •                  | •                  |                       | •                  | •                 | •                 |
| KrG / TS 32                           | •                   | •                 | •                 | •                  | •                  | •                  | •                     | •                  | •                 | •                 |
| PA 6.6 / TS 35                        | •                   | •                 | •                 | •                  | •                  | •                  |                       | •                  | •                 | •                 |
| KrG / TS 35                           | •                   | •                 | •                 | •                  | •                  | •                  | •                     |                    |                   |                   |
| PA 6.6 / comb. foot                   | •                   | •                 | •                 | •                  | •                  | •                  |                       |                    |                   |                   |
| PA 6.6 / TS 15                        | •                   | •                 |                   |                    |                    |                    |                       | •                  |                   | •                 |
| Modular 2-tier terminals              |                     | •                 |                   |                    |                    |                    |                       |                    |                   |                   |
| <b>Modular PE terminals</b>           |                     |                   |                   |                    |                    |                    |                       |                    |                   |                   |
| PA 6.6 / TS 32                        | •                   | •                 |                   | •                  | •                  | •                  |                       |                    |                   |                   |
| PA 6.6 / TS 35                        | •                   | •                 | •                 | •                  | •                  | •                  |                       |                    |                   |                   |
| PA 6.6 / TS 15                        | •                   | •                 |                   |                    |                    |                    |                       |                    |                   |                   |
| <b>Modular fuse terminals</b>         |                     |                   |                   |                    |                    |                    |                       |                    |                   |                   |
| PA 6.6 / TS 32                        |                     |                   |                   | •                  |                    |                    |                       |                    |                   |                   |
| PA 6.6 / TS 35                        |                     |                   |                   | •                  |                    |                    |                       |                    |                   |                   |
| KrG / TS 32                           |                     |                   |                   | •                  | •                  |                    |                       |                    |                   |                   |
| KrG / TS 35                           |                     |                   |                   | •                  | •                  |                    |                       |                    |                   |                   |
| PA 6.6 / TS 15                        |                     | •                 |                   |                    |                    |                    |                       |                    |                   |                   |
| PA 6.6 / comb. foot                   |                     | •                 |                   |                    |                    |                    |                       |                    |                   |                   |
| <b>Modular 2-tier fuse terminals</b>  |                     |                   |                   |                    |                    |                    |                       |                    |                   |                   |
| PA 6.6 / TS 32                        |                     | •                 |                   |                    |                    |                    |                       |                    |                   |                   |
| PA 6.6 / TS 35                        |                     | •                 |                   |                    |                    |                    |                       |                    |                   |                   |
| PA 6.6 / comb. foot                   |                     | •                 |                   |                    |                    |                    |                       |                    |                   |                   |
| <b>Modular disconnect terminals</b>   |                     |                   |                   |                    |                    |                    |                       |                    |                   |                   |
| TS 35                                 |                     | •                 |                   | •                  |                    |                    |                       |                    |                   |                   |
| PA 6.6 / TS 15                        |                     | •                 |                   |                    |                    |                    |                       |                    |                   |                   |
| Modular 2-tier disconnect terminals   |                     | •                 |                   |                    |                    |                    |                       | •                  |                   |                   |
| Modular ceramic terminals             |                     | •                 |                   | •                  |                    |                    |                       |                    |                   |                   |



# SAK-Series TS 35

|  |      |
|--|------|
| <b>SAK-Series TS 35</b>                                    |      |
| <b>Feed-through modular terminals</b>                      |      |
| TS 35 / PA   | A.2  |
| TS 35 / KrG  | A.7  |
| <b>Terminals with spring-loaded cable clamps</b>           |      |
| TS 35 / PA   | A.11 |
| <b>Two-tier modular terminals</b>                          |      |
| TS 35 / PA   | A.12 |
| <b>Modular PE terminals</b>                                |      |
| TS 35 / PA   | A.14 |
| <b>Disconnect terminals</b>                                |      |
| TS 35 / PA   | A.18 |
| TS 35 / KrG  | A.20 |
| <b>Fuse terminals</b>                                      |      |
| TS 35 / PA   | A.22 |
| TS 35 / KrG  | A.24 |
| Fuse inserts and gauge rings for Weidmüller fuse terminals | A.28 |
| <b>Installation terminals</b>                              |      |
| TS 35 / PA   | A.30 |
| <b>Test-disconnect terminals</b>                           |      |
| TS 35 / KrG  | A.32 |
| <b>Terminals for temperature measuring circuits</b>        |      |
| TS 35 / PA   | A.34 |
| <b>Terminals with screw-less connections</b>               |      |
| With tab connection TS 35 / PA                             | A.36 |
| With solder connection TS 35 / PA                          | A.40 |
| <b>Special terminals – SAKG</b>                            |      |
| TS 35 / KrG  | A.42 |
| <b>Stud Terminal – KST</b>                                 |      |
| TS 35 / PA   | A.48 |
| <b>Terminals with electronic components</b>                |      |
| TS 35 / PA   | A.50 |
| <b>Earth conductor isolating terminals</b>                 | A.57 |

## Feed-through modular terminals

## TS 35 / PA

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


## Technical data

|   |                 |
|---|-----------------|
| <b>Rated data</b>                                       |                 |
| Rated voltage   | V               |
| Rated current   | A               |
| Rated cross-section                                     | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity              | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class          |                 |
| Approvals   |                 |
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| Tightening torque range (clamping screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| <b>Note</b>   |                 |

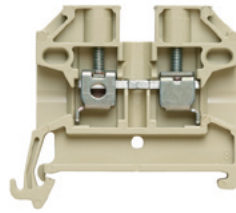
## Ordering data

|                |       |
|----------------|-------|
| <b>Version</b> |       |
|                | beige |
|                | Blue  |
| <b>Note</b>    |       |

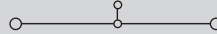
## Accessories

|   |                          |
|---|--------------------------|
| <b>Screwable cross-connection</b>   |                          |
|   | 2-pole                   |
|   | 3-pole                   |
|   | 4-pole                   |
|   | 10-pole                  |
|                        | Connecting sleeve        |
|   | Mounting screw           |
|   | Lock washer              |
| <b>Switchable link</b>  |                          |
|   | Switchable link          |
|   | Connecting sleeve        |
|   | Mounting screw           |
| <b>Testing / Checking</b>   |                          |
|   | Test plug                |
|   | Socket                   |
| <b>End plate / Partition plate</b>  |                          |
|   | beige                    |
|   | Blue                     |
|   | beige                    |
|   | Blue                     |
| <b>Small partition</b>  |                          |
|   | Small partition          |
| <b>Cover / warning label</b>  |                          |
|   | Cover / warning label    |
|   | Mounting screw (plastic) |
| <b>Marking systems</b> (see assortment in catalogue 7)  |                          |
|   | Marking tags             |
| <b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b> |                          |

## SAKD 2.5/35

2.5 mm<sup>2</sup>

5 x 44 x 38  
**30 / 4**  
**0.33...4**



IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 500     | 300         | 300         |
| 24      | 20          | 20          |
| 2.5     | AWG 22...12 | AWG 22...12 |
| 6 / 3   |             |             |
| A2 / V2 |             |             |



## Rated connection

|                      |
|----------------------|
| 0.5...4 / 0.5...4    |
| 0.5...4 / 0.5...2.5  |
| 0.4...0.6 Nm (M 2.5) |
| 10 / 0.6 x 3.5 mm    |

|                         |                 |
|-------------------------|-----------------|
| 0.5...0.75              | mm <sup>2</sup> |
| 0.5...0.75 / 0.5...0.75 | mm <sup>2</sup> |

With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAKD 2.5/35    | 100  | 0268860000 |
| SAKD 2.5/35 BL | 100  | 0268880000 |

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| Q 2 SAKD2.5N  | 24 A    | 50   | 0367800000 |
| Q 3 SAKD2.5N  | 24 A    | 50   | 0367900000 |
| Q 4 SAKD2.5N  | 24 A    | 50   | 0368000000 |
| Q 10 SAKD2.5N | 24 A    | 20   | 0368100000 |

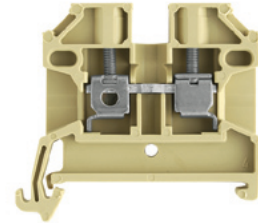
|                         | Width  |    |            |
|-------------------------|--------|----|------------|
| PS 2.3 RT               | 5.4 mm | 20 | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50 | 0215700000 |

|                |        |    |            |
|----------------|--------|----|------------|
| AP SAKD2.5N    | 1.5 mm | 20 | 0150960000 |
| AP SAKD2.5N BL | 1.5 mm | 20 | 0150980000 |
| TW SAKD2.5N    | 1.5 mm | 20 | 0191860000 |
| TW SAKD2.5N BL | 1.5 mm | 20 | 0191880000 |

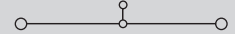
|                  |      |     |            |
|------------------|------|-----|------------|
| TSCH 3 SAKD2.5 N | 5 mm | 100 | 0366860000 |
|------------------|------|-----|------------|

DEK 5/5 / SCHT 7

## SAK 2.5

2.5 mm<sup>2</sup>

6.1 x 44.5 x 40  
**41 / 6**  
**0.13...6**



IEC 60947-7-1

Ex e ll  II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 800     | 600         | 600         | 550        |
| 24      | 20          | 25          | 21         |
| 2.5     | AWG 22...12 | AWG 26...10 | 2.5        |
| 8 / 3   |             |             |            |
| A3 / V2 |             |             |            |



KEMA 97ATEX1798 U

## Rated connection

|                      |
|----------------------|
| 0.5...6 / 0.5...4    |
| 0.5...4 / 0.5...4    |
| 0.4...0.6 Nm (M 2.5) |
| 10 / 0.6 x 3.5 mm    |

|                         |                 |
|-------------------------|-----------------|
| 0.5...0.75              | mm <sup>2</sup> |
| 0.5...0.75 / 0.5...0.75 | mm <sup>2</sup> |

With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAK 2.5/35    | 100  | 0380460000 |
| SAK 2.5/35 BL | 100  | 0380480000 |

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| Q 2 SAK2.5  | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5  | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5  | 41 A    | 50   | 0337200000 |
| Q 10 SAK2.5 | 41 A    | 20   | 0368700000 |

|                         | Width  |    |            |
|-------------------------|--------|----|------------|
| PS 2.3 RT               | 5.4 mm | 20 | 0180400000 |
| STB 8.5/5/2.3/M3 SAK2.5 |        | 50 | 0280600000 |

|              |        |    |            |
|--------------|--------|----|------------|
| AP SAK2.5    | 1.5 mm | 20 | 0279560000 |
| AP SAK2.5 BL | 1.5 mm | 20 | 0279580000 |
| TW SAK2.5    | 2.5 mm | 20 | 0302860000 |
| TW SAK2.5 BL | 1.5 mm | 20 | 0302880000 |

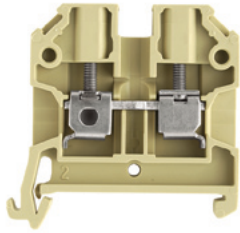
|        |      |     |            |
|--------|------|-----|------------|
| TSCH 1 | 2 mm | 100 | 0319160000 |
|--------|------|-----|------------|

|                  |  |     |            |
|------------------|--|-----|------------|
| AD 3 SAK2.5      |  | 50  | 0297900000 |
| BFSC M3x22 PA/RT |  | 100 | 0128900000 |

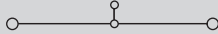
DEK 5/6 / SCHT 7

SAK 4

4 mm<sup>2</sup>



6.5 x 45 x 44  
41 / 6  
0.13...6



IEC 60947-7-1 Ex e ll II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 800     | 600         | 600         | 550        |
| 32      | 30          | 36          | 28         |
| 4       | AWG 22...12 | AWG 26...10 | 4          |
| 8 / 3   |             |             |            |
| A4 / V2 |             |             |            |

KEMA 97ATEX1798 U

**Rated connection**

0.5...6 / 0.5...4

0.5...4 / 0.5...4

0.5...1.0 Nm (M 3)

12 / 0.6 x 3.5 mm

1.5...1.5

0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

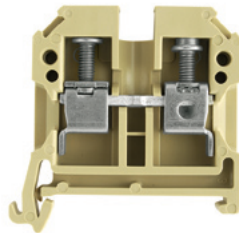
| Type        | Qty. | Order No.  |
|-------------|------|------------|
| SAK 4/35    | 100  | 0443660000 |
| SAK 4/35 BL | 100  | 0443680000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
|                         |         |      |            |
|                         |         |      |            |
| VL 2 SAK4               | 32 A    | 50   | 0197000000 |
| VH 19/5/3.5 SAK4-16     |         | 50   | 0285100000 |
| BFSC M3X25              |         | 100  | 0292500000 |
| Width                   |         |      |            |
| PS 4 F.STB 4            | 7.6 mm  | 20   | 0299600000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
|                         |         |      |            |
| AP SAK4-10              | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL           | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10            | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL         | 1.5 mm  | 20   | 0130180000 |
|                         |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
|                         |         |      |            |
| AD 4 SAK4               |         | 50   | 0285300000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |

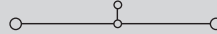
DEK 5/6.5 / SCHAT 7

SAK 6

6 mm<sup>2</sup>



8 x 45 x 44  
57 / 10  
0.33...10



IEC 60947-7-1 Ex e ll II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 800     | 600        | 600        | 550        |
| 41      | 40         | 47         | 36         |
| 6       | AWG 22...8 | AWG 20...8 | 6          |
| 8 / 3   |            |            |            |
| A5 / V2 |            |            |            |

KEMA 97ATEX1798 U

**Rated connection**

0.5...10 / 0.5...6

0.5...10 / 0.5...6

0.8...1.6 Nm (M 3.5)

12 / 4.0 x 0.8 mm

For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAK 6/35 PA    | 100  | 0380560000 |
| SAK 6/35 PA/BL | 100  | 0380580000 |

With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used.

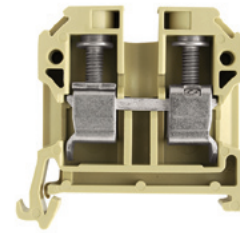
| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK6N            | 32 A    | 50   | 0456700000 |
| Q 3 SAK6N            | 57 A    | 50   | 0456800000 |
| Q 4 SAK6N            | 57 A    | 50   | 0456900000 |
| Q 10 SAK6N           | 32 A    | 20   | 0457000000 |
|                      |         |      |            |
|                      |         |      |            |
| VL 2 SAK6N/SAKT      | 32 A    | 50   | 0194700000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
|                      |         |      |            |
| AP SAK4-10           | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL        | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10         | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL      | 1.5 mm  | 20   | 0130180000 |
|                      |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
|                      |         |      |            |
| AD 4 SAK6N           |         | 50   | 0196600000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

DEK 5/8 / SCHAT 7

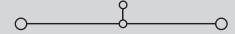
When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

SAK 10

10 mm<sup>2</sup>



10 x 45 x 51.5  
76 / 16  
1.5...16



IEC 60947-7-1 Ex e ll II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 800     | 600        | 600        | 550        |
| 57      | 60         | 65         | 50         |
| 10      | AWG 14...6 | AWG 16...6 | 10         |
| 8 / 3   |            |            |            |
| B6 / V2 |            |            |            |

KEMA 97ATEX1798 U

**Rated connection**

1.5...10 / 1.5...16

1.5...16 / 1.5...10

2.0...4.0 Nm (M 4)

12 / 1.0 x 5.5 mm

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAK 10/35    | 100  | 0443760000 |
| SAK 10/35 BL | 100  | 0443780000 |

A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK10            | 57 A    | 50   | 0457100000 |
| Q 3 SAK10            | 57 A    | 50   | 0457200000 |
| Q 4 SAK10            | 57 A    | 50   | 0457300000 |
| Q 10 SAK10           | 57 A    | 20   | 0457400000 |
|                      |         |      |            |
|                      |         |      |            |
| VL 2 SAK6/10/SAKB    | 32 A    | 50   | 0135900000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
|                      |         |      |            |
| AP SAK4-10           | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL        | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10         | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL      | 1.5 mm  | 20   | 0130180000 |
|                      |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
|                      |         |      |            |
| AD 4 SAK10           |         | 50   | 0178600000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

DEK 5/5

## Feed-through modular terminals

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


## Technical data

| Rated data  |                 |
|---|-----------------|
| Rated voltage   | V               |
| Rated current   | A               |
| Rated cross-section                                     | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity              | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class          |                 |
| Approvals   |                 |
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| Tightening torque range (clamping screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| <b>Note</b>   |                 |

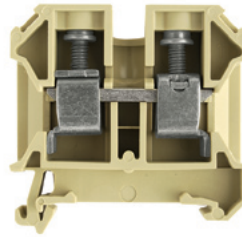
## Ordering data

| Version     |       |
|-------------|-------|
|             | beige |
|             | Blue  |
| <b>Note</b> |       |

## Accessories

| Screwable cross-connection   |                                 |
|--|---------------------------------|
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
|                 | Connecting sleeve               |
|  | Mounting screw                  |
|  | Lock washer                     |
| Switchable link  |                                 |
|  | Switchable link                 |
|  | Connecting sleeve               |
|  | Mounting screw                  |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| End plate / Partition plate  |                                 |
|  | beige                           |
|  | Blue                            |
|  | beige                           |
|  | Blue                            |
| Small partition  |                                 |
|  | Small partition                 |
| Cover / warning label  |                                 |
|  | Cover / warning label           |
|  | Mounting screw (plastic)        |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

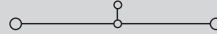
## SAK 16

16 mm<sup>2</sup>

12 x 50 x 57.5

76 / 16

2.5...16

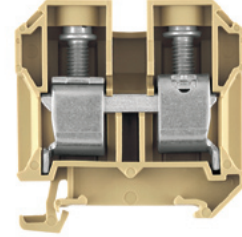


| IEC 60947-7-1                                      | UL         | CSA        | EN 60079-7 |
|--|------------|------------|------------|
| 1000   | 600        | 600        | 690        |
| 76   | 80         | 87         | 66         |
| 16   | AWG 12...4 | AWG 14...6 | 16         |
| 8 / 3  |            |            |            |
| B6 / V2  |            |            |            |
| KEMA 97ATEX1798 U                                  |            |            |            |
| Rated connection                                   |            |            |            |
| 2.5...16 / 4...16                                  |            |            |            |
| 4...16 / 4...16                                    |            |            |            |
| 2.0...4.0 Nm (M 4)                                 |            |            |            |
| 15 / 1.0 x 5.5 mm                                  |            |            |            |
| Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |            |            |            |

| Type  | Qty. | Order No.  |
|---|------|------------|
| SAK 16/35 PA  | 50   | 0380660000 |
| SAK 16/35 PA/BL   | 50   | 0380680000 |
| If QIs are aligned side by side, then a TW/AP must be used. |      |            |

| Type                 | current | Qty.       | Order No.  |
|----------------------|---------|------------|------------|
| Q 2 SAK16            | 76 A    | 50         | 0457500000 |
| Q 3 SAK16            | 76 A    | 50         | 0457600000 |
| Q 4 SAK16            | 76 A    | 50         | 0457700000 |
| Q 10 SAK16           | 76 A    | 20         | 0457800000 |
| Width                |         |            |            |
| PS 4 F.STB 4         | 7.6 mm  | 20         | 0299600000 |
| STB 14/D6/4/M3 SAK10 | 50      | 0169900000 |            |
| AP SAK16             | 1.5 mm  | 20         | 0271160000 |
| AP SAK16 BL          | 1.5 mm  | 20         | 0271180000 |
| TSCH 1               | 2 mm    | 100        | 0319160000 |
| AD 4 SAK16           | 50      | 0518200000 |            |
| BFSC M3X22 PA/RT     | 100     | 0128900000 |            |
| DEK 5/5              |         |            |            |

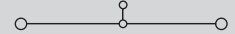
## SAK 35/35

35 mm<sup>2</sup>

18 x 58 x 60

150 / 50

2.5...50



| IEC 60947-7-1   | UL         | CSA        | EN 60079-7 |
|---|------------|------------|------------|
| 1000  | 600        | 600        | 550        |
| 125   | 105        | 145        | 109        |
| 35  | AWG 12...2 | AWG 12...2 | 35         |
| 8 / 3   |            |            |            |
| B8 / V2   |            |            |            |
| KEMA 97ATEX1798 U   |            |            |            |
| Rated connection  |            |            |            |
| 2.5...16 / 4...50   |            |            |            |
| 2.5...35 / 2.5...35   |            |            |            |
| 4.0...5.0 Nm (M 6)  |            |            |            |
| 18 / 6.5 x 1.2 mm   |            |            |            |
| 2.5...10 / 10...16  |            |            |            |
| 2.5...16 / 2.5...16   |            |            |            |
| The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |            |            |            |

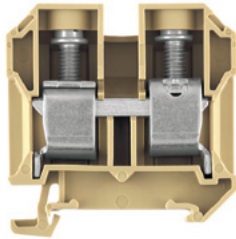
| Type   | Qty. | Order No.  |
|--|------|------------|
| SAK 35/35  | 20   | 0380760000 |
| SAK 35/35 BL   | 20   | 0380780000 |
| It is possible to use twin ferrules with identical rated voltages (LAB 13090). |      |            |

| Type  | current | Qty.       | Order No.  |
|---|---------|------------|------------|
| QL 2 SAK35  | 110 A   | 20         | 0123600000 |
| QL 3 SAK35  | 110 A   | 20         | 0123700000 |
| QL 4 SAK35  | 110 A   | 20         | 0123800000 |
| QL 10 SAK35   | 110 A   | 20         | 0338600000 |
| VH 17/8/5 SAK35   | 50      | 0267000000 |            |
| BFSC M4X30  | 50      | 0267100000 |            |
| SS M4 D 128-A 4   | 100     | 0136400000 |            |
| Width   |         |            |            |
| VL 2 SAK35  | 50      | 0124000000 |            |
| VH 24.5/8/5 SAK35   | 50      | 0298700000 |            |
| BFSC M4X35  | 50      | 0298900000 |            |
| PS 4 F.STB 4  | 7.6 mm  | 20         | 0299600000 |
| STB 16/D7/4/M4 SAK35  | 50      | 0140200000 |            |
| AP SAK35/TW SAK16   | 1.5 mm  | 10         | 0303660000 |
| AP SAK35/TW SAK16 BL  | 1.5 mm  | 10         | 0303680000 |
| TW SAK35  | 1.5 mm  | 20         | 0304360000 |
| AD 4 SAK35  | 50      | 0178700000 |            |
| BFSC M4X32 PA/RT  | 100     | 0129100000 |            |
| DEK 5/5 / SCHT 7  |         |            |            |
| If QIs are aligned side by side, then a TW/AP must be used. |         |            |            |

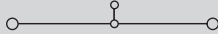
**SAK 35/35/IK**

**35 mm<sup>2</sup>**

Hexagon socket head screw



18 x 58 x 60  
**150 / 50**  
**2.5...50**



IEC 60947-7-1 Ex e II II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 1000    | 600        | 600        | 550        |
| 125     | 105        | 145        | 109        |
| 35      | AWG 12...2 | AWG 12...2 | 35         |
| 8 / 3   |            |            |            |
| B8 / V2 |            |            |            |

KEMA 97ATEX1798 U

| Rated connection  |  |
|---|--|
| 2.5...16 / 4...50   |  |
| 2.5...35 / 2.5...35   |  |
| 4.0...6.0 Nm (M 6)  |  |
| 18 / S4 (DIN 6911)  |  |
|   |  |
| 2.5...10 / 10...16  |  |
| 2.5...16 / 2.5...16   |  |
| The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |  |

| Type         | Qty. | Order No.         |
|--------------|------|-------------------|
| SAK 35/35/IK | 20   | <b>0582460000</b> |

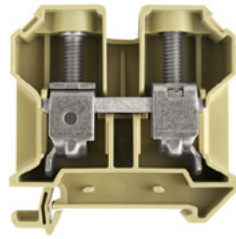
It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type  | current | Qty. | Order No.         |
|---|---------|------|-------------------|
| QL 2 SAK35  | 99 A    | 20   | <b>0123600000</b> |
| QL 3 SAK35  | 99 A    | 20   | <b>0123700000</b> |
| QL 4 SAK35  | 99 A    | 20   | <b>0123800000</b> |
| QL 10 SAK35   | 99 A    | 20   | <b>0338600000</b> |
| VH 17/8/5 SAK35   | 50      | 50   | <b>0267000000</b> |
| BFSC M4X30  | 50      | 50   | <b>0267100000</b> |
| SS M4 D 128-A 4   | 100     | 100  | <b>0136400000</b> |
|   |         |      |                   |
| VL 2 SAK35  | 119 A   | 50   | <b>0124000000</b> |
| VH 24.5/8/5 SAK35   | 50      | 50   | <b>0298700000</b> |
| BFSC M4X35  | 50      | 50   | <b>0298900000</b> |
| Width   |         |      |                   |
| PS 4 F.STB 4  | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 16/D7/4/M4 SAK35  | 50      | 50   | <b>0140200000</b> |
|   |         |      |                   |
| AP SAK35/TW SAK16   | 1.5 mm  | 10   | <b>0303660000</b> |
| AP SAK35/TW SAK16 BL  | 1.5 mm  | 10   | <b>0303680000</b> |
| TW SAK35  | 1.5 mm  | 20   | <b>0304360000</b> |
|   |         |      |                   |
| AD 4 SAK35  | 50      | 50   | <b>0178700000</b> |
| BFSC M4X32 PA/RT  | 100     | 100  | <b>0129100000</b> |
|   |         |      |                   |
| DEK 5/5   |         |      |                   |
| If QIs are aligned side by side, then a TW/AP must be used. |         |      |                   |

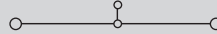
**SAK 35N/35**

**35 mm<sup>2</sup>**

Hexagon socket head screw



16 x 58 x 60  
**150 / 50**  
**2.5...50**



IEC 60947-7-1

| IEC     | UL         | CSA        |
|---------|------------|------------|
| 1000    | 600        | 600        |
| 125     | 105        | 120        |
| 35      | AWG 12...2 | AWG 12...2 |
| 8 / 3   |            |            |
| B8 / V2 |            |            |

| Rated connection  |  |
|---|--|
| 2.5...16 / 4...50   |  |
| 2.5...35 / 1.5...35   |  |
| 4.0...5.0 Nm (M 6)  |  |
| 18 / 6.5 x 1.2 mm   |  |
|   |  |
| 2.5...10 / 10...16  |  |
| 2.5...16 / 2.5...16   |  |
| The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |  |

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAK 35N/35 | 20   | <b>0608260000</b> |

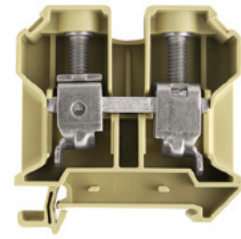
It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type  | current | Qty. | Order No.         |
|---|---------|------|-------------------|
| QL 2 SAK35N   | 110 A   | 50   | <b>0564900000</b> |
| QL 3 SAK35N   | 110 A   | 50   | <b>0565000000</b> |
| QL 4 SAK35N   | 110 A   | 50   | <b>0565100000</b> |
| QL 10 SAK35N  | 110 A   | 20   | <b>0565200000</b> |
| VH 17/8/5 SAK35   | 50      | 50   | <b>0267000000</b> |
| BFSC M4X30  | 50      | 50   | <b>0267100000</b> |
| SS M4 D 128-A 4   | 100     | 100  | <b>0136400000</b> |
|   |         |      |                   |
| Width   |         |      |                   |
| PS 4 F.STB 4  | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 16/D7/4/M4 SAK35  | 50      | 50   | <b>0140200000</b> |
|   |         |      |                   |
| AP SAK35/TW SAK16   | 1.5 mm  | 10   | <b>0303660000</b> |
| AP SAK35/TW SAK16 BL  | 1.5 mm  | 10   | <b>0303680000</b> |
| TW SAK35  | 1.5 mm  | 20   | <b>0304360000</b> |
|   |         |      |                   |
| AD 4 SAK35N   | 50      | 50   | <b>0576700000</b> |
| BFSC M4X32 PA/RT  | 100     | 100  | <b>0129100000</b> |
|   |         |      |                   |
| DEK 5/5   |         |      |                   |
| If QIs are aligned side by side, then a TW/AP must be used. |         |      |                   |

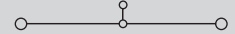
**SAK 35N/35/IK**

**35 mm<sup>2</sup>**

Hexagon socket head screw



16 x 58 x 60  
**150 / 50**  
**2.5...50**



IEC 60947-7-1

| IEC     | UL         | CSA        |
|---------|------------|------------|
| 1000    | 600        | 600        |
| 125     | 105        | 120        |
| 35      | AWG 12...2 | AWG 12...2 |
| 8 / 3   |            |            |
| B8 / V2 |            |            |

| Rated connection  |  |
|---|--|
| 2.5...16 / 4...50   |  |
| 2.5...35 / 1.5...35   |  |
| 4.0...6.0 Nm (M 6)  |  |
| 18 / S4 (DIN 6911)  |  |
|   |  |
| 2.5...10 / 10...16  |  |
| 2.5...16 / 2.5...16   |  |
| The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |  |

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAK 35N/35/IK | 20   | <b>0608360000</b> |

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type  | current | Qty. | Order No.         |
|---|---------|------|-------------------|
| QL 2 SAK35N   | 99 A    | 50   | <b>0564900000</b> |
| QL 3 SAK35N   | 99 A    | 50   | <b>0565000000</b> |
| QL 4 SAK35N   | 99 A    | 50   | <b>0565100000</b> |
| QL 10 SAK35N  | 99 A    | 20   | <b>0565200000</b> |
| VH 17/8/5 SAK35   | 50      | 50   | <b>0267000000</b> |
| BFSC M4X30  | 50      | 50   | <b>0267100000</b> |
| SS M4 D 128-A 4   | 100     | 100  | <b>0136400000</b> |
|   |         |      |                   |
| Width   |         |      |                   |
| PS 4 F.STB 4  | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 16/D7/4/M4 SAK35  | 50      | 50   | <b>0140200000</b> |
|   |         |      |                   |
| AP SAK35/TW SAK16   | 1.5 mm  | 10   | <b>0303660000</b> |
| AP SAK35/TW SAK16 BL  | 1.5 mm  | 10   | <b>0303680000</b> |
| TW SAK35  | 1.5 mm  | 20   | <b>0304360000</b> |
|   |         |      |                   |
| AD 4 SAK35N   | 50      | 50   | <b>0576700000</b> |
| BFSC M4X32 PA/RT  | 100     | 100  | <b>0129100000</b> |
|   |         |      |                   |
| DEK 5/5   |         |      |                   |
| If QIs are aligned side by side, then a TW/AP must be used. |         |      |                   |

## Feed-through modular terminals

## TS 35 / PA

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


## Technical data

|   |                 |
|---|-----------------|
| <b>Rated data</b>                                       |                 |
| Rated voltage   | V               |
| Rated current   | A               |
| Rated cross-section                                     | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity              | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class          |                 |
| Approvals   |                 |
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| Tightening torque range (clamping screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| <b>Note</b>   |                 |

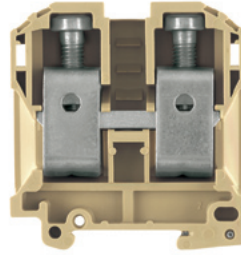
## Ordering data

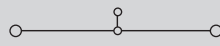
|                |       |
|----------------|-------|
| <b>Version</b> |       |
|                | beige |
|                | Blue  |
| <b>Note</b>    |       |

## Accessories


|   |                          |
|---|--------------------------|
| <b>Screwable cross-connection</b>   |                          |
|   | 2-pole                   |
|   | 3-pole                   |
|   | 4-pole                   |
|   | 10-pole                  |
|                        | Connecting sleeve        |
|   | Mounting screw           |
|   | Lock washer              |
| <b>Switchable link</b>  |                          |
|   | Switchable link          |
|   | Connecting sleeve        |
|   | Mounting screw           |
| <b>Testing / Checking</b>   |                          |
|   | Test plug                |
|   | Socket                   |
| <b>End plate / Partition plate</b>  |                          |
|   | beige                    |
|   | Blue                     |
|   | beige                    |
|   | Blue                     |
| <b>Small partition</b>  |                          |
|   | Small partition          |
| <b>Cover / warning label</b>  |                          |
|   | Cover / warning label    |
|   | Mounting screw (plastic) |
| <b>Marking systems</b> (see assortment in catalogue 7)  |                          |
|   | Marking tags             |
| <b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b> |                          |

## SAK 70/35

70 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 22 x 75 x 87    |  |
| <b>192 / 70</b> |  |
| <b>16...70</b>  |  |

IEC 60947-7-1

|   |             |             |
|---|-------------|-------------|
| <b>IEC</b>  | <b>UL</b>   | <b>CSA</b>  |
| 1000  | 600         | 600         |
| 192   | 150         | 150         |
| 70  | AWG 4...2/0 | AWG 4...2/0 |
| 8 / 3   |             |             |
| B11 / V2  |             |             |
|  |             |             |
| <b>Rated connection</b>   |             |             |
| 16...16 / 16...70   |             |             |
| 16...70 / 16...35   |             |             |
| 6.0...12 Nm (M 8)   |             |             |
| 24 / S6 (DIN 6911)  |             |             |
| <b>Note</b>   |             |             |
| Tightening torque for 70 mm <sup>2</sup> stranded = 12 Nm.                        |             |             |

|             |             |                  |
|-------------|-------------|------------------|
| <b>Type</b> | <b>Qty.</b> | <b>Order No.</b> |
| SAK 70/35   | 10          | 0139160000       |

|                      |                |             |                  |
|----------------------|----------------|-------------|------------------|
| <b>Type</b>          | <b>current</b> | <b>Qty.</b> | <b>Order No.</b> |
| QL 2 SAK70           | 192 A          | 20          | 0345300000       |
| QL 3 SAK70           | 192 A          | 5           | 0167000000       |
| <b>Width</b>         |                |             |                  |
| VH 30.5/11/5.5 SAK70 |                | 20          | 0345500000       |
| BFSC M5X45           |                | 20          | 0345600000       |
| SS M5 D 128-A 5      |                | 50          | 0346100000       |
| <b>Width</b>         |                |             |                  |
| PS 4 F.STB 4         | 7.6 mm         | 20          | 0299600000       |
| STB 16/D7/4/M5 SAK70 |                | 50          | 0385400000       |
| AP SAK70/35          | 2 mm           | 10          | 0340960000       |
| <b>Width</b>         |                |             |                  |
| AD 3 SAK70           |                | 10          | 0344300000       |
| BFSC M5X45 PA/NA     |                | 50          | 0344400000       |
| <b>Width</b>         |                |             |                  |
| DEK 5/5              |                |             |                  |

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

Ordering data

| Version |               |
|---------|---------------|
|         | Medium yellow |
|         | Blue          |
| Note    |               |

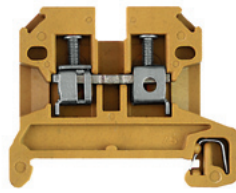
Accessories

| Screwable cross-connection   |                                 |
|--|---------------------------------|
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
|  | Connecting sleeve               |
|  | Mounting screw                  |
|  | Lock washer                     |
| Switchable link  |                                 |
|  | Switchable link                 |
|  | Connecting sleeve               |
|  | Mounting screw                  |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| End plate / Partition plate  |                                 |
|  | Medium yellow                   |
|  | Blue                            |
|  | Medium yellow                   |
|  | Blue                            |
| Small partition  |                                 |
|  | Small partition                 |
| Cover / warning label  |                                 |
|  | Cover / warning label           |
|  | Mounting screw (plastic)        |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |



SAK 2.5

2.5 mm<sup>2</sup>



|                 |  |
|-----------------|--|
| 6.1 x 49.5 x 40 |  |
| <b>32 / 6</b>   |  |
| <b>0.13...6</b> |  |

| IEC 60947-7-1  |             |             |            | Ex e ll Ex II 2 G D |             |             |            |
|--|-------------|-------------|------------|---------------------|-------------|-------------|------------|
| IEC  | UL          | CSA         | EN 60079-7 | IEC                 | UL          | CSA         | EN 60079-7 |
| 800  | 600         | 600         | 550        | 800                 | 600         | 600         | 550        |
| 24   | 20          | 25          | 21         | 32                  | 30          | 36          | 28         |
| 2.5  | AWG 22...12 | AWG 26...10 | 2.5        | 4                   | AWG 22...12 | AWG 26...10 | 4          |
|  |             |             |            | 8 / 3               |             |             |            |
|  |             |             |            | A3 / 5VA            |             |             |            |
|  |             |             |            | KEMA 97ATEX1798 U   |             |             |            |
| Rated connection   |             |             |            |                     |             |             |            |
| 0.5...6 / 0.5...4  |             |             |            |                     |             |             |            |
| 0.5...4 / 0.5...2.5  |             |             |            |                     |             |             |            |
| 0.4...0.6 Nm (M 2.5)   |             |             |            |                     |             |             |            |
| 10 / 0.6 x 3.5 mm  |             |             |            |                     |             |             |            |
| With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V. |             |             |            |                     |             |             |            |

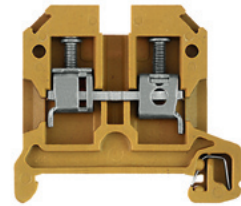
| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| SAK 2.5/35 KRG    | 100  | 0380420000 |
| SAK 2.5/35 KRG/BL | 100  | 0380470000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK2.5              | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5              | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5              | 41 A    | 50   | 0337200000 |
| Q 10 SAK2.5             | 41 A    | 20   | 0368700000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/5/2.3/M3 SAK2.5 |         | 50   | 0280600000 |
| AP SAK2.5 KRG           | 1.5 mm  | 20   | 0279520000 |
| AP SAK2.5 KRG BL        | 1.5 mm  | 20   | 0279570000 |
| TW SAK2.5 KRG           | 2.5 mm  | 20   | 0302820000 |
| TW SAK2.5 KRG/BL        | 2.5 mm  | 20   | 0302870000 |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |

|                  |
|------------------|
| DEK 5/6 / SCHT 7 |
|------------------|

SAK 4

4 mm<sup>2</sup>



|                 |  |
|-----------------|--|
| 6.5 x 45 x 44   |  |
| <b>41 / 6</b>   |  |
| <b>0.13...6</b> |  |

| IEC 60947-7-1  |             |             |            | Ex e ll Ex II 2 G D |             |             |            |
|--|-------------|-------------|------------|---------------------|-------------|-------------|------------|
| IEC  | UL          | CSA         | EN 60079-7 | IEC                 | UL          | CSA         | EN 60079-7 |
| 800  | 600         | 600         | 550        | 800                 | 600         | 600         | 550        |
| 32   | 30          | 36          | 28         | 32                  | 30          | 36          | 28         |
| 4  | AWG 22...12 | AWG 26...10 | 4          | 4                   | AWG 22...12 | AWG 26...10 | 4          |
|  |             |             |            | 8 / 3               |             |             |            |
|  |             |             |            | A4 / 5VA            |             |             |            |
|  |             |             |            | KEMA 97ATEX1798 U   |             |             |            |
| Rated connection   |             |             |            |                     |             |             |            |
| 0.5...6 / 0.5...4  |             |             |            |                     |             |             |            |
| 0.5...4 / 0.5...4  |             |             |            |                     |             |             |            |
| 0.5...1.0 Nm (M 3)   |             |             |            |                     |             |             |            |
| 12 / 0.6 x 3.5 mm  |             |             |            |                     |             |             |            |
| With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V. |             |             |            |                     |             |             |            |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| SAK 4/35 KRG    | 100  | 0443620000 |
| SAK 4/35 KRG/BL | 100  | 0443670000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| VL 2 SAK4               | 32 A    | 50   | 0197000000 |
| VH 19/5/3.5 SAK4-16     |         | 50   | 0285100000 |
| BFSC M3X25              |         | 100  | 0292500000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| AP SAK4-10 KRG          | 1.5 mm  | 20   | 0117920000 |
| AP SAK4-10 KRG/BL       | 1.5 mm  | 20   | 0117970000 |
| TW SAK4-10 KRG          | 2.5 mm  | 20   | 0130120000 |
| TW SAK4-10 KRG/BL       | 2.5 mm  | 20   | 0130170000 |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| AD 4 SAK4               |         | 50   | 0285300000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |

|                    |
|--------------------|
| DEK 5/6,5 / SCHT 7 |
|--------------------|

## Feed-through modular terminals

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|  |                 |
|--|-----------------|
| <b>Rated data</b>                              |                 |
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| <b>Clamped conductors (H05V/H07V)</b>          |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| <b>Note</b>                                    |                 |

## Ordering data

|                |               |
|----------------|---------------|
| <b>Version</b> |               |
|                | Medium yellow |
|                | Blue          |
| <b>Note</b>    |               |

## Accessories

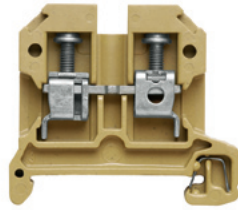
|                                    |                          |
|------------------------------------|--------------------------|
| <b>Screwable cross-connection</b>  |                          |
|                                    | 2-pole                   |
|                                    | 3-pole                   |
|                                    | 4-pole                   |
|                                    | 10-pole                  |
|                                    | Connecting sleeve        |
|                                    | Mounting screw           |
|                                    | Lock washer              |
| <b>Switchable link</b>             |                          |
|                                    | Switchable link          |
|                                    | Connecting sleeve        |
|                                    | Mounting screw           |
| <b>Testing / Checking</b>          |                          |
|                                    | Test plug                |
|                                    | Socket                   |
| <b>End plate / Partition plate</b> |                          |
|                                    | Medium yellow            |
|                                    | Blue                     |
|                                    | Medium yellow            |
|                                    | Blue                     |
| <b>Small partition</b>             |                          |
|                                    | Small partition          |
| <b>Cover / warning label</b>       |                          |
|                                    | Cover / warning label    |
|                                    | Mounting screw (plastic) |

**Marking systems** (see assortment in catalogue 7)

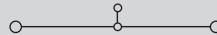
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## SAK 6

6 mm<sup>2</sup>

8 x 45 x 44  
**57 / 10**  
**0.33...10**



|  |            |            |                   |       |          |
|--|------------|------------|-------------------|-------|----------|
| IEC 60947-7-1  | Ex e ll    |            |                   | Ex ll | II 2 G D |
| <b>IEC</b>   | <b>UL</b>  | <b>CSA</b> | <b>EN 60079-7</b> |       |          |
| 800  | 600        | 600        | 550               |       |          |
| 41   | 40         | 47         | 36                |       |          |
| 6  | AWG 22...8 | AWG 20...8 | 6                 |       |          |
| 8 / 3  |            |            |                   |       |          |
| A5 / 5VA   |            |            |                   |       |          |
| KEMA 97ATEX1798 U  |            |            |                   |       |          |
| <b>Rated connection</b>                                  |            |            |                   |       |          |
| 0.5...10 / 0.5...6                                       |            |            |                   |       |          |
| 0.5...10 / 0.5...6                                       |            |            |                   |       |          |
| 0.8...1.6 Nm (M 3.5)                                     |            |            |                   |       |          |
| 12 / 4.0 x 0.8 mm  |            |            |                   |       |          |
| For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm |            |            |                   |       |          |

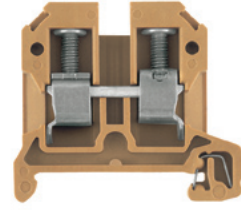
|   |             |                   |
|---|-------------|-------------------|
| <b>Type</b>   | <b>Qty.</b> | <b>Order No.</b>  |
| SAK 6/35 KRG  | 100         | <b>0380520000</b> |
| SAK 6/35 KRG/BL   | 100         | <b>0380570000</b> |
| With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used. |             |                   |

|                      |                |             |                   |
|----------------------|----------------|-------------|-------------------|
| <b>Type</b>          | <b>current</b> | <b>Qty.</b> | <b>Order No.</b>  |
| Q 2 SAK6N            | 57 A           | 50          | <b>0456700000</b> |
| Q 3 SAK6N            | 57 A           | 50          | <b>0456800000</b> |
| Q 4 SAK6N            | 57 A           | 50          | <b>0456900000</b> |
| Q 10 SAK6N           | 57 A           | 20          | <b>0457000000</b> |
| <b>Width</b>         |                |             |                   |
| PS 4 F.STB 4         | 7.6 mm         | 20          | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |                | 50          | <b>0169900000</b> |
| <b>Width</b>         |                |             |                   |
| VL 2 SAK6N/SAKT      |                | 50          | <b>0194700000</b> |
| VH 19/5/3.5 SAK4-16  |                | 50          | <b>0285100000</b> |
| BFSC M3X25           |                | 100         | <b>0292500000</b> |
| <b>Width</b>         |                |             |                   |
| AP SAK4-10 KRG       | 1.5 mm         | 20          | <b>0117920000</b> |
| AP SAK4-10 KRG/BL    | 1.5 mm         | 20          | <b>0117970000</b> |
| TW SAK4-10 KRG       | 2.5 mm         | 20          | <b>0130120000</b> |
| TW SAK4-10 KRG/BL    | 2.5 mm         | 20          | <b>0130170000</b> |
| <b>Width</b>         |                |             |                   |
| TSCH 1               | 2 mm           | 100         | <b>0319160000</b> |
| <b>Width</b>         |                |             |                   |
| AD 4 SAK6N           |                | 50          | <b>0196600000</b> |
| BFSC M3X22 PA/RT     |                | 100         | <b>0128900000</b> |

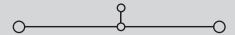
DEK 5/8 / SCHT 7

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

## SAK 10

10 mm<sup>2</sup>

10 x 45 x 51.5  
**76 / 16**  
**1.5...16**



|   |            |            |                   |       |          |
|---|------------|------------|-------------------|-------|----------|
| IEC 60947-7-1   | Ex e ll    |            |                   | Ex ll | II 2 G D |
| <b>IEC</b>  | <b>UL</b>  | <b>CSA</b> | <b>EN 60079-7</b> |       |          |
| 800   | 600        | 600        | 550               |       |          |
| 57  | 60         | 65         | 50                |       |          |
| 10  | AWG 14...6 | AWG 16...6 | 10                |       |          |
| 8 / 3   |            |            |                   |       |          |
| B6 / 5VA  |            |            |                   |       |          |
| KEMA 97ATEX1798 U   |            |            |                   |       |          |
| <b>Rated connection</b>   |            |            |                   |       |          |
| 1.5...10 / 1.5...16   |            |            |                   |       |          |
| 1.5...16 / 1.5...10   |            |            |                   |       |          |
| 2.0...4.0 Nm (M 4)  |            |            |                   |       |          |
| 12 / 1.0 x 5.5 mm   |            |            |                   |       |          |
| When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V. |            |            |                   |       |          |

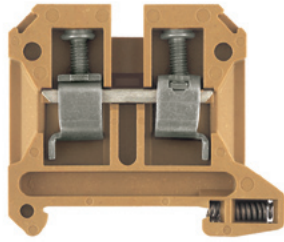
|   |             |                   |
|---|-------------|-------------------|
| <b>Type</b>   | <b>Qty.</b> | <b>Order No.</b>  |
| SAK 10/35 KRG   | 100         | <b>0443720000</b> |
| SAK 10/35 KRG/BL  | 100         | <b>0443770000</b> |
| A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors. |             |                   |

|                      |                |             |                   |
|----------------------|----------------|-------------|-------------------|
| <b>Type</b>          | <b>current</b> | <b>Qty.</b> | <b>Order No.</b>  |
| Q 2 SAK10            | 57 A           | 50          | <b>0457100000</b> |
| Q 3 SAK10            | 57 A           | 50          | <b>0457200000</b> |
| Q 4 SAK10            | 57 A           | 50          | <b>0457300000</b> |
| Q 10 SAK10           | 57 A           | 20          | <b>0457400000</b> |
| <b>Width</b>         |                |             |                   |
| VL 2 SAK6/10/SAKB    | 32 A           | 50          | <b>0135900000</b> |
| VH 19/5/3.5 SAK4-16  |                | 50          | <b>0285100000</b> |
| BFSC M3X25           |                | 100         | <b>0292500000</b> |
| <b>Width</b>         |                |             |                   |
| PS 4 F.STB 4         | 7.6 mm         | 20          | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |                | 50          | <b>0169900000</b> |
| <b>Width</b>         |                |             |                   |
| AP SAK4-10 KRG       | 1.5 mm         | 20          | <b>0117920000</b> |
| AP SAK4-10 KRG/BL    | 1.5 mm         | 20          | <b>0117970000</b> |
| TW SAK4-10 KRG       | 2.5 mm         | 20          | <b>0130120000</b> |
| TW SAK4-10 KRG/BL    | 2.5 mm         | 20          | <b>0130170000</b> |
| <b>Width</b>         |                |             |                   |
| TSCH 1               | 2 mm           | 100         | <b>0319160000</b> |
| <b>Width</b>         |                |             |                   |
| AD 4 SAK10           |                | 50          | <b>0178600000</b> |
| BFSC M3X22 PA/RT     |                | 100         | <b>0128900000</b> |

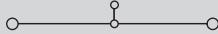
DEK 5/5

SAK 16

16 mm<sup>2</sup>



12 x 50 x 57.5  
76 / 16  
2.5...16



IEC 60947-7-1

Ex e II II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 1000     | 600        | 600        | 690        |
| 76       | 80         | 87         | 66         |
| 16       | AWG 12...4 | AWG 14...6 | 16         |
| 8 / 3    |            |            |            |
| B6 / 5VA |            |            |            |

KEMA 97ATEX1798 U

**Rated connection**

2.5...16 / 4...16  
4...16 / 4...16  
2.0...4.0 Nm (M 4)  
15 / 1.0 x 5.5 mm

Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAK 16/35 KRG | 50   | 0380620000 |

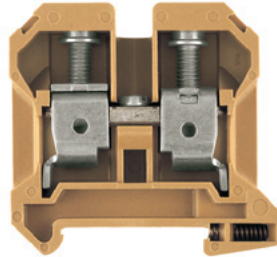
If QIs are aligned side by side, then a TW/AP must be used.

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK16            | 76 A    | 50   | 0457500000 |
| Q 3 SAK16            | 76 A    | 50   | 0457600000 |
| Q 4 SAK16            | 76 A    | 50   | 0457700000 |
| Q 10 SAK16           | 76 A    | 20   | 0457800000 |
| <b>Width</b>         |         |      |            |
| VL 2 SAK16/SAKA      | 57 A    | 50   | 0135800000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| <b>Width</b>         |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
| AP SAK16 KRG         | 3 mm    | 20   | 0271120000 |
| TW SAK16 KRG         | 3 mm    | 20   | 0281120000 |
| <b>Width</b>         |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
| AD 4 SAK16           |         | 50   | 0518200000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

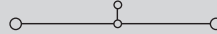
DEK 5/5

SAK 35N/35

35 mm<sup>2</sup>



16 x 58 x 60  
125 / 50  
2.5...50



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 1000     | 600        | 600        |
| 125      | 105        | 120        |
| 35       | AWG 12...2 | AWG 12...2 |
| 8 / 3    |            |            |
| B8 / 5VA |            |            |

**Rated connection**

2.5...16 / 4...50  
2.5...35 / 1.5...35  
4.0...5.0 Nm (M 6)  
18 / 6.5 x 1.2 mm

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAK 35N/35 KRG | 20   | 0608220000 |

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35N          | 110 A   | 50   | 0564900000 |
| QL 3 SAK35N          | 110 A   | 50   | 0565000000 |
| QL 4 SAK35N          | 110 A   | 50   | 0565100000 |
| QL 10 SAK35N         | 110 A   | 20   | 0565200000 |
| VH 17/8/5 SAK35      |         | 50   | 0267000000 |
| BFSC M4X30           |         | 50   | 0267100000 |
| SS M4 D 128-A 4      |         | 100  | 0136400000 |
| <b>Width</b>         |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 |         | 50   | 0140200000 |
| AP SAK35 KRG         | 3 mm    | 10   | 0303620000 |
| AP SAK35 KRG/BL      | 3 mm    | 10   | 0303670000 |
| TW SAK35 KRG         | 3 mm    | 20   | 0304320000 |
| <b>Width</b>         |         |      |            |
| AD 4 SAK35           |         | 50   | 0178700000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

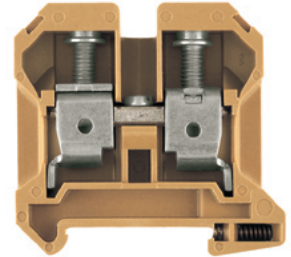
DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

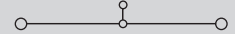
SAK 35N/35/IK

35 mm<sup>2</sup>

Hexagon socket head screw



16 x 58 x 60  
125 / 50  
2.5...50



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 1000     | 600        | 600        |
| 125      | 105        | 120        |
| 35       | AWG 12...2 | AWG 12...2 |
| 8 / 3    |            |            |
| B8 / 5VA |            |            |

**Rated connection**

2.5...16 / 4...50  
2.5...35 / 1.5...35  
4.0...6.0 Nm (M 6)  
18 / S4 (DIN 6911)

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| SAK 35N/35/IK KRG    | 20   | 0608320000 |
| SAK 35N/35/IK KRG/BL | 20   | 0608370000 |

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35N          | 99 A    | 50   | 0564900000 |
| QL 3 SAK35N          | 99 A    | 50   | 0565000000 |
| QL 4 SAK35N          | 99 A    | 50   | 0565100000 |
| QL 10 SAK35N         | 99 A    | 20   | 0565200000 |
| VH 17/8/5 SAK35      |         | 50   | 0267000000 |
| BFSC M4X30           |         | 50   | 0267100000 |
| SS M4 D 128-A 4      |         | 100  | 0136400000 |
| <b>Width</b>         |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 |         | 50   | 0140200000 |
| AP SAK35 KRG         | 3 mm    | 10   | 0303620000 |
| AP SAK35 KRG/BL      | 3 mm    | 10   | 0303670000 |
| TW SAK35 KRG         | 3 mm    | 20   | 0304320000 |
| <b>Width</b>         |         |      |            |
| AD 4 SAK35N          |         | 50   | 0576700000 |
| BFSC M4X32 PA/RT     |         | 100  | 0129100000 |

DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

## Feed-through modular terminals

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

Medium yellow  
Blue

## Note

## Accessories

## Screwable cross-connection



2-pole  
3-pole  
4-pole  
10-pole  
Connecting sleeve  
Mounting screw  
Lock washer

## Switchable link

Switchable link  
Connecting sleeve  
Mounting screw

## Testing / Checking

Test plug  
Socket

## End plate / Partition plate

Medium yellow  
Blue  
Medium yellow  
Blue

## Small partition

Small partition

## Cover / warning label

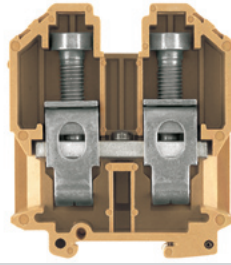
Cover / warning label  
Mounting screw (plastic)

## Marking systems (see assortment in catalogue 7)

Marking tags

## For detailed information on other accessories and applications, refer to the „Accessories“ section

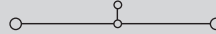
## SAK 95/35

95 mm<sup>2</sup>

28 x 87.9 x 96.5

269 / 120

16...120



IEC 60947-7-1

| IEC       | UL          | CSA         |
|-----------|-------------|-------------|
| 1000      | 600         | 600         |
| 232       | 190         | 200         |
| 95        | AWG 6...4/0 | AWG 6...4/0 |
| 8 / 3     |             |             |
| B12 / 5VA |             |             |



## Rated connection

|                    |
|--------------------|
| 16...16 / 10...120 |
| 16...95 / 10...95  |
| 16...20 Nm (M 10)  |
| 30 / S8 (DIN 6911) |

Ribbon cable (segmented ribbon) can be connected ranging from 3 to 6 segments of 0.8x9 mm, up to 6 segments of 0.8x16 mm and up to 6 segments of 0.5x13 mm.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAK 95/35 KRG | 10   | 0662220000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| QL 2 SAKG28         | 125 A   | 10   | 0551200000 |
| QL 3 SAKG28         | 232 A   | 5    | 0407600000 |
| QL 4 SAKG28         | 125 A   | 5    | 0407700000 |
| VH 35/11/5.5 SAK95  |         | 10   | 0551100000 |
| KISC M5X50/26 SAK95 |         | 20   | 0630200000 |
| SS M5 D 128-A 5     |         | 50   | 0346100000 |

|                      | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| PS 4 F.STB 4         | 7.6 mm | 20   | 0299600000 |
| STB 16/D7/4/M5 SAK70 |        | 50   | 0385400000 |

|                 |      |    |            |
|-----------------|------|----|------------|
| AP SAK95 KRG    | 3 mm | 10 | 0550920000 |
| AP SAK95 KRG/BL | 3 mm | 10 | 0550970000 |

|                  |    |            |
|------------------|----|------------|
| ADP 3/HP3 1M     | 20 | 0485400000 |
| BFSC M5X45 PA/NA | 50 | 0344400000 |

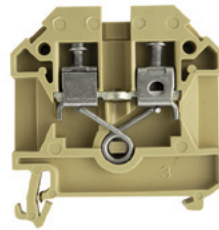
DEK 5/5 / SCHT 7

Holder HP 3 0485760000 for the ADP 3-Profil.

TS 35 / PA

RSF 3/35

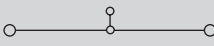
4 mm<sup>2</sup>



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

|                 |
|-----------------|
| 8 x 50 x 60     |
| <b>32 / 4</b>   |
| <b>0.33...4</b> |



Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 690 | 600         | 600         |
| 32  | 20          | 25          |
| 4   | AWG 22...12 | AWG 22...12 |
|     | 6 / 3       |             |
|     | / V2        |             |


| Rated connection   |  |
|--------------------|--|
| 0.5...4 / 0.5...4  |  |
| 0.5...4 / 0.5...4  |  |
| 0.5...1.0 Nm (M 3) |  |
| 12 / 0.6 x 3.5 mm  |  |

Ordering data

| Version |
|---------|
| beige   |
| Note    |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| RSF 3/35 | 50   | 9501160000 |

Accessories

| Screwable cross-connection   |                   |
|--|-------------------|
|                 | 2-pole            |
|  | 3-pole            |
|  | 4-pole            |
|  | 10-pole           |
|  | Connecting sleeve |
| Mounting screw   |                   |
| Lock washer  |                   |
| Switchable link  |                   |
| Switchable link  |                   |
| Connecting sleeve  |                   |
| Mounting screw   |                   |
| Testing / Checking   |                   |
| Test plug  |                   |
| Socket   |                   |
| End plate / Partition plate  |                   |
| beige  |                   |
| beige  |                   |
| Small partition  |                   |
| Small partition  |                   |
| Cover / warning label  |                   |
| Cover / warning label  |                   |
| Marking systems  |                   |
| (see assortment in catalogue 7)  |                   |
| Marking tags   |                   |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                   |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAK6N              | 57 A    | 50   | 0194300000 |
| QL 3 SAK6N              | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N              | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N             | 57 A    | 20   | 0338300000 |
| VH 13.5/4.9/3.3 SAK4    |         | 100  | 0248500000 |
| KISC M3X20.5/10 EK4     |         | 100  | 0303000000 |
| SS M3 D 128-A 3         |         | 50   | 0164400000 |
| VL 2 SAK6N/SAKT         |         | 50   | 0194700000 |
| VH 21/5/3.5 SAK16-35    |         | 50   | 0309600000 |
| BFSC M3X30              |         | 50   | 0296200000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| AP RSF3                 | 3 mm    | 10   | 0270460000 |
| TW AST1/PA HP/DBR/0.5   | 0.5 mm  | 20   | 0474700000 |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| ADP 2/HP2 1M            |         | 36   | 0485300000 |
| DEK 5/5                 |         |      |            |

## Two-tier modular terminals

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


## Technical data

| Rated data                                       |                 |
|--|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Note   |                 |

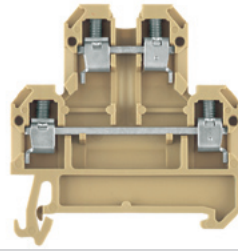
## Ordering data

| Version |       |
|---------|-------|
|         | beige |
|         | Blue  |
| Note    |       |

## Accessories

| Screwable cross-connection   |                                 |
|--|---------------------------------|
|                 | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| End plate / Partition plate  |                                 |
|  | beige                           |
|  | Blue                            |
|  | Dark beige Wemid                |
| Small partition  |                                 |
|  | Small partition                 |
| Cover / warning label  |                                 |
|  | Cover / warning label           |
|  | Mounting screw (plastic)        |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## DK 4/35

4 mm<sup>2</sup>

|                 |   |
|-----------------|---|
| 6 x 50 x 60.5   |  |
| <b>41 / 6</b>   |   |
| <b>0.13...6</b> |   |

IEC 60947-7-1

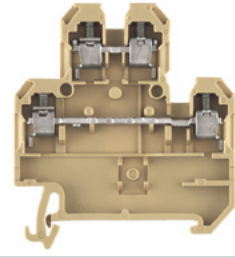
| IEC  | UL          | CSA         |
|--|-------------|-------------|
| 500  | 300         | 300         |
| 32   | 27          | 10          |
| 4  | AWG 22...12 | AWG 26...12 |
| 6 / 3  |             |             |
| A3 / V2  |             |             |
| Rated connection   |             |             |
| 0.5...6 / 0.5...4  |             |             |
| 0.5...4 / 0.5...2.5  |             |             |
| 0.5...0.8 Nm (M 3)   |             |             |
| 8 / 0.6 x 3.5 mm   |             |             |
| 0.5...1.5  |             |             |
| 0.5...1.5 / 0.5...1.5  |             |             |
| With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V. |             |             |

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| DK 4/35    | 100  | <b>0527660000</b> |
| DK 4/35 BL | 100  | <b>0527680000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
| Q 10 AKZ4               | 32 A    | 20   | <b>0368600000</b> |
| Width                   |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
| AP DK4                  | 1.5 mm  | 20   | <b>0359260000</b> |
| AP DK4 BL               | 1.5 mm  | 20   | <b>0359280000</b> |
| WTW EN                  | 3 mm    | 20   | <b>1058800000</b> |
| TSCH 6 DKI S4           | 5 mm    | 100  | <b>0190260000</b> |
| AD 3 SAK2.5             |         | 50   | <b>0297900000</b> |
| BFSC M2.5X18 PA/RT      |         | 100  | <b>0303300000</b> |

|         |
|---------|
| DEK 5/6 |
|---------|

## DK 4 Q/35

4 mm<sup>2</sup>

|                 |   |
|-----------------|---|
| 6 x 50 x 60.5   |  |
| <b>41 / 6</b>   |   |
| <b>0.13...6</b> |   |

IEC 60947-7-1

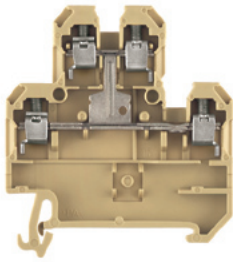
| IEC  | UL          | CSA         |
|--|-------------|-------------|
| 500  | 300         | 300         |
| 32   | 27          | 10          |
| 4  | AWG 22...12 | AWG 26...12 |
| 6 / 3  |             |             |
| A3 / V2  |             |             |
| Rated connection   |             |             |
| 0.5...6 / 0.5...4  |             |             |
| 0.5...4 / 0.5...2.5  |             |             |
| 0.5...0.8 Nm (M 3)   |             |             |
| 8 / 0.6 x 3.5 mm   |             |             |
| 0.5...1.5  |             |             |
| 0.5...1.5 / 0.5...1.5  |             |             |
| With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V. |             |             |

| Type        | Qty. | Order No.         |
|-------------|------|-------------------|
| DK 4Q/35    | 100  | <b>0590160000</b> |
| DK 4Q/35 BL | 100  | <b>0590180000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
| Q 10 AKZ4               | 32 A    | 20   | <b>0368600000</b> |
| Width                   |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
| AP DK4Q                 | 1.5 mm  | 20   | <b>1397160000</b> |
| AP DK4Q BL              | 1.5 mm  | 20   | <b>1397180000</b> |
| WTW EN                  | 3 mm    | 20   | <b>1058800000</b> |
| TSCH 6 DKI S4           | 5 mm    | 100  | <b>0190260000</b> |
| AD 3 SAK2.5             |         | 50   | <b>0297900000</b> |
| BFSC M2.5X18 PA/RT      |         | 100  | <b>0303300000</b> |

|         |
|---------|
| DEK 5/6 |
|---------|

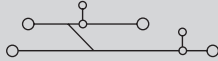
DK 4 QV/35

4 mm<sup>2</sup>

6 x 54 x 40.5

41 / 6

0.13...6



IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 | 300         | 300         |
| 32  | 27          | 10          |
| 4   | AWG 22...12 | AWG 26...12 |
|     | 6 / 3       |             |
|     | A3 / V2     |             |

**Rated connection**

0.5...6 / 0.5...4

0.5...4 / 0.5...2.5

0.5...0.8 Nm (M 3)

8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| DK 4QV/35    | 100  | 0363660000 |
| DK 4QV/35 BL | 100  | 0363680000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4Q                 | 1.5 mm  | 20   | 1397160000 |
| AP DK4Q BL              | 1.5 mm  | 20   | 1397180000 |
| WTW EN                  | 3 mm    | 20   | 1058800000 |
| TSCH 6 DKI S4           | 5 mm    | 100  | 0190260000 |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M2.5X18 PA/RT      |         | 100  | 0303300000 |

DEK 5/6

## Modular PE terminals

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data   |                 |
|--|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjacent terminal                   | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Short-time withstand current                         |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / UL94 Flammability class       |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| solid / stranded                                     | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules           | mm <sup>2</sup> |
| Tightening torque range (clamping screw)             |                 |
| Tightening torque range (fixing screw)               |                 |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version      |
|--------------|
| green/yellow |
| Note         |

## Accessories

| Rail support |
|--------------|
|--------------|

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## EK 2.5/35

2.5 mm<sup>2</sup>

6 x 56.5 x 40  
/ 6  
0.33...6



IEC 60947-7-2

| IEC | UL                         | CSA         |
|-----|----------------------------|-------------|
| 2.5 | AWG 22...12                | AWG 26...10 |
| 800 |                            |             |
| 8   |                            |             |
|     | 480 A (4 mm <sup>2</sup> ) |             |
|     | 3                          |             |
|     | A3 / V2                    |             |



## Rated connection

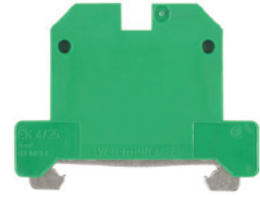
|                      |
|----------------------|
| 0.5...6 / 0.5...4    |
| 0.5...4 / 0.5...2.5  |
| 0.4...0.6 Nm (M 2.5) |
| 0.4...0.6 Nm         |
| 10 / 0.6 x 3.5 mm    |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| EK 2.5/35 | 100  | 0661060000 |

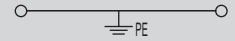
| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

DEK 5/6

## EK 4/35

4 mm<sup>2</sup>

6.5 x 56.5 x 44  
/ 6  
0.33...6



IEC 60947-7-2

| IEC | UL                         | CSA         |
|-----|----------------------------|-------------|
| 4   | AWG 22...12                | AWG 26...10 |
| 800 |                            |             |
| 8   |                            |             |
|     | 720 A (6 mm <sup>2</sup> ) |             |
|     | 3                          |             |
|     | A4 / V2                    |             |



## Rated connection

|                    |
|--------------------|
| 0.5...6 / 0.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...1.0 Nm (M 3) |
| 0.5...1.0 Nm       |
| 12 / 0.6 x 3.5 mm  |

| Type    | Qty. | Order No.  |
|---------|------|------------|
| EK 4/35 | 100  | 0661160000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

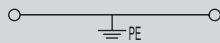
DEK 5/6,5

**EK 6/35**

**6 mm<sup>2</sup>**



8 x 56.5 x 44  
/ 10  
**0.5...10**



IEC 60947-7-2

| IEC | UL                         | CSA        |
|-----|----------------------------|------------|
| 6   | AWG 22...8                 | AWG 20...8 |
| 800 |                            |            |
| 8   |                            |            |
|     | 720 A (6 mm <sup>2</sup> ) |            |
|     | 3                          |            |
|     | A5 / V2                    |            |



**Rated connection**

0.5...10 / 1.5...6  
0.5...10 / 0.5...6  
0.8...1.6 Nm (M 3.5)  
0.5...1.0 Nm  
12 / 4.0 x 0.8 mm

For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm

| Type    | Qty. | Order No.         |
|---------|------|-------------------|
| EK 6/35 | 100  | <b>0661260000</b> |

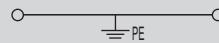
| Type | Width | Qty. | Order No.         |
|------|-------|------|-------------------|
| SH 2 | 40 mm | 10   | <b>0494920000</b> |

**EK 10**

**10 mm<sup>2</sup>**



10 x 56 x 45  
/ 10  
**0.5...10**



IEC 60947-7-2

| IEC | UL                           | CSA        |
|-----|------------------------------|------------|
| 10  | AWG 14...6                   | AWG 14...6 |
| 800 |                              |            |
| 8   |                              |            |
|     | 1200 A (10 mm <sup>2</sup> ) |            |
|     | 3                            |            |
|     | B6 / V2                      |            |



**Rated connection**

0.5...10 / 1.5...6  
0.5...10 / 0.5...10  
1.2...2.4 Nm (M 4)  
0.5...1.0 Nm  
12 / 1.0 x 5.5 mm

| Type     | Qty. | Order No.         |
|----------|------|-------------------|
| EK 10/35 | 100  | <b>0661360000</b> |

| Type | Width | Qty. | Order No.         |
|------|-------|------|-------------------|
| SH 2 | 40 mm | 10   | <b>0494920000</b> |

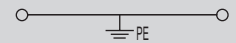
DEK 5/5

**EK 16**

**16 mm<sup>2</sup>**



12 x 56 x 50  
/ 16  
**2.5...16**



IEC 60947-7-2

| IEC | UL                           | CSA        |
|-----|------------------------------|------------|
| 16  | AWG 10...6                   | AWG 10...4 |
| 800 |                              |            |
| 8   |                              |            |
|     | 1920 A (16 mm <sup>2</sup> ) |            |
|     | 3                            |            |
|     | B6 / V2                      |            |



**Rated connection**

2.5...16 / 2.5...16  
2.5...16 / 4...16  
2.0...4.0 Nm (M 4)  
0.5...1.0 Nm  
16 / 1.0 x 5.5 mm

| Type     | Qty. | Order No.         |
|----------|------|-------------------|
| EK 16/35 | 50   | <b>0190160000</b> |

| Type | Width | Qty. | Order No.         |
|------|-------|------|-------------------|
| SH 2 | 40 mm | 10   | <b>0494920000</b> |

DEK 5/5

## Modular PE terminals

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 Max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

Rated cross-section mm<sup>2</sup>  
 Rated voltage to adjacent terminal V  
 Rated impulse withstand voltage to adjacent terminal kV  
 Short-time withstand current  
 Pollution severity  
 Gauge to IEC 60947-1 / UL94 Flammability class  
 Approvals

## Clamped conductors (H05V/H07V)

solid / stranded mm<sup>2</sup>  
 flexible / Stranded wire with end ferrules mm<sup>2</sup>  
 Tightening torque range (clamping screw)  
 Tightening torque range (fixing screw)  
 Stripping length / Blade size mm/-

## Note

## Ordering data

## Version

green/yellow

## Note

## Accessories

## Rail support

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## EK 35/35

35 mm<sup>2</sup>

16 x 58 x 60  
 / 50  
 6...50



IEC 60947-7-2

| IEC | UL                           | CSA        |
|-----|------------------------------|------------|
| 35  | AWG 6...2                    | AWG 12...2 |
| 800 |                              |            |
| 8   |                              |            |
|     | 4200 A (35 mm <sup>2</sup> ) |            |
|     | 3                            |            |
|     | B9 / V2                      |            |



## Rated connection

6...16 / 16...50  
 10...35 / 10...35  
 4.0...6.0 Nm (M 6)  
 1.2...2.4 Nm  
 20 / 6.5 x 1.2 mm

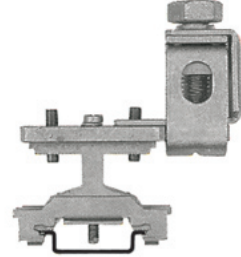
Use the TS 35x15/2.3 for 35 - 50 mm<sup>2</sup> conductors. For AWG 2/7 and H07V-R50, torque is 6 Nm.

| Type     | Qty. | Order No.  |
|----------|------|------------|
| EK 35/35 | 20   | 0661460000 |

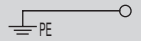
| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

DEK 5/5

## EK 95/35

95 mm<sup>2</sup>

25 x 76.5 x 90.5  
 / 120  
 10...120



IEC 60947-7-2

| IEC | UL                            | CSA |
|-----|-------------------------------|-----|
| 95  |                               |     |
| 8   |                               |     |
|     | 11400 A (95 mm <sup>2</sup> ) |     |
|     | 3                             |     |
|     | B12 / ---                     |     |

## Rated connection

10...16 / 10...95  
 16...95 / 10...95  
 10...20 Nm (M 10)  
 1.2...2.4 Nm  
 27 /

Tightening torque for stranded conductors of 35 mm<sup>2</sup> and larger = 16 Nm

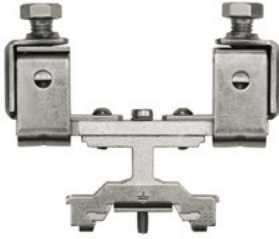
| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| EK 95/35/1ZB BK | 10   | 0535300000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

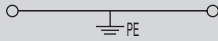
To fix the terminals use the copper rail TS35 order no. 0270100000.

SAKE 70/35

70 mm<sup>2</sup>



18 x 94 x 59.5  
/ 70  
10...70



IEC 60947-7-2

| IEC | UL        | CSA |
|-----|-----------|-----|
| 70  |           |     |
|     |           |     |
|     |           |     |
|     |           |     |
|     | B10 / --- |     |

**Rated connection**

10...16 / 10...70  
10...70 / 10...70  
6.0...12 Nm (M 8)  
2.0...4.0 Nm  
25 /

When connecting with stranded conductors  $\geq 50$  mm<sup>2</sup> and 12 Nm tightening torque. Test current 8,4 kA to IK carried out via copper terminal rail

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| EK 70/35/M.2ZB O.IK | 10   | 1338300000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

Use the steel TS 35x15/2.3 for 35 - 50 mm<sup>2</sup> conductors. Use the TS 35x15/2.3 CU for 70 mm<sup>2</sup> conductors.

## Disconnect terminals

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

|  |       |
|--|-------|
|  | beige |
|  | Blue  |

## Note

## Accessories

## External cross-connection

|  |        |
|--|--------|
|  | 2-pole |
|  | 3-pole |
|  | 4-pole |

## Testing / Checking

|  |           |
|--|-----------|
|  | Test plug |
|  | Socket    |

## End plate / Partition plate

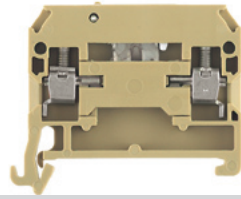
|  |       |
|--|-------|
|  | beige |
|  | Blue  |

## Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## SAKR

4 mm<sup>2</sup>

6.5 x 42 x 40.5

10 / 4

0.13...4



IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 400     | 300         | 300         |
| 10      | 10          | 10          |
| 4       | AWG 22...12 | AWG 22...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |



## Rated connection

|                     |
|---------------------|
| 0.5...4 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...1.0 Nm (M 3)  |
| 8 / 0.6 x 3.5 mm    |

Torque for SAKR with socket: 0.5 - 0.7 Nm.

| Type                               | Qty. | Order No.  |
|------------------------------------|------|------------|
| SAKR/35                            | 100  | 0172160000 |
| SAKR/35 BL                         | 100  | 0172180000 |
| SAKR/35 2 StB order no. 0183360000 |      |            |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| QB 2 WI RA6 IS         | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS         | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS         | 27 A    | 50   | 0482900000 |
| Width                  |         |      |            |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| STB 6/D3.7/2.3/M3 SAKR |         | 100  | 0379400000 |
| Width                  |         |      |            |
| AP SAKR BE             | 1.5 mm  | 20   | 0211360000 |
| AP SAKR BL             | 1.5 mm  | 20   | 0211380000 |

DEK 5/6.5

QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm<sup>2</sup>. Twin wire-end ferrules ZH 0.5 - ZH 1.5

## SAKR-D

4 mm<sup>2</sup>

6.5 x 46 x 38

10 / 4

0.13...4



IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 250     | 300         | 300         |
| 10      | 10          | 10          |
| 4       | AWG 26...12 | AWG 22...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |



## Rated connection

|                     |
|---------------------|
| 0.5...4 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...1.0 Nm (M 3)  |
| 8 / 0.6 x 3.5 mm    |

Tightening torque via the sockets is 0.5 - 0.7 Nm.

| Type     | Qty. | Order No.  |
|----------|------|------------|
| SAKRD/35 | 50   | 0185760000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| QB 2 WI RA6 IS         | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS         | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS         | 27 A    | 50   | 0482900000 |
| Width                  |         |      |            |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| STB 6/D3.7/2.3/M3 SAKR |         | 100  | 0379400000 |
| Width                  |         |      |            |
| AP SAKR BE             | 1.5 mm  | 20   | 0211360000 |
| AP SAKR BL             | 1.5 mm  | 20   | 0211380000 |

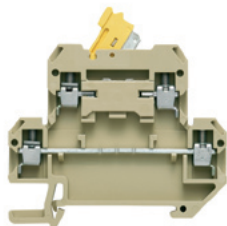
DEK 5/6.5

Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

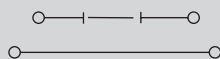
**DKT 4**

4 mm<sup>2</sup>

Without separated busbar



6 x 65 x 56.5  
10 / 4  
0.13...4



IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 400 |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 6 / 3   |     |
|     | A3 / V2 |     |



**Rated connection**

0.2...4 / 1.5...4  
0.2...4 / 0.5...2.5  
0.5...1.0 Nm (M 3)  
9 / 0.6 x 3.5 mm

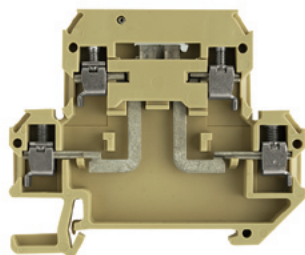
| Type                                | Qty. | Order No.  |
|-------------------------------------|------|------------|
| DKT 4/35                            | 100  | 0687460000 |
| DKT 4/35 2 StB Order No. 0327960000 |      |            |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA6 IS | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS | 27 A    | 50   | 0482900000 |
| <b>Width</b>   |         |      |            |
| PS 2.3 RT      | 5.4 mm  | 20   | 0180400000 |
| <b>Width</b>   |         |      |            |
| AP DKT4 PA     | 1.5 mm  | 20   | 0687560000 |

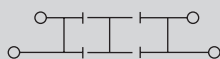
DEK 5/6

**DKT 4 V**

4 mm<sup>2</sup>



6 x 65 x 56.5  
10 / 4  
0.13...4



IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 400 |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 6 / 3   |     |
|     | A3 / V2 |     |



**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.5...1.0 Nm (M 3)  
9 / 0.6 x 3.5 mm

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| DKT 4V/35 2STB | 100  | 1304960000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA6 IS | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS | 27 A    | 50   | 0482900000 |
| <b>Width</b>   |         |      |            |
| PS 2.3 RT      | 5.4 mm  | 20   | 0180400000 |
| <b>Width</b>   |         |      |            |
| AP DKT4 PA     | 1.5 mm  | 20   | 0687560000 |

DEK 5/6

## Disconnect terminals

## TS 35 / KrG

Width/Length/height with TS35x7.5 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 Max. clamping range mm<sup>2</sup>

## Technical data


| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |

## Note

## Ordering data

| Version |               |
|---------|---------------|
|         | Medium yellow |
| Note    |               |

## Accessories

| Screwable cross-connection  |                   |
|---|-------------------|
|   | 2-pole            |
|   | 3-pole            |
|   | 4-pole            |
|  | Connecting sleeve |
|   | Mounting screw    |
|   | Lock washer       |
| External cross-connection   |                   |
|   | 2-pole            |
|   | 3-pole            |
|   | 4-pole            |
| Testing / Checking  |                   |
|   | Test plug         |
|   | Socket            |
| End plate / Partition plate   |                   |
|   | Medium yellow     |
|   | Blue              |
|   | beige             |
|   | Medium yellow     |
|   | Blue              |

**Marking systems** (see assortment in catalogue 7)

Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

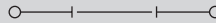
## SAKC 4/35

4 mm<sup>2</sup>

6.5 x 49.5 x 59.5

25 / 6

0.33...6



IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 300         | 300         |
| 25  | 25          | 25          |
| 4   | AWG 22...12 | AWG 22...10 |
|     | 6 / 3       |             |
|     | A4 / 5VA    |             |



## Rated connection

0.5...6 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...1.0 Nm (M 3)  
 12 / 0.6 x 3.5 mm

\*UNDEFINED TEXT\*

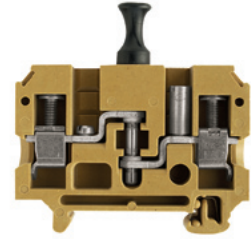
| Type  | Qty. | Order No.  |
|---|------|------------|
| SAKC 4/35   | 100  | 0357520000 |
| SAKC 4/35 2 StB order no. 0340620000.<br>Tightening torque via the sockets is 0.5 - 0.7 Nm. |      |            |

| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
| QB 2 WI RA6 IS    | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS    | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS    | 27 A    | 50   | 0482900000 |
| Width             |         |      |            |
| PS 2.3 RT         | 5.4 mm  | 20   | 0180400000 |
| Width             |         |      |            |
| AP SAK4-10 KRG    | 1.5 mm  | 20   | 0117920000 |
| AP SAK4-10 KRG/BL | 1.5 mm  | 20   | 0117970000 |
| TW SAK4-10 KRG    | 2.5 mm  | 20   | 0130120000 |
| TW SAK4-10 KRG/BL | 2.5 mm  | 20   | 0130170000 |

DEK 5/6,5

Dummy plug and pull out tool see chapter accessories

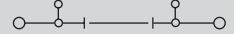
## SAKC 10/35

10 mm<sup>2</sup>

12 x 65 x 48.5

27 / 10

0.5...10



IEC 60947-7-1

| IEC | UL         | CSA         |
|-----|------------|-------------|
| 500 | 300        | 600         |
| 27  | 25         | 25          |
| 10  | AWG 22...8 | AWG 20...10 |
|     | 6 / 3      |             |
|     | B6 / 5VA   |             |



## Rated connection

0.5...10 / 1.5...10  
 0.5...10 / 0.5...10  
 1.2...2.4 Nm (M 4)  
 12 / 1.0 x 5.5 mm

Connections for stranded conductors from 10 mm<sup>2</sup> require a tightening torque of 2 Nm.

| Type   | Qty. | Order No.  |
|--|------|------------|
| SAKC 10/35 1STB4 KRG   | 50   | 1404520000 |
| SAKC 10/35 2 StB4 Order No. 1404620000<br>Tightening torque via the sockets is 1.2 Nm. |      |            |

| Type                  | current | Qty. | Order No.  |
|-----------------------|---------|------|------------|
| QL 2 SAKA10           | 47 A    | 50   | 0135500000 |
| QL 3 SAKA10           | 47 A    | 50   | 0135600000 |
| QL 4 SAKA10           | 47 A    | 50   | 0135700000 |
| VH 13.6/7/4.2 SAKA10  |         | 50   | 0299700000 |
| BFSC M4X20            |         | 100  | 0362800000 |
| SS M4 D 128-A 4       |         | 100  | 0136400000 |
| Width                 |         |      |            |
| PS 4 F.STB 4          | 7.6 mm  | 20   | 0299600000 |
| STB 17/D6/4/M4 SAKC10 |         | 50   | 0147100000 |
| Width                 |         |      |            |
| AP SAKB/C/T KRG       | 3 mm    | 20   | 0146720000 |
| TW SAKB/C/T1          | 1.5 mm  | 20   | 0242960000 |
| TW SAKB-C-T           | 3 mm    | 20   | 0242920000 |

DEK 5/6,5

Pull out force look under Accessories.



## Fuse terminals

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## 2 conductors with same cross-section (H05V/H07V)

|  |   |
|--|---|
| solid / stranded                           | - |
| flexible / Stranded wire with end ferrules | - |

## Note

## Ordering data

| Version |
|---------|
|         |

## Note

## Accessories

## G-fuse cartridge, 5 x 20mm (IEC 60127-2)

|             |
|-------------|
| 0,10 A      |
| 0,20 A      |
| 0,25 A fast |
| 0,50 A fast |
| 0,63 A      |
| 1,00 A fast |
| 1,60 A      |
| 2,00 A fast |
| 2,50 A      |
| 3,15 A      |
| 4,00 A      |
| 5,00 A      |
| 6,30 A      |

## G25 with indicator / imperial (inch) fuse

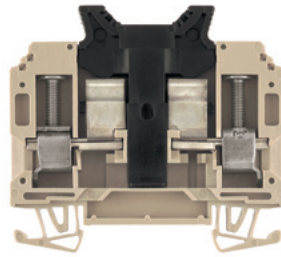
|                          |
|--------------------------|
| 1,00 A                   |
| 0,50 A medium slow / 2 A |
| 1,00 A medium slow / 3 A |

## Contact sleeve

## KSKM 1

10 mm<sup>2</sup>

5 x 20



13 x 69 x 63

6.3 / 16

0.13...16



| IEC      | UL         | CSA |
|----------|------------|-----|
| 250      | 600        |     |
| 6.3      | 10         |     |
| 10       | AWG 26...8 |     |
| B6 / V-0 |            |     |



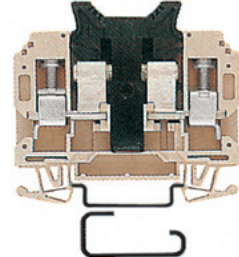
## Rated connection

|                    |
|--------------------|
| 0.5...16           |
| 0.5...10           |
| 1.2...2.4 Nm (M 4) |
| 12 / 1.0 x 5.5 mm  |

## KSKM 2

10 mm<sup>2</sup>

1" x 1/4"



13 x 69 x 63

13 / 16

0.13...16



| IEC      | UL         | CSA |
|----------|------------|-----|
| 250      | 600        |     |
| 13       | 15         |     |
| 10       | AWG 26...8 |     |
| B6 / V-0 |            |     |



## Rated connection

|                    |
|--------------------|
| 0.5...16           |
| 0.5...10           |
| 1.2...2.4 Nm (M 4) |
| 12 / 1.0 x 5.5 mm  |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| KSKM 1/35 G20 | 20   | 9509600000 |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| KSKM 2/35 GZ 1X1/4 | 20   | 9509610000 |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| G 20/0.10A/F | 10   | 0430300000 |
| G 20/0.20A/F | 10   | 0430400000 |
| G 20/0.25A/F | 10   | 0430500000 |
| G 20/0.50A/F | 10   | 0430600000 |
| G 20/0.63A/F | 10   | 0439000000 |
| G 20/1.00A/F | 10   | 0430700000 |
| G 20/1.60A/F | 10   | 0430800000 |
| G 20/2.00A/F | 10   | 0430900000 |
| G 20/2.50A/F | 10   | 0431000000 |
| G 20/3.15A/F | 10   | 0431100000 |
| G 20/4.00A/F | 10   | 0431200000 |
| G 20/5.00A/F | 10   | 0431300000 |
| G 20/6.30A/F | 10   | 0431400000 |

| Type     | Width | Qty. | Order No.  |
|----------|-------|------|------------|
| SBL/1912 |       | 10   | 0446100000 |
| SBL/2111 |       | 10   | 0446200000 |

## Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

DEK 5/5

Fuse 1" x 1/4" aren't available by Weidmüller.



## Fuse terminals

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

| Version |                     |
|---------|---------------------|
|         | 500 V AC/DC         |
|         | With GL 230 V AC/DC |
|         | With GL 115 V AC/DC |
|         | With LED 48 V AC    |
|         | With LED 24 V AC    |
|         | With LED +- 24 V DC |
|         | 500 V AC/DC         |
| Note    |                     |

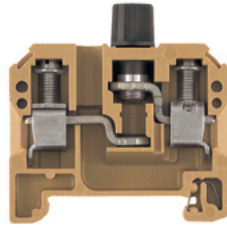
## Accessories

| Screwable cross-connection  |               |
|---|---------------|
|  | 2-pole        |
|   | 3-pole        |
|   | 4-pole        |
|   | 10-pole       |
| End plate / Partition plate   |               |
|   | Medium yellow |

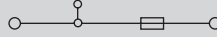
**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## SAKS 1/35 5x20

10 mm<sup>2</sup>

13 x 54 x 61  
**10 / 16**  
**0.13...16**



| IEC   | UL          | CSA         |
|---|-------------|-------------|
| 500   | 600         | 600         |
| 10  | 6.3         | 10          |
| 10  | AWG 22...10 | AWG 26...10 |
| 6 / 3   |             |             |
| B6 / 5VA  |             |             |
| Rated connection  |             |             |
| 0.5...16 / 1.5...10   |             |             |
| 0.5...10 / 0.5...10   |             |             |
| 1.2...2.4 Nm (M 4)  |             |             |
| 12 / 1.0 x 5.5 mm   |             |             |
| Connections for 10-mm <sup>2</sup> stranded conductors require a tightening torque of 2 Nm. |             |             |

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKS 1/35/G20 | 20   | <b>0501620000</b> |
|               |      |                   |
|               |      |                   |
|               |      |                   |
|               |      |                   |
|               |      |                   |
|               |      |                   |
|               |      |                   |

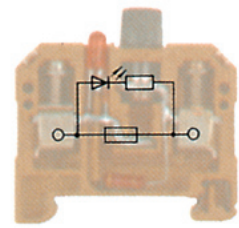
| Type           | current | Qty. | Order No.         |
|----------------|---------|------|-------------------|
| QL 2 SAKS1     | 36 A    | 50   | <b>0191400000</b> |
| QL 3 SAKS1     | 36 A    | 50   | <b>0191500000</b> |
| QL 4 SAKS1     | 36 A    | 20   | <b>0191600000</b> |
| QL 10 SAKS1    | 36 A    | 20   | <b>0338800000</b> |
| Width          |         |      |                   |
| AP SAKS1+3 KRG | 3 mm    | 20   | <b>0191320000</b> |

DEK 5/5  
An M 3 x 6 mm screw, with order no. 0346200000, should be used for the cross-connection.

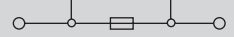
## SAKS 1/35 5x20

10 mm<sup>2</sup>

With LED or glow lamp



13 x 54 x 61  
**6.3 / 16**  
**0.5...16**



| IEC   | UL         | CSA         |
|---|------------|-------------|
| 500   |            |             |
| 6.3   |            |             |
| 10  | AWG 22...8 | AWG 26...10 |
| 4 /   |            |             |
| B6 / 5VA  |            |             |
| Rated connection  |            |             |
| 0.5...16 / 1.5...10   |            |             |
| 0.5...10 / 0.5...10   |            |             |
| 1.2...2.4 Nm (M 4)  |            |             |
| 12 / 1.0 x 5.5 mm   |            |             |
| Connections for 10-mm <sup>2</sup> stranded conductors require a tightening torque of 2 Nm. |            |             |

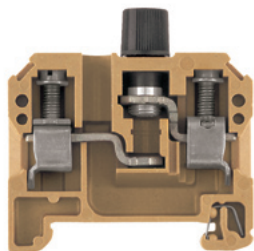
| Type                    | Qty. | Order No.         |
|-------------------------|------|-------------------|
| SAKS 1/35 G20 GL 230VAC | 10   | <b>0199920000</b> |
| SAKS 1/35 G20 GL 115VAC | 10   | <b>8068330000</b> |
| SAKS 1/35 G20 LD 48VAC  | 10   | <b>0214020000</b> |
| SAKS 1/35 G20 LD 24VAC  | 10   | <b>1111320000</b> |
| SAKS 1/35 G20 LD 24VDC  | 10   | <b>0225820000</b> |
|                         |      |                   |
|                         |      |                   |
|                         |      |                   |

| Type           | Qty. | Order No.            |
|----------------|------|----------------------|
|                |      |                      |
|                |      |                      |
|                |      |                      |
|                |      |                      |
| Width          |      |                      |
| AP SAKS1+3 KRG | 3 mm | 20 <b>0191320000</b> |

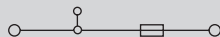
DEK 5/5

SAKS 1/35 5x25

10 mm<sup>2</sup>



13 x 54 x 61  
10 / 16  
0.13...16



| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 500      | 300        | 600         |
| 10       | 6.3        | 10          |
| 10       | AWG 22...8 | AWG 26...10 |
| 6 / 3    |            |             |
| B6 / 5VA |            |             |

**Rated connection**

0.5...16 / 1.5...10  
0.5...10 / 0.5...10  
1.2...2.4 Nm (M 4)  
12 / 1.0 x 5.5 mm

Connections for 10-mm<sup>2</sup> stranded conductors require a tightening torque of 2 Nm.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKS 1/35/G25 | 20   | 0501520000 |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |

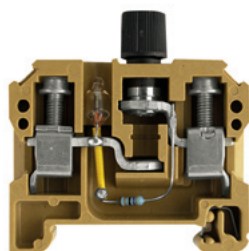
| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QL 2 SAKS1     | 36 A    | 50   | 0191400000 |
| QL 3 SAKS1     | 36 A    | 50   | 0191500000 |
| QL 4 SAKS1     | 36 A    | 20   | 0191600000 |
| QL 10 SAKS1    | 36 A    | 20   | 0338800000 |
| <b>Width</b>   |         |      |            |
| AP SAKS1+3 KRG | 3 mm    | 20   | 0191320000 |

DEK 5/5  
An M 3 x 6 mm screw, with order no. 0346200000, should be used for the cross-connection.

SAKS 1/35 5x25

10 mm<sup>2</sup>

With glow lamp



13 x 54 x 61  
6.3 / 16  
0.5...16



| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 500      |            |             |
| 6.3      |            |             |
| 10       | AWG 22...8 | AWG 26...10 |
| 4 /      |            |             |
| B6 / 5VA |            |             |

**Rated connection**

0.5...16 / 1.5...10  
0.5...10 / 0.5...10  
1.2...2.4 Nm (M 4)  
12 / 1.0 x 5.5 mm

Connections for 10-mm<sup>2</sup> stranded conductors require a tightening torque of 2 Nm.

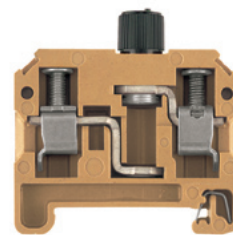
| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| SAKS 1/35 G25 GL 230VAC | 10   | 0198620000 |
|                         |      |            |
|                         |      |            |
|                         |      |            |
|                         |      |            |

| Type           | Qty. | Order No. |
|----------------|------|-----------|
|                |      |           |
|                |      |           |
|                |      |           |
|                |      |           |
| <b>Width</b>   |      |           |
| AP SAKS1+3 KRG | 3 mm | 20        |

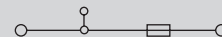
DEK 5/5

SAKS 3/35

10 mm<sup>2</sup>



13 x 54 x 61  
10 / 16  
0.33...16



| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 500      | 300        | 600         |
| 10       | 10         | 10          |
| 10       | AWG 22...8 | AWG 22...10 |
| 6 / 3    |            |             |
| B6 / 5VA |            |             |

**Rated connection**

0.5...16 / 1.5...10  
0.5...10 / 0.5...10  
1.2...2.4 Nm (M 4)  
12 / 1.0 x 5.5 mm

| Type  | Qty. | Order No.  |
|---|------|------------|
| SAKS 3/35 G/5X30 500V                                     | 20   | 0328920000 |
|   |      |            |
|   |      |            |
|   |      |            |
| SAKS 3/35 GZ/6.3X32                                       | 20   | 0667520000 |
| SAKS 3 1"x1/4" with a red cap available under 0667420000. |      |            |

| Type           | Qty. | Order No. |
|----------------|------|-----------|
|                |      |           |
|                |      |           |
|                |      |           |
|                |      |           |
| <b>Width</b>   |      |           |
| AP SAKS1+3 KRG | 3 mm | 20        |

DEK 5/5

## Fuse terminals

## TS 35 / KrG

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

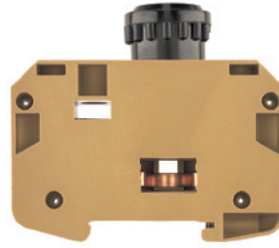
| Version |             |
|---------|-------------|
|         | Without LED |
| Note    |             |

## Accessories

| Screwable cross-connection |         |
|----------------------------|---------|
|                            | 2-pole  |
|                            | 3-pole  |
|                            | 4-pole  |
|                            | 10-pole |
| Mounting screw             |         |
| Lock washer                |         |
|                            | SK      |
| Screw cover cap            |         |
|                            | SK      |
| Gauge rings                |         |
| Fuse cartridges            |         |

|   |                                 |
|---|---------------------------------|
| <b>Marking systems</b>  | (see assortment in catalogue 7) |
|   | Marking tags                    |
| <b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b> |                                 |

## SAKS 2/35

10 mm<sup>2</sup>

|                  |  |
|------------------|--|
| 27.6 x 80 x 75   |  |
| <b>10 / 16</b>   |  |
| <b>0.33...16</b> |  |

IEC 60947-7-3

| IEC | UL | CSA        |
|-----|----|------------|
| 500 |    | 600        |
| 10  |    | 25         |
| 10  |    | AWG 22...8 |
|     |    | 6 / 3      |
|     |    | B6 / 5VA   |



## Rated connection

|                     |
|---------------------|
| 0.5...16 / 0.5...10 |
| 0.5...10 / 0.5...10 |
| 1.2...2.4 Nm (M 4)  |
| 12 / 1.0 x 5.5 mm   |

Connections for stranded conductors from 10 mm<sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm.

| Type      | Qty. | Order No.         |
|-----------|------|-------------------|
| SAKS 2/35 | 20   | <b>1368720000</b> |

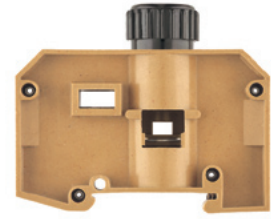
| Type             | current | Qty. | Order No.         |
|------------------|---------|------|-------------------|
| QL 2 SAKS2       | 47 A    | 20   | <b>0207800000</b> |
| QL 3 SAKS2       | 47 A    | 20   | <b>0207900000</b> |
| QL 4 SAKS2       | 47 A    | 20   | <b>0208000000</b> |
| QL 10 SAKS2      | 47 A    | 20   | <b>0338900000</b> |
| BFSC M4X9T       |         | 100  | <b>0103300000</b> |
| SS M4 D 128-A 4  |         | 100  | <b>0136400000</b> |
| Width            |         |      |                   |
| SK E16/SAKS2     |         | 25   | <b>0284110000</b> |
| P 16/10 RT SAKS2 |         | 100  | <b>0208900000</b> |
| P 16/16 GR SAKS2 |         | 100  | <b>0209000000</b> |
| P 16/20 BL SAKS2 |         | 100  | <b>0209100000</b> |
| E 16/10A RT TNDZ |         | 25   | <b>0208500000</b> |
| E 16/16A GR TNDZ |         | 25   | <b>0208600000</b> |
| E 16/20A BL TNDZ |         | 25   | <b>0208700000</b> |
| E 16/25A GE TNDZ |         | 25   | <b>0208800000</b> |

DEK 5/5

## SAKS 4/35

10 mm<sup>2</sup>

## D 01-fuses



|                  |  |
|------------------|--|
| 24 x 75 x 66     |  |
| <b>16 / 16</b>   |  |
| <b>0.33...16</b> |  |

IEC 60947-7-3

| IEC | UL | CSA        |
|-----|----|------------|
| 400 |    | 600        |
| 16  |    | 30         |
| 10  |    | AWG 22...8 |
|     |    | 6 / 3      |
|     |    | B6 / 5VA   |



## Rated connection

|                     |
|---------------------|
| 0.5...16 / 1.5...10 |
| 0.5...10 / 0.5...10 |
| 1.2...2.4 Nm (M 4)  |
| 14 / 1.0 x 5.5 mm   |

Connections for stranded conductors from 10 mm<sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm.

| Type      | Qty. | Order No.         |
|-----------|------|-------------------|
| SAKS 4/35 | 20   | <b>0501820000</b> |

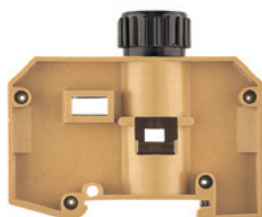
| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAKS4           | 36 A    | 20   | <b>0328000000</b> |
| QL 3 SAKS4           | 36 A    | 20   | <b>0328100000</b> |
| QL 4 SAKS4           | 36 A    | 20   | <b>0328200000</b> |
| QL 10 SAKS4          | 36 A    | 20   | <b>0339000000</b> |
| BFSC M4X9T           |         | 100  | <b>0103300000</b> |
| SS M4 D 128-A 4      |         | 100  | <b>0136400000</b> |
| Width                |         |      |                   |
| SK E14 SAKS4         |         | 20   | <b>0339410000</b> |
| P 14/2 D01 RS SAKS4  |         | 50   | <b>0138000000</b> |
| P 14/4 D01 BR SAKS4  |         | 50   | <b>0138100000</b> |
| P 14/10 D01 RT SAKS4 |         | 50   | <b>0328700000</b> |
| P 14/6 D01 GN SAKS4  |         | 50   | <b>0328600000</b> |
| E 14/2A RS           |         | 10   | <b>0137400000</b> |
| E 14/4A BR           |         | 10   | <b>0137500000</b> |
| E 14/6A GN           |         | 10   | <b>0328300000</b> |
| E 14/10A RT          |         | 10   | <b>0328400000</b> |
| E 14/16A GR          |         | 10   | <b>0328500000</b> |

DEK 5/5

**SAKS 4/35 USA**

**10 mm<sup>2</sup>**

**1 1/4" x 1/4"**



24 x 75 x 73  
**30 / 16**  
**0.5...16**



| IEC      | UL         | CSA        |
|----------|------------|------------|
| 400      | 600        | 600        |
| 16       | 30         | 30         |
| 10       | AWG 20...8 | AWG 22...8 |
| 6 / 3    |            |            |
| B6 / 5VA |            |            |

| UL                      |  |
|-------------------------|--|
| <b>Rated connection</b> |  |
| 0.5...16 / 1.5...10     |  |
| 0.5...10 / 0.5...10     |  |
| 1.2...2.4 Nm (M 4)      |  |
| 14 / 1.0 x 5.5 mm       |  |

Connections for stranded conductors from 10 mm<sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm.

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKS 4/35 USA | 20   | <b>0178220000</b> |

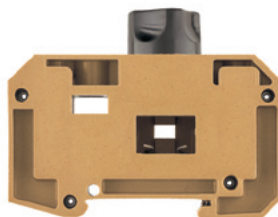
| Type             | current | Qty. | Order No.         |
|------------------|---------|------|-------------------|
| QL 2 SAKS4       | 36 A    | 20   | <b>0328000000</b> |
| QL 3 SAKS4       | 36 A    | 20   | <b>0328100000</b> |
| QL 4 SAKS4       | 36 A    | 20   | <b>0328200000</b> |
| QL 10 SAKS4      | 36 A    | 20   | <b>0339000000</b> |
| BFSC M4X9T       |         | 100  | <b>0103300000</b> |
| SS M4 D 128-A 4  |         | 100  | <b>0136400000</b> |
| <b>Width</b>     |         |      |                   |
| SK E14 SAKS4 USA |         | 1    | <b>2012790000</b> |

DEK 5/5

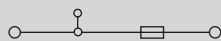
**SAKS 5/35**

**16 mm<sup>2</sup>**

**D 02 - fuse**



28 x 80 x 66  
**63 / 16**  
**1.5...16**



IEC 60947-7-3

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 400      | 600        | 600        |
| 63       | 40         | 63         |
| 16       | AWG 14...6 | AWG 14...6 |
| 6 / 3    |            |            |
| B7 / 5VA |            |            |

| UL                      |  |
|-------------------------|--|
| <b>Rated connection</b> |  |
| 1.5...16 / 1.5...16     |  |
| 1.5...16 / 1.5...16     |  |
| 1.2...2.4 Nm (M 4)      |  |
| 13 / 1.0 x 5.5 mm       |  |

Connections for stranded conductors from 10 mm<sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm.

| Type      | Qty. | Order No.         |
|-----------|------|-------------------|
| SAKS 5/35 | 20   | <b>0502120000</b> |

| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAKS2           | 47 A    | 20   | <b>0207800000</b> |
| QL 3 SAKS2           | 47 A    | 20   | <b>0207900000</b> |
| QL 4 SAKS2           | 47 A    | 20   | <b>0208000000</b> |
| QL 10 SAKS2          | 47 A    | 20   | <b>0338900000</b> |
| BFSC M4X9T           |         | 100  | <b>0103300000</b> |
| SS M4 D 128-A 4      |         | 100  | <b>0136400000</b> |
| <b>Width</b>         |         |      |                   |
| SK E18 SAKS5         |         | 20   | <b>0359310000</b> |
| P 18/20 D02 BL SAKS5 | 50      |      | <b>0361800000</b> |
| P 18/25 D02 GE SAKS5 | 50      |      | <b>0361900000</b> |
| P 18/35 D02 SW SAKS5 | 50      |      | <b>0362000000</b> |
| P 18/50 D02 WS SAKS5 | 50      |      | <b>0362100000</b> |
| E 18/20A BL          | 10      |      | <b>0361300000</b> |
| E 18/25A GE          | 10      |      | <b>0361400000</b> |
| E 18/50A WS          | 10      |      | <b>0361600000</b> |
| E 18/63A KU          | 10      |      | <b>0361700000</b> |







DEK 5/5

Partition wall TW HP (2.0) order no. 0607000000 only for TS 32

## Fuse inserts and gauge rings for Weidmüller fuse terminals

## Fuse inserts

## Technical data

| for terminal type                      |   | G fuse inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820 T.2 Bl <sup>1)</sup> )             |   |  |   | Order data   |            |            |           |    |            |
|--|---|--|---|--|---|--|------------|------------|-----------|----|------------|
|  |   | Size (mm)  | Rated voltage (V)   | Rated current (A)                                      | Type  | Qty.   | Order No.  |            |           |    |            |
| SAKS 1                                 |    | 5 x 20   | Breaking capacity 1500 A<br>(at 250 V, 50 Hz, cos φ 0.7)      | 0.1  | (F) G 20/0.10A/F  | 10   | 0430300000 |            |           |    |            |
| SAKS 7                                 |   |  |   | 0.2  | (F) G 20/0.20A/F  | 10   | 0430400000 |            |           |    |            |
| ASK 1                                  |   |  |   | 0.25   | (F) G 20/0.25A/F  | 10   | 0430500000 |            |           |    |            |
| WSI 6                                  |   |  |   | 0.5  | (F) G 20/0.50A/F  | 10   | 0430600000 |            |           |    |            |
|  |   |  |   | 0.63   | (F) G 20/0.63A/F  | 10   | 0439000000 |            |           |    |            |
|  |   |  |   | 1.0  | (F) G 20/1.00A/F  | 10   | 0430700000 |            |           |    |            |
|  |   |  |   | 1.6  | (F) G 20/1.60A/F  | 10   | 0430800000 |            |           |    |            |
|  |   |  |   | 2.0  | (F) G 20/2.00A/F  | 10   | 0430900000 |            |           |    |            |
|  |   |  |   | 2.5  | (F) G 20/2.50A/F  | 10   | 0431000000 |            |           |    |            |
|  |   |  |   | 3.15   | (F) G 20/3.15A/F  | 10   | 0431100000 |            |           |    |            |
|  |   |  |   | 4.0  | (F) G 20/4.00A/F  | 10   | 0431200000 |            |           |    |            |
|  |   |  |   | 5.0  | (F) G 20/5.00A/F  | 10   | 0431300000 |            |           |    |            |
|  |   |  |   | 6.3  | (F) G 20/6.30A/F  | 10   | 0431400000 |            |           |    |            |
|  |   |  |   | (M) = medium-delayed action (F) = fast                 |   |  |            |            |           |    |            |
|  |   |  |   |  |   | G fuse inserts 5 x 25 with indicator acc. to DIN 41576 <sup>1)</sup> ) |            |            |           |    |            |
|  | SAKS 1  |                         | 5 x 25 m. K. <sup>1)</sup>                                    | Breaking capacity 80 A<br>(at 250 V, 50 Hz, cos φ = 1) | 0.25  | (M) G 25/0.25A/M   | 10         | 0546900000 |           |    |            |
| SAKS 7                                 | 0.5   |  |   |  | (M) G 25/0.50A/M  | 10   | 0510300000 |            |           |    |            |
| WSI 6                                  | 0.8   |  |   |  | (M) G 25/0.80A/M  | 10   | 0646400000 |            |           |    |            |
|  | 1   |  |   |  | (M) G 25/1.00A/M  | 10   | 0265800000 |            |           |    |            |
|  | 10  |  |   |  | (M) <sup>2)</sup> G 25/10.0A/M  | 10   | 0193100000 |            |           |    |            |
|  | 2   |  |   |  | (F) G 25/2.00A/F  | 10   | 0192700000 |            |           |    |            |
|  | 4   |  |   |  | (F) G 25/4.00A/F  | 10   | 0192800000 |            |           |    |            |
|  | 6.3   |  |   |  | (F) G 25/6.30A/F  | 10   | 0192900000 |            |           |    |            |
|  | (M) = medium-delayed action (F) = fast  |  |   |  |   |  |            |            |           |    |            |
|  |   |  |   |  | Fuse inserts 1¼" x ¼" without indicator acc. to BS 88                               |  |            |            |           |    |            |
|  | SAKS 3 <sup>2)</sup>  |  |   |  |  | 33 kA Breaking capacity 33 kA fast                                     | 440        | 0.5        | GZ 0.5A/F | 10 | 0533800000 |
| SAKS 6                                 | 1   | GZ 1.0A/F  | 10  | 0525500000   |   |  |            |            |           |    |            |
|  | E 1 A   | 2  | GZ 2.0A   | 10   |   |  |            | 0294500000 |           |    |            |
|  | E 2 A   | 3  | GZ 3.0A   | 10   |   |  |            | 0295700000 |           |    |            |
|  | E 3 A   | 5  | GZ 5.0A   | 10   |   |  |            | 0294600000 |           |    |            |
|  | E 5 A   | 7  | GZ 7.0A   | 10   |   |  |            | 0295800000 |           |    |            |
|  | E 7 A   | 10   | GZ 10.0A  | 10   |   |  |            | 0293900000 |           |    |            |
|  | E 10 A  | 12.5   | GZ 12.5A/FF   | 10   |   |  |            | 0245400000 |           |    |            |
|  | (F) = fast (M) = medium-delayed action  |  |   |  |   |  |            |            |           |    |            |
|  |   |  | D fuse inserts E 16 with indicator acc. to DIN 49360 (diazed) |  |   |  |            |            |           |    |            |
| SAKS 2                                 |  | 500  | E 10 A  | 10   | E 16/10A RT   | 25   | 0208500000 |            |           |    |            |
|  |   |  | E 16 A  | 16   | E 16/16A GR   | 25   | 0208600000 |            |           |    |            |
|  |   |  | E 20 A  | 20   | E 16/20A BL   | 25   | 0208700000 |            |           |    |            |
|  |   |  | E 25 A  | 25   | E 16/25A GE   | 25   | 0208800000 |            |           |    |            |
|  |   |  | (F) = fast (M) = medium-delayed action                        |  |   |  |            |            |           |    |            |
|  |   | D fuse inserts E 14 Size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (neozed) <sup>3)</sup> |   |  |   |  |            |            |           |    |            |
| SAKS 4 <sup>4)</sup>                   |  | 400  | E 14/2  | 2  | E 14/2A RS  | 10   | 0137400000 |            |           |    |            |
|  |   |  | E 14/4  | 4  | E 14/4A BR  | 10   | 0137500000 |            |           |    |            |
|  |   |  | E 14/6  | 6  | E 14/6A GN  | 10   | 0328300000 |            |           |    |            |
|  |   |  | E 14/10   | 10   | E 14/10A RT   | 10   | 0328400000 |            |           |    |            |
|  |   |  | E 14/16   | 16   | E 14/16A GR   | 10   | 0328500000 |            |           |    |            |
| SAKS 5                                 |  | 400  | E 18/20   | 20   | E 18/20A BL   | 10   | 0361300000 |            |           |    |            |
|  |   |  | E 18/25   | 25   | E 18/25A GE   | 10   | 0361400000 |            |           |    |            |
|  |   |  | E 18/35   | 35   | E 18/35A SW   | 10   | 0361500000 |            |           |    |            |
|  |   |  | E 18/50   | 50   | E 18/50A WS   | 10   | 0361600000 |            |           |    |            |
|  |   |  | E 18/63   | 63   | E 18/63A KU   | 10   | 0361700000 |            |           |    |            |
| (F) = fast (M) = medium-delayed action |   |  |   |  |   |  |            |            |           |    |            |

Note: <sup>1)</sup> The SIBA company also supplies 5 x 25 G fuse inserts with indicators in a shipbuilding model for 450 V AC.

<sup>2)</sup> 5 x 30 (500 V AC) fuse inserts for SAKS 3 are available from the WICKMANN company

<sup>3)</sup> The LINDNER company also supplies neozed fuse cartridges in an additional shipbuilding mode for 440 V AC.

<sup>4)</sup> Fuse cartridges with the dimensions 1"x¼" ≅ 25.4x6.35 mm and 13/32"x1½" ≅ 10.3x38.1 mm are not included in product line.

<sup>5)</sup> Only for SAKS 1 and SAKS 7.

**Gauge rings**

**Technical data**

for terminal type

SAKS 4 and 4/35



SAKS 5 and 5/35



SAKS 2 and 2/35



| Gauge ring type | Amp. | Colour | Type          | Qty. | Order No.  |
|-----------------|------|--------|---------------|------|------------|
| P 14/2          | 2    | pink   | P 14/2D01 RS  | 50   | 0138000000 |
| P 14/4          | 4    | brown  | P 14/4D01 BR  | 50   | 0138100000 |
| P 14/6          | 6    | green  | P 14/6D01 GN  | 50   | 0328600000 |
| P 14/1          | 10   | red    | P 14/10D01 RT | 50   | 0328700000 |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
| P 18/20         | 20   | blue   | P 18/20D02 BL | 50   | 0361800000 |
| P 18/25         | 25   | yellow | P 18/25D02 GE | 50   | 0361900000 |
| P 18/35         | 35   | black  | P 18/35D02 SW | 50   | 0362000000 |
| P 18/50         | 50   | white  | P 18/50D02 WS | 50   | 0362100000 |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
| P 16/10         | 10   | red    | P 16/10 RT    | 100  | 0208900000 |
| P 16/16         | 16   | grey   | P 16/16 GR    | 100  | 0209000000 |
| P 16/20         | 20   | blue   | P 16/20 BL    | 100  | 0209100000 |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |

## Installation terminals

### TS 35 / PA

These NT modular terminals are prescribed for insulation measurements without detaching the conductors according to VDE standards for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |

#### Note

### Ordering data

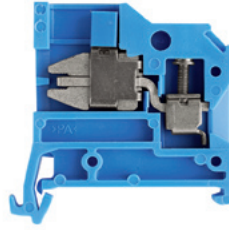
| Version |      |
|---------|------|
|         | Blue |
| Note    |      |

### Accessories

| Support bracket for 10 x 3 (required every 20 cm) |      |
|---|------|
|   | Blue |
| Busbar 10 x 3 (140 A)                             |      |
| OK, Busbar up to OK, TS35 = 25,5 mm               |      |
| Clamping yoke for power supply to 10 x 3 busbars  |      |
| Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>      |      |
| rigid / flexible 6 - 16 mm <sup>2</sup>           |      |
| Flexible 16 - 35 mm <sup>2</sup>                  |      |



### NT 2.5/35

**2.5 mm<sup>2</sup>**


6 x 45 x 44  
**24 / 4**  
**0.33...4**



IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 400     | 300         | 300         |
| 24      | 20          | 25          |
| 2.5     | AWG 22...12 | AWG 22...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |



#### Rated connection

|                       |
|-----------------------|
| 0.5...4 / 0.5...4     |
| 0.5...0.5 / 0.5...2.5 |
| 0.5...0.8 Nm (M 2.5)  |
| 10 / 0.6 x 3.5 mm     |

Tightening torque via disconnecter is 0.5 ... 0.8 Nm.

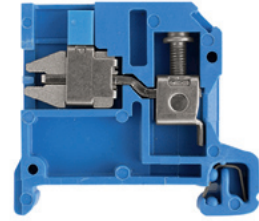
| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| NT 2.5/35 10X3 BL | 100  | 0471780000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| HP NT2.5 BL          | 1.5 mm | 20   | 0352080000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

DEK 5/6

Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

### NT 6/35

**6 mm<sup>2</sup>**


8 x 49 x 44  
**41 / 10**  
**0.5...10**



IEC 60947-7-1

| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 400      | 300        | 300         |
| 41       | 40         | 40          |
| 6        | AWG 22...8 | AWG 20...10 |
| 6 / 3    |            |             |
| A5 / 5VA |            |             |



#### Rated connection

|                      |
|----------------------|
| 0.5...10 / 0.5...10  |
| 0.5...10 / 0.5...6   |
| 0.8...1.4 Nm (M 3.5) |
| 12 / 0.8 x 4 mm      |

Tightening torque via disconnecter is 0.5 ... 0.8 Nm.

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| NT 6/35 10X3 KRG/BL | 100  | 0501470000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| HP NT6/10 BL         | 1.5 mm | 20   | 0352880000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

DEK 5/6

Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

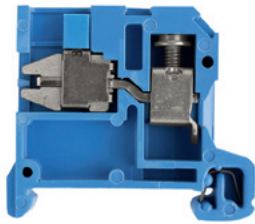
**Marking systems** (see assortment in catalogue 7)

Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

NT 10/35

10 mm<sup>2</sup>



10 x 45 x 44

57 / 16

0.5...16



IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 400 | 300        | 300        |
| 57  | 50         | 50         |
| 10  | AWG 14...8 | AWG 14...8 |
|     | 6 / 3      |            |
|     | B6 / V2    |            |



Rated connection

0.5...16 / 0.5...10

0.5...10 / 0.5...10

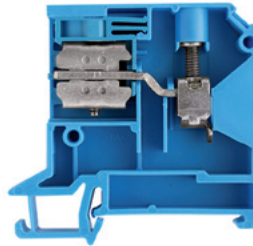
1.2...1.6 Nm (M 4)

12 / 1.0 x 5.5 mm

Tightening torque via disconnector is 0.5 ... 0.8 Nm. Fix 10 mm<sup>2</sup> stranded connection with 2 Nm tightening torque.

NT 16/35

16 mm<sup>2</sup>



12 x 59.5 x 58

76 / 16

2.5...16



IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 400 | 300        | 300        |
| 76  | 65         | 70         |
| 16  | AWG 16...6 | AWG 12...6 |
|     | 6 / 3      |            |
|     | B6 / V2    |            |



Rated connection

2.5...16 / 2.5...10

2.5...16 / 2.5...2.5

1.2...1.6 Nm (M 4)

12 / 1.0 x 5.5 mm

Isolator can accommodate 0.8...1.4 Nm. 10 and 16 mm<sup>2</sup> stranded and AWG B/7 connections are to be fixed with 2.4 Nm tightening torque.

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| NT 10/35 10X3 BL | 50   | 0471880000 |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| NT 16/35 10X3 BL | 50   | 0499280000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| HP NT6/10 BL         | 1.5 mm | 20   | 0352880000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| HP NT16/10X3         | 2 mm   | 20   | 1266380000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

DEK 5/6

Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

DEK 5/5

Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

## Test-disconnect terminals

### TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

#### Technical data

|  |                 |
|--|-----------------|
| <b>Rated data</b>                              |                 |
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| <b>Clamped conductors (H05V/H07V)</b>          |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Tightening torque range                        |                 |
| Stripping length / Blade size                  | mm/-            |

#### Note

#### Ordering data

|                |  |
|----------------|--|
| <b>Version</b> |  |
|                | Without socket                           |
|                | With open rear wall for cross-connection |
|                | With 2 sockets                           |
|                | With 4 sockets                           |

#### Note

#### Accessories

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Screwable cross-connection</b> |                   |
|                                   | 2-pole            |
|                                   | 3-pole            |
|                                   | 4-pole            |
|                                   | 10-pole           |
|                                   | Connecting sleeve |
|                                   | Mounting screw    |

|                                    |               |
|------------------------------------|---------------|
| <b>End plate / Partition plate</b> |               |
|                                    | Medium yellow |
|                                    | beige         |

|                        |                 |
|------------------------|-----------------|
| <b>Small partition</b> |                 |
|                        | Small partition |

|                                |                           |
|--------------------------------|---------------------------|
| <b>Cross-connection slider</b> |                           |
|                                | 2-pole                    |
|                                | 3-pole                    |
|                                | 4-pole                    |
|                                | Connecting sleeve for QVS |
|                                | Mounting screw for QVS    |

|                           |           |
|---------------------------|-----------|
| <b>Testing / Checking</b> |           |
|                           | Test plug |
|                           | Socket    |

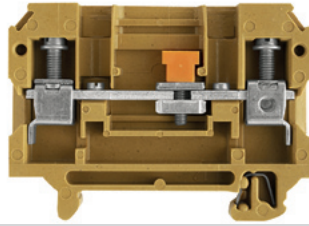
|                                  |                            |
|----------------------------------|----------------------------|
| <b>Miscellaneous accessories</b> |                            |
|                                  | Lockout device             |
|                                  | Short-circuit plug, 2-pole |

|                        |                                 |
|------------------------|---------------------------------|
| <b>Marking systems</b> | (see assortment in catalogue 7) |
|                        | Marking tags                    |

For detailed information on other accessories and applications, refer to the „Accessories“ section

### SAKT 1/LT

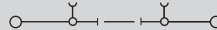
6 mm<sup>2</sup>



8 x 65 x 52.5

57 / 10

0.13...10



IEC 60947-7-1

|            |            |            |
|------------|------------|------------|
| <b>IEC</b> | <b>UL</b>  | <b>CSA</b> |
| 400        | 300        | 300        |
| 41         | 25         | 25         |
| 6          | AWG 22...8 | AWG 26...8 |
| 6 / 3      |            |            |
| A5 / 5VA   |            |            |



#### Rated connection

|                      |
|----------------------|
| 0.5...10 / 1.5...10  |
| 0.5...6 / 0.5...6    |
| 0.8...1.6 Nm (M 3.5) |
| 0.5...0.8 Nm         |
| 12 / 4.0 x 0.8 mm    |

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

|                  |             |                  |
|------------------|-------------|------------------|
| <b>Type</b>      | <b>Qty.</b> | <b>Order No.</b> |
| SAKT 1/35/LT     | 50          | 0105420000       |
| SAKT 1/35/LT STB | 50          | 0105620000       |

|                      |                |             |                  |
|----------------------|----------------|-------------|------------------|
| <b>Type</b>          | <b>current</b> | <b>Qty.</b> | <b>Order No.</b> |
| QL 2 SAK6N           | 57 A           | 50          | 0194300000       |
| QL 3 SAK6N           | 57 A           | 50          | 0194400000       |
| QL 4 SAK6N           | 57 A           | 50          | 0194500000       |
| QL 10 SAK6N          | 57 A           | 20          | 0338300000       |
| VH 12/4.9/3.3 SAK6N  |                | 100         | 0249000000       |
| KISC M3X20 SAK10 CU5 |                | 100         | 0377100000       |

|                 |        |     |            |
|-----------------|--------|-----|------------|
| <b>Width</b>    |        |     |            |
| AP SAKB/C/T KRG | 3 mm   | 20  | 0146720000 |
| TW SAKB/C/T1    | 1.5 mm | 20  | 0242960000 |
| <b>Width</b>    |        |     |            |
| TSCH 2          | 0.6 mm | 100 | 0353660000 |

|                   |  |    |            |
|-------------------|--|----|------------|
| <b>current</b>    |  |    |            |
| QVS 2 SAKT1+2     |  | 20 | 0307300000 |
| QVS 3 SAKT1+2     |  | 20 | 0329300000 |
| QVS 4 SAKT1+2     |  | 20 | 0307400000 |
| VH 19/6/4.2 SAKT1 |  | 50 | 0318000000 |
| BS 25 O.IH SAKT1  |  | 50 | 0334700000 |

|                      |        |    |            |
|----------------------|--------|----|------------|
| <b>Width</b>         |        |    |            |
| PS 4 F.STB 4         | 7.6 mm | 20 | 0299600000 |
| STB 14/D6/4/M3 SAK10 |        | 50 | 0169900000 |

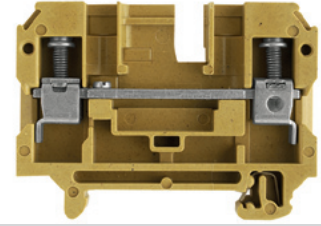
|             |  |     |            |
|-------------|--|-----|------------|
| SSP 3 SAKT1 |  | 100 | 0531760000 |
| QS 2/8/4    |  | 20  | 0270960000 |

DEK 5/6.5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

### SAKT 1/DU1

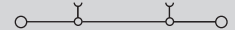
6 mm<sup>2</sup>



8 x 65 x 52.5

57 / 10

0.13...10



IEC 60947-7-1

|            |            |            |
|------------|------------|------------|
| <b>IEC</b> | <b>UL</b>  | <b>CSA</b> |
| 400        | 300        | 300        |
| 41         | 25         | 25         |
| 6          | AWG 22...8 | AWG 26...8 |
| 6 / 3      |            |            |
| A5 / 5VA   |            |            |



#### Rated connection

|                      |
|----------------------|
| 0.5...10 / 1.5...10  |
| 0.5...6 / 0.5...6    |
| 0.8...1.6 Nm (M 3.5) |
| 12 / 4.0 x 0.8 mm    |

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

|               |             |                  |
|---------------|-------------|------------------|
| <b>Type</b>   | <b>Qty.</b> | <b>Order No.</b> |
| SAKT 1/35/DU1 | 50          | 0105820000       |

|                      |                |             |                  |
|----------------------|----------------|-------------|------------------|
| <b>Type</b>          | <b>current</b> | <b>Qty.</b> | <b>Order No.</b> |
| QL 2 SAK6N           | 32 A           | 50          | 0194300000       |
| QL 3 SAK6N           | 57 A           | 50          | 0194400000       |
| QL 4 SAK6N           | 57 A           | 50          | 0194500000       |
| QL 10 SAK6N          | 32 A           | 20          | 0338300000       |
| VH 12/4.9/3.3 SAK6N  |                | 100         | 0249000000       |
| KISC M3X20 SAK10 CU5 |                | 100         | 0377100000       |

|                 |        |     |            |
|-----------------|--------|-----|------------|
| <b>Width</b>    |        |     |            |
| AP SAKB/C/T KRG | 3 mm   | 20  | 0146720000 |
| TW SAKB/C/T1    | 1.5 mm | 20  | 0242960000 |
| <b>Width</b>    |        |     |            |
| TSCH 2          | 0.6 mm | 100 | 0353660000 |

|                   |  |      |            |            |
|-------------------|--|------|------------|------------|
| <b>current</b>    |  |      |            |            |
| QVS 2 SAKT1+2     |  | 41 A | 20         | 0307300000 |
| QVS 3 SAKT1+2     |  | 41 A | 20         | 0329300000 |
| QVS 4 SAKT1+2     |  | 41 A | 20         | 0307400000 |
| VH 19/6/4.2 SAKT1 |  | 50   | 0318000000 |            |
| BS 25 O.IH SAKT1  |  | 50   | 0334700000 |            |

|                      |        |    |            |
|----------------------|--------|----|------------|
| <b>Width</b>         |        |    |            |
| PS 4 F.STB 4         | 7.6 mm | 20 | 0299600000 |
| STB 14/D6/4/M3 SAK10 |        | 50 | 0169900000 |

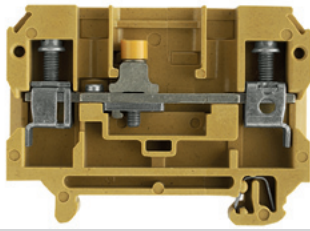
|             |  |     |            |
|-------------|--|-----|------------|
| SSP 3 SAKT1 |  | 100 | 0531760000 |
| QS 2/8/4    |  | 20  | 0270960000 |

DEK 5/6.5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

**SAKT 1/QT**

**6 mm<sup>2</sup>**



8 x 65 x 52.5  
**57 / 10**  
**0.13...10**



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 400      | 300        | 300        |
| 41       | 25         | 25         |
| 6        | AWG 22...8 | AWG 26...8 |
| 6 / 3    |            |            |
| A5 / 5VA |            |            |



**Rated connection**

0.5...10 / 1.5...10  
0.5...6 / 0.5...6  
0.8...1.6 Nm (M 3.5)  
0.5...0.8 Nm  
12 / 4.0 x 0.8 mm

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKT 1/35/QT2 | 50   | <b>0124620000</b> |
| SAKT 1/35/QT1 | 50   | <b>0105720000</b> |

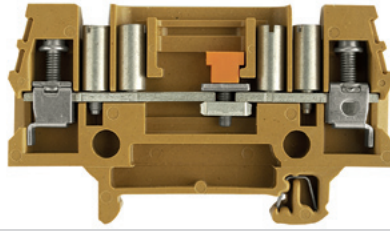
| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAK6N           | 57 A    | 50   | <b>0194300000</b> |
| QL 3 SAK6N           | 57 A    | 50   | <b>0194400000</b> |
| QL 4 SAK6N           | 57 A    | 50   | <b>0194500000</b> |
| QL 10 SAK6N          | 57 A    | 20   | <b>0338300000</b> |
| VH 12/4.9/3.3 SAK6N  |         | 100  | <b>0249000000</b> |
| KISC M3X20 SAK10 CU5 |         | 100  | <b>0377100000</b> |
| <b>Width</b>         |         |      |                   |
| AP SAKB/C/T KRG      | 3 mm    | 20   | <b>0146720000</b> |
| TW SAKB/C/T1         | 1.5 mm  | 20   | <b>0242960000</b> |
| <b>TSCH 2</b>        |         |      |                   |
|                      | 0.6 mm  | 100  | <b>0353660000</b> |
| <b>current</b>       |         |      |                   |
| QVS 2 SAKT1+2        |         | 20   | <b>0307300000</b> |
| QVS 3 SAKT1+2        |         | 20   | <b>0329300000</b> |
| QVS 4 SAKT1+2        |         | 20   | <b>0307400000</b> |
| VH 19/6/4.2 SAKT1    |         | 50   | <b>0318000000</b> |
| BS 25 O.IH SAKT1     |         | 50   | <b>0334700000</b> |
| <b>Width</b>         |         |      |                   |
| PS 4 F.STB 4         | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |         | 50   | <b>0169900000</b> |
| SSP 3 SAKT1          |         | 100  | <b>0531760000</b> |
| QS 2/8/4             |         | 20   | <b>0270960000</b> |

DEK 5/6,5

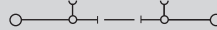
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

**SAKT 2/LT**

**6 mm<sup>2</sup>**



8 x 82 x 52.5  
**46 / 10**  
**0.5...10**



IEC 60947-7-1

| IEC      | UL         | CSA |
|----------|------------|-----|
| 125      | 300        |     |
| 41       | 25         |     |
| 6        | AWG 22...8 |     |
| 6 / 3    |            |     |
| A5 / 5VA |            |     |



**Rated connection**

0.5...10 / 1.5...10  
0.5...6 / 0.5...6  
1.2...1.6 Nm (M 3.5)  
0.5...0.8 Nm  
12 / 4.0 x 0.8 mm

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

| Type              | Qty. | Order No.         |
|-------------------|------|-------------------|
| SAKT 2/35/LT/STB  | 50   | <b>0105920000</b> |
| SAKT 2/35/LT 4STB | 50   | <b>0106020000</b> |

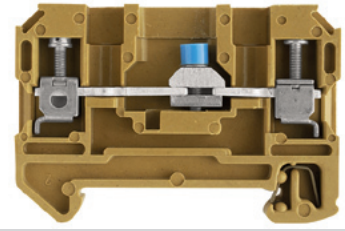
| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAK6N           | 32 A    | 50   | <b>0194300000</b> |
| QL 3 SAK6N           | 57 A    | 50   | <b>0194400000</b> |
| QL 4 SAK6N           | 57 A    | 50   | <b>0194500000</b> |
| QL 10 SAK6N          | 32 A    | 20   | <b>0338300000</b> |
| VH 12/4.9/3.3 SAK6N  |         | 100  | <b>0249000000</b> |
| <b>Width</b>         |         |      |                   |
| TW SAKT2             | 2.5 mm  | 20   | <b>0351820000</b> |
| <b>TSCH 2</b>        |         |      |                   |
|                      | 0.6 mm  | 100  | <b>0353660000</b> |
| <b>current</b>       |         |      |                   |
| QVS 2 SAKT1+2        | 41 A    | 20   | <b>0307300000</b> |
| QVS 3 SAKT1+2        | 41 A    | 20   | <b>0329300000</b> |
| QVS 4 SAKT1+2        | 41 A    | 20   | <b>0307400000</b> |
| VH 19/6/4.2 SAKT1    |         | 50   | <b>0318000000</b> |
| BS 25 O.IH SAKT1     |         | 50   | <b>0334700000</b> |
| <b>Width</b>         |         |      |                   |
| PS 4 F.STB 4         | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |         | 50   | <b>0169900000</b> |
| SSP 3 SAKT1          |         | 100  | <b>0531760000</b> |
| QS 2/8/4             |         | 20   | <b>0270960000</b> |

DEK 5/6,5

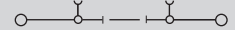
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

**SAKT 4/35/LT**

**4 mm<sup>2</sup>**



6 x 57.2 x 40  
**41 / 6**  
**0.13...6**



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300         | 300         |
| 32       | 20          | 20          |
| 4        | AWG 22...12 | AWG 26...10 |
| 6 / 3    |             |             |
| A3 / 5VA |             |             |



**Rated connection**

0.5...6 / 1.5...4  
0.5...4 / 0.5...4  
0.4...0.7 Nm (M 2.5)  
0.4...0.7 Nm  
10 / 0.6 x 3.5 mm

Two conductors with the same cross-section can be accommodated. 1.5 mm<sup>2</sup> solid and 0.5...1.5 mm<sup>2</sup> flexible

| Type                | Qty. | Order No.         |
|---------------------|------|-------------------|
| SAKT 4/35/LT O.STB  | 50   | <b>1272420000</b> |
| SAKT 4/35/LT STB2.0 | 50   | <b>1272520000</b> |

| Type                        | current | Qty. | Order No.         |
|-----------------------------|---------|------|-------------------|
| QL 2 SAK2.5                 | 41 A    | 100  | <b>0155900000</b> |
| QL 3 SAK2.5                 | 41 A    | 100  | <b>0156000000</b> |
| QL 4 SAK2.5                 | 41 A    | 50   | <b>0156100000</b> |
| QL 10 SAK2.5                | 41 A    | 20   | <b>0338100000</b> |
| VH 8/4.9/3.3 SAK2.5         |         | 100  | <b>0266700000</b> |
| KISC M3X15/6 SAK2.5 CU5     |         | 100  | <b>0377200000</b> |
| <b>Width</b>                |         |      |                   |
| TW AST1/PA HP/DBR/0.5       | 0.5 mm  | 20   | <b>0474700000</b> |
| <b>TSCH 2</b>               |         |      |                   |
|                             | 0.6 mm  | 100  | <b>0353660000</b> |
| <b>current</b>              |         |      |                   |
| QVS 2/4 SAKT4               |         | 20   | <b>1319260000</b> |
| <b>VH 16/5/3.5 SAK10-35</b> |         |      |                   |
|                             |         | 50   | <b>0309700000</b> |
| <b>BFSC M3X22 SAKT4</b>     |         |      |                   |
|                             |         | 50   | <b>1319900000</b> |
| <b>Width</b>                |         |      |                   |
| PS 2.0 OR                   | 5.4 mm  | 20   | <b>0293800000</b> |
| STB 8.5/D4.5/2/M3 SAKT4     |         | 50   | <b>0244600000</b> |
| SSP 4 SAKT4                 |         | 20   | <b>1319360000</b> |

DEK 5/6,5

To safe the test sockets use the SD-blade or bits with pilots!

## Terminals for temperature measuring circuits

### TS 35 / PA

Busbars made from thermocouple materials according to DIN IEC 584

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

#### Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |

#### Note

#### Ordering data

| Version            |  |
|--------------------|--|
| (NiCr - Ni) type K |  |
| (Cu - CuNi) type T |  |
| (Fe-CuNi) type J   |  |

#### Note

#### Accessories

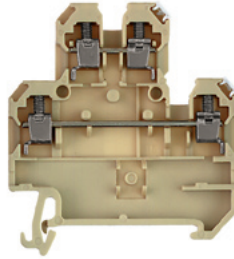
| End plate / Partition plate   |                  |
|---|------------------|
|  | beige            |
|   | beige            |
|   | Dark beige Wemid |

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### DK 4 Q/TC

4 mm<sup>2</sup>



6 x 54 x 59.5  
/ 4  
...4

IEC 60947-7-1 / IEC 60584

| IEC | UL      | CSA |
|-----|---------|-----|
|     |         |     |
| 4   |         |     |
|     | A3 / V2 |     |



#### Rated connection

|                     |
|---------------------|
| 0.5...4 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...1.0 Nm (M 3)  |
| 9 / 0.6 x 3.5 mm    |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| DK 4Q/35/TC TYP K | 100  | 1284160000 |
| DK 4Q/35/TC TYP T | 100  | 1285660000 |
| DK 4Q/35/TC TYP J | 100  | 1284060000 |

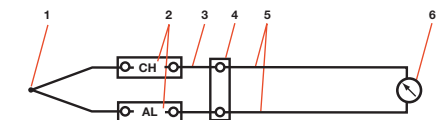
| Type              | Width  | Qty. | Order No.  |
|-------------------|--------|------|------------|
| AP DK4Q           | 1.5 mm | 20   | 1397160000 |
| TW SAKS2 HP/DBR/2 | 2 mm   | 20   | 0607000000 |
| WTW EN            | 3 mm   | 20   | 1058800000 |

DEK 5/6

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

#### Configuration of a temperature measuring circuit



- |                          |                                |
|--------------------------|--------------------------------|
| 1 Thermocouple (sensor)  | 4 Reference junction           |
| 2 Thermocouple terminals | 5 Supply and return conductors |
| 3 Compensating conductor | 6 Measuring instrument         |

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature measuring circuit.

#### Technical data

Thermocouples to IEC 584 (DIN 43 710)

| Terminal                      | Busbar material trade name |
|-------------------------------|----------------------------|
| <b>a) Type J</b>              |                            |
| <b>Fe</b><br>(positive leg)   | Iron                       |
| <b>CuNi</b><br>(negative leg) | Constantan                 |
| <b>b) Type T</b>              |                            |
| <b>Cu</b><br>(positive leg)   | Copper                     |
| <b>CuNi</b><br>(negative leg) | Constantan                 |
| <b>c) Type K</b>              |                            |
| <b>NiCr</b><br>(positive leg) | Chromel                    |
| <b>Ni</b><br>(negative leg)   | Alumel                     |



## Terminals with screw-less connections

With tab connection  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

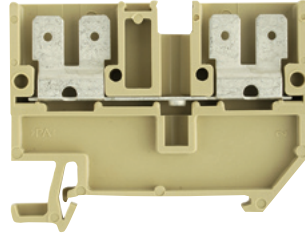
| Version |          |
|---------|----------|
|         | Slotted  |
|         | Not slit |
| Note    |          |

## Accessories

| Screwable cross-connection  |                 |
|---|-----------------|
|  | 2-pole          |
|   | 3-pole          |
|   | 4-pole          |
|   | 10-pole         |
| Plug-in adapter   |                 |
|   | 2-pole          |
|   | 3-pole          |
|   | 4-pole          |
|   | 5-pole          |
|   | 8-pole          |
| End plate / Partition plate   |                 |
|   | beige           |
|   | Medium yellow   |
|   | beige           |
| Small partition   |                 |
|   | Small partition |
| Testing / Checking  |                 |
|   | Test plug       |
|   | Socket          |
| Insulating sleeve   |                 |
|   | 2,8             |
|   | 6,3             |


| Marking systems  |                                 |
|--|---------------------------------|
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## AST 1 / 35

2.5 mm<sup>2</sup>

|                  |                    |                    |
|------------------|--------------------|--------------------|
| 6.5 x 58 x 46    | 6.3 6.3<br>2.8 2.8 | 6.3 6.3<br>2.8 2.8 |
| <b>20 / 2.5</b>  |                    |                    |
| <b>0.5...2.5</b> |                    |                    |

IEC 60947-7-1 / IEC 61210

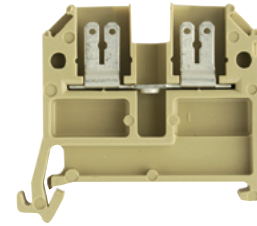
| IEC  | UL    | CSA |
|--|-------|-----|
| 500  | 600   | 300 |
| 20   | 13    | 16  |
| 2.5  |       |     |
|  | 6 / 3 |     |
|  | / V2  |     |
|                   |       |     |
| Rated connection   |       |     |
| 0.5...2.5  |       |     |
| Note   |       |     |
| The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves. |       |     |

| Type  | Qty. | Order No.         |
|---|------|-------------------|
| AST 1/35 6.3/2.8  | 50   | <b>0699660000</b> |
| AST 1/35 6.3  | 50   | <b>0664860000</b> |
| Note  |      |                   |
| Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |      |                   |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 SAK4                | 41 A    | 50   | <b>0336700000</b> |
| Q 3 SAK4                | 41 A    | 50   | <b>0336800000</b> |
| Q 4 SAK4                | 41 A    | 50   | <b>0336900000</b> |
| Q 10 SAK4               | 41 A    | 20   | <b>0368800000</b> |
| Width                   |         |      |                   |
| AP AST1+5 DB            | 1.5 mm  | 20   | <b>0266400000</b> |
| TW SAKS2 HP/DBR/2       | 2 mm    | 20   | <b>0607000000</b> |
| TSCH 1                  | 2 mm    | 100  | <b>0319160000</b> |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | <b>0168600000</b> |
| IH 2.8 DB               |         | 100  | <b>0386060000</b> |
| IH 6.3 WEM GE           |         | 100  | <b>0386260000</b> |


| Marking systems |         |
|-----------------|---------|
|                 | DEK 5/6 |

## AST 3/35

2.5 mm<sup>2</sup>

|                 |                    |                    |
|-----------------|--------------------|--------------------|
| 6.5 x 40 x 40.1 | 6.3 6.3<br>2.8 2.8 | 6.3 6.3<br>2.8 2.8 |
| <b>20 / 2.5</b> |                    |                    |
| <b>...2.5</b>   |                    |                    |

IEC 60947-7-1 / IEC 61210

| IEC  | UL    | CSA |
|--|-------|-----|
| 500  | 300   | 300 |
| 20   | 13    | 16  |
| 2.5  |       |     |
|  | 6 / 3 |     |
|  | / V2  |     |
|           |       |     |
| Rated connection   |       |     |
| 0.5...2.5  |       |     |
| Note   |       |     |
| Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |       |     |

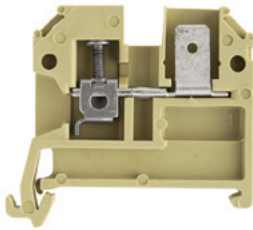
| Type             | Qty. | Order No.         |
|------------------|------|-------------------|
| AST 3/35 6.3/2.8 | 100  | <b>0460360000</b> |
| AST 3/35 6.3     | 100  | <b>0479360000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 SAK4                | 41 A    | 50   | <b>0336700000</b> |
| Q 3 SAK4                | 41 A    | 50   | <b>0336800000</b> |
| Q 4 SAK4                | 41 A    | 50   | <b>0336900000</b> |
| Q 10 SAK4               | 41 A    | 20   | <b>0368800000</b> |
| Width                   |         |      |                   |
| STA 2.5/2               |         | 100  | <b>0165860000</b> |
| STA 2.5/3               |         | 50   | <b>0165960000</b> |
| STA 2.5/4               |         | 50   | <b>0190360000</b> |
| STA 2.5/5               |         | 50   | <b>0166060000</b> |
| STA 2.5/8               |         | 50   | <b>0166160000</b> |
| AP AST3+4 KRG           | 3 mm    | 20   | <b>0298120000</b> |
| TW 4 SAK4-10            | 1.5 mm  | 20   | <b>0130160000</b> |
| TSCH 1                  | 2 mm    | 100  | <b>0319160000</b> |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | <b>0168600000</b> |
| IH 2.8 DB               |         | 100  | <b>0386060000</b> |
| IH 6.3 WEM GE           |         | 100  | <b>0386260000</b> |

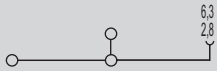
| Marking systems  |         |
|--|---------|
|  | DEK 5/6 |
| Pluggable adapter STA 2.5/2 - STA 2.5/8 only for PA - Version. |         |

AST 4/35

2.5 mm<sup>2</sup>



6.2 x 40 x 40.1  
20 / 4  
0.2...4



IEC 60947-7-1 / IEC 61210

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 500     | 300         | 300         |
| 20      | 13          | 16          |
| 2.5     | AWG 22...12 | AWG 24...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |



Rated connection

0.5...4 / 1.5...2.5  
0.5...2.5 / 0.5...2.5  
0.4...0.7 Nm (M 2.5)  
9 / 0.6 x 3.5 mm

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| AST 4/35 SF 6.3/2.8 | 100  | 0460460000 |
| AST 4/35 SF 6.3     | 100  | 0479460000 |

Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

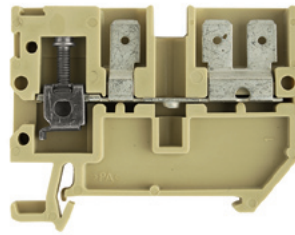
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| <b>Width</b>            |         |      |            |
| STA 2.5/2               |         | 100  | 0165860000 |
| STA 2.5/3               |         | 50   | 0165960000 |
| STA 2.5/4               |         | 50   | 0190360000 |
| STA 2.5/5               |         | 50   | 0166060000 |
| STA 2.5/8               |         | 50   | 0166160000 |
| <b>Width</b>            |         |      |            |
| AP SAK2.5/35 + AST3+4   | 1.5 mm  | 20   | 0460560000 |
| <b>Width</b>            |         |      |            |
| TW 4 SAK4-10            | 1.5 mm  | 20   | 0130160000 |
| <b>Width</b>            |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| <b>Width</b>            |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| <b>Width</b>            |         |      |            |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

DEK 5/6

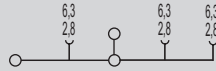
Pluggable adapter STA 2.5/2 - STA 2.5/8 only for PA - Version.

AST 5/35

4 mm<sup>2</sup>



6.5 x 58 x 46  
20 / 6  
0.2...6



IEC 60947-7-1 / IEC 61210

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 500     | 300         | 300         |
| 20      | 13          | 16          |
| 4       | AWG 22...12 | AWG 24...12 |
| 6 / 3   |             |             |
| A4 / V2 |             |             |



Rated connection

0.5...6 / 1.5...2.5  
0.5...4 / 0.5...4  
0.5...1.0 Nm (M 3)  
12 / 0.6 x 3.5 mm

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| AST 5/35 SF 6.3/2.8 | 50   | 0664960000 |

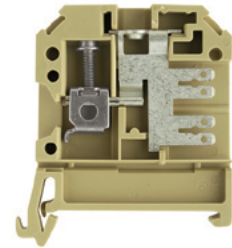
Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| <b>Width</b>            |         |      |            |
| AP AST1+5 DB            | 1.5 mm  | 20   | 0266400000 |
| <b>Width</b>            |         |      |            |
| TW AST1/PA HP/DBR/0.5   | 0.5 mm  | 20   | 0474700000 |
| <b>Width</b>            |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| <b>Width</b>            |         |      |            |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

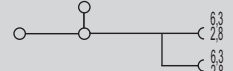
DEK 5/6,5

SAK 4 S/35

4 mm<sup>2</sup>



6.5 x 40 x 49.5  
20 / 6  
0.13...6



IEC 60947-7-1 / IEC 61210

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 500     | 600         | 300         |
| 20      | 13          | 13          |
| 4       | AWG 26...12 | AWG 26...12 |
| 6 / 3   |             |             |
| A4 / V2 |             |             |



Rated connection

0.5...6 / 1.5...4  
0.5...4 / 0.5...4  
0.5...1.0 Nm (M 3)  
12 / 0.6 x 3.5 mm

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| SAK 4 S/35 6.3/2.8 | 100  | 0630360000 |

Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAK4               | 32 A    | 100  | 0130600000 |
| QL 3 SAK4               | 32 A    | 100  | 0130700000 |
| QL 4 SAK4               | 32 A    | 50   | 0130800000 |
| QL 10 SAK4              | 32 A    | 20   | 0338200000 |
| <b>Width</b>            |         |      |            |
| AP SAK4-10              | 1.5 mm  | 20   | 0117960000 |
| <b>Width</b>            |         |      |            |
| TW 4 SAK4-10            | 1.5 mm  | 20   | 0130160000 |
| <b>Width</b>            |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| <b>Width</b>            |         |      |            |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

DEK 5/6,5

## Terminals with screw-less connections

With tab connection  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

| Version |          |
|---------|----------|
|         | Slotted  |
|         | Not slit |
| Note    |          |

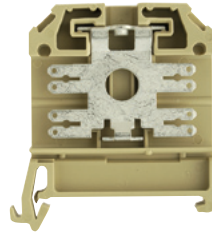
## Accessories

| Screwable cross-connection  |                 |
|-----------------------------|-----------------|
|                             | 2-pole          |
|                             | 3-pole          |
|                             | 4-pole          |
|                             | 10-pole         |
| Plug-in adapter             |                 |
|                             | 2-pole          |
|                             | 3-pole          |
|                             | 4-pole          |
|                             | 5-pole          |
|                             | 8-pole          |
| End plate / Partition plate |                 |
|                             | beige           |
|                             | Medium yellow   |
|                             | beige           |
| Small partition             |                 |
|                             | Small partition |
| Testing / Checking          |                 |
|                             | Test plug       |
|                             | Socket          |
| Insulating sleeve           |                 |
|                             | 2,8             |
|                             | 6,3             |

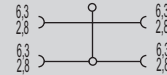
**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## SAK 4 SS/35

2.5 mm<sup>2</sup>

6.5 x 40 x 49.5  
**20 / 2.5**  
**0.5...2.5**



IEC 60947-7-1 / IEC 61210

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 | 600         | 300         |
| 20  | 13          | 13          |
| 2.5 | AWG 26...12 | AWG 26...12 |
|     | 6 / 3       |             |
|     | / V2        |             |



## Rated connection

0.5...2.5

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

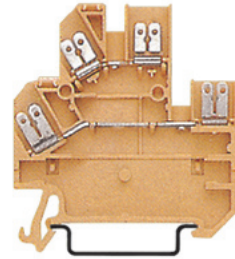
| Type  | Qty. | Order No.         |
|---|------|-------------------|
| SAK 4 SS/35 6.3/2.8   | 100  | <b>0630460000</b> |
| Note  |      |                   |
| Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |      |                   |

| Type       | current | Qty. | Order No.         |
|------------|---------|------|-------------------|
| QL 2 SAK4  | 32 A    | 100  | <b>0130600000</b> |
| QL 3 SAK4  | 32 A    | 100  | <b>0130700000</b> |
| QL 4 SAK4  | 32 A    | 50   | <b>0130800000</b> |
| QL 10 SAK4 | 32 A    | 20   | <b>0338200000</b> |

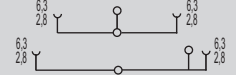
|                    | Width  |     |                   |
|--------------------|--------|-----|-------------------|
| AP SAK4-10         | 1.5 mm | 20  | <b>0117960000</b> |
| TW 4 SAK4-10       | 1.5 mm | 20  | <b>0130160000</b> |
| Testing / Checking |        |     |                   |
| IH 2.8 DB          |        | 100 | <b>0386060000</b> |
| IH 6.3 WEM GE      |        | 100 | <b>0386260000</b> |

DEK 5/6,5

## DK 4 SS/35

2.5 mm<sup>2</sup>

6 x 54 x 60.5  
**20 / 2.5**  
**0.5...2.5**



IEC 60947-7-1 / IEC 61210

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 300         | 300         |
| 20  | 10          | 10          |
| 2.5 | AWG 22...12 | AWG 22...12 |
|     | 4 / 3       |             |
|     | / V2        |             |



## Rated connection

0.5...2.5

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 and 2 x F 2.8

| Type                   | Qty. | Order No.         |
|------------------------|------|-------------------|
| DK 4SS/35 FF 4X6.3/2.8 | 100  | <b>0217160000</b> |
| Note                   |      |                   |

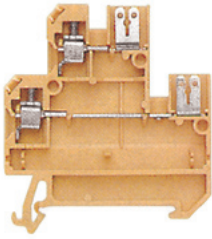
| Type      | current | Qty. | Order No.         |
|-----------|---------|------|-------------------|
| Q 2 AKZ4  | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4  | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4  | 32 A    | 50   | <b>0336600000</b> |
| Q 10 AKZ4 | 32 A    | 20   | <b>0368600000</b> |

|                         | Width  |     |                   |
|-------------------------|--------|-----|-------------------|
| AP DK4S                 |        | 20  | <b>0631360000</b> |
| Testing / Checking      |        |     |                   |
| TSCH 6 DKI S4           | 5 mm   | 100 | <b>0190260000</b> |
| PS 2.3 RT               | 5.4 mm | 20  | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50  | <b>0215700000</b> |
| IH 2.8 DB               |        | 100 | <b>0386060000</b> |
| IH 6.3 WEM GE           |        | 100 | <b>0386260000</b> |

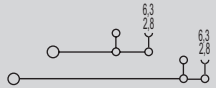
DEK 5/6

DK 4 S

4 mm<sup>2</sup>



6 x 54 x 59.5  
**20 / 4**  
**0.33...4**



IEC 60947-7-1 / IEC 61210

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 300         | 300         |
| 10  | 10          | 10          |
| 4   | AWG 22...12 | AWG 22...12 |
|     | 6 / 3       |             |
|     | A3 / V2     |             |

UL, CE, RoHS, REACH, VDE, TÜV

**Rated connection**

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...0.8 Nm (M 3)

8 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A supplied via F 6.3 or 2 x F 2.8.

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4S/35 SF 6.3/2.8 | 100  | 0686660000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| <b>Width</b>            |         |      |            |
| AP DK4S                 |         | 20   | 0631360000 |
| TSCH 6 DK1 S4           | 5 mm    | 100  | 0190260000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

DEK 5/6

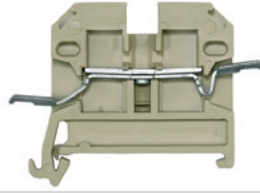
## Terminals with screw-less connections

with solder connection  
TS 35 / PA

## SAK 2.5 LL

1.5 mm<sup>2</sup>

solder connection both sides



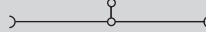
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

6 x 55 x 46.5

17.5 / 1.5

0.13...1.5



## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

IEC 60947-7-1 / IEC 60068-2-20

| IEC  | UL | CSA         |
|------|----|-------------|
| 250  |    | 300         |
| 17.5 |    | 10          |
| 1.5  |    | AWG 26...12 |
|      |    | 4 / 3       |
|      |    | / V2        |



## Rated connection

|           |
|-----------|
| 0.5...1.5 |
| 0.5...1.5 |

Solder connection both sides with max. 1.5 mm<sup>2</sup> conductor

## Ordering data

## Version

beige

## Note

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAK 2.5/35 LL | 100  | 0567260000 |

## Accessories

## Screwable cross-connection



|         |
|---------|
| 10-pole |
| 2-pole  |
| 3-pole  |
| 4-pole  |

## Testing / Checking

|           |
|-----------|
| Socket    |
| Test plug |

## End plate / Partition plate

|                       |
|-----------------------|
| beige                 |
| Blue                  |
| beige                 |
| Tropical applications |

## Small partition

Small partition

## Cover / warning label

|                          |
|--------------------------|
| Cover / warning label    |
| Mounting screw (plastic) |

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| Q 10 SAK2.5 | 41 A    | 20   | 0368700000 |
| Q 2 SAK2.5  | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5  | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5  | 41 A    | 50   | 0337200000 |

## Width

|                         |        |            |
|-------------------------|--------|------------|
| STB 8.5/5/2.3/M3 SAK2.5 | 50     | 0280600000 |
| PS 2.3 RT               | 5.4 mm | 0180400000 |

|                      |        |    |            |
|----------------------|--------|----|------------|
| AP SAK2.5            | 1.5 mm | 20 | 0279560000 |
| AP SAK2.5 BL         | 1.5 mm | 20 | 0279580000 |
| TW SAK2.5            | 2.5 mm | 20 | 0302860000 |
| TW SAK2.5 HP/TF/GE/1 | 1 mm   | 20 | 0297100000 |

|        |      |     |            |
|--------|------|-----|------------|
| TSCH 1 | 2 mm | 100 | 0319160000 |
|--------|------|-----|------------|

|                  |     |            |
|------------------|-----|------------|
| AD 4 AKZ4        | 50  | 0303400000 |
| BFSC M3X22 PA/RT | 100 | 0128900000 |

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6



## Special terminals - SAKG

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

Medium yellow

## Note

## Accessories

## Screwable cross-connection



2-pole  
3-pole  
4-pole

## End plate / Partition plate

dark brown  
Tropical applications  
dark brown  
Tropical applications

## Cover / warning label

Cover / warning label

## SAKG 32 I

50 mm<sup>2</sup>

32 x 87 x 84.5

192 / 70

10...70



IEC 60947-7-1

| IEC       | UL          | CSA         |
|-----------|-------------|-------------|
| 1000      | 600         | 600         |
| 150       | 165         | 170         |
| 50        | AWG 6...3/0 | AWG 1...2/0 |
| 8 / 3     |             |             |
| B11 / 5VA |             |             |

## Rated connection

|                   |
|-------------------|
| 10...16 / 10...70 |
| 10...70 / 10...70 |
| 6.0...12 Nm (M 8) |
| 26 /              |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAKG 32/35 I | 10   | 0637120000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG32+70          | 150 A   | 5    | 0194000000 |
| QL 3 SAKG32+70          | 150 A   | 5    | 0441500000 |
| QL 4 SAKG32+70          | 150 A   | 5    | 0441600000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 32 SAKG32            | 30 mm   | 5    | 0326760000 |

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

Ordering data

| Version |               |
|---------|---------------|
|         | Medium yellow |
| Note    |               |

Accessories

| Screwable cross-connection  |                       |
|---|-----------------------|
|  | 2-pole                |
|   | 3-pole                |
|   | 4-pole                |
| End plate / Partition plate   |                       |
|   | dark brown            |
|   | Tropical applications |
|   | dark brown            |
|   | Tropical applications |
| Cover / warning label   |                       |
|   | Cover / warning label |

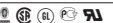
**Marking systems** (see assortment in catalogue 7)  
Marking tags  
**For detailed information on other accessories and applications, refer to the „Accessories“ section**

SAKG 32 II

50 mm<sup>2</sup>



|                 |   |
|-----------------|---|
| 32 x 80 x 53    |   |
| <b>192 / 70</b> |  |
| <b>10...70</b>  |   |

| IEC 60947-7-1  |             |             |
|--|-------------|-------------|
| IEC  | UL          | CSA         |
| 1000   | 600         | 600         |
| 150  | 200         | 170         |
| 50   | AWG 6...3/0 | AWG 1...2/0 |
|  | 8 / 3       |             |
|  | / 5VA       |             |
|                         |             |             |
| Rated connection   |             |             |
| 6.0...12 Nm (M 8)  |             |             |
| Note   |             |             |
| Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 .. 70 mm <sup>2</sup> |             |             |

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKG 32/35 II | 10   | <b>0637320000</b> |

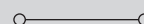
| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG32+70          | 150 A   | 5    | <b>0194000000</b> |
| QL 3 SAKG32+70          | 150 A   | 5    | <b>0441500000</b> |
| QL 4 SAKG32+70          | 150 A   | 5    | <b>0441600000</b> |
| Width                   |         |      |                   |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | <b>0180700000</b> |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | <b>0180800000</b> |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |
| AH 32 SAKG32            | 30 mm   | 5    | <b>0326760000</b> |


DEK 5/5

SAKG 32 II G

50 mm<sup>2</sup>



|                 |   |
|-----------------|---|
| 32 x 80 x 53    |   |
| <b>192 / 70</b> |  |
| <b>10...70</b>  |   |

| IEC 60947-7-1  |             |             |
|--|-------------|-------------|
| IEC  | UL          | CSA         |
| 1000   | 600         | 600         |
| 150  | 200         | 170         |
| 50   | AWG 6...3/0 | AWG 1...2/0 |
|  | 8 / 3       |             |
|  | / 5VA       |             |
|                       |             |             |
| Rated connection   |             |             |
| 6.0...12 Nm (M 8)  |             |             |
| Note   |             |             |
| Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 .. 70 mm <sup>2</sup> |             |             |

| Type             | Qty. | Order No.         |
|------------------|------|-------------------|
| SAKG 32/35 II/GW | 10   | <b>0637420000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG32+70          | 150 A   | 5    | <b>0194000000</b> |
| QL 3 SAKG32+70          | 150 A   | 5    | <b>0441500000</b> |
| QL 4 SAKG32+70          | 150 A   | 5    | <b>0441600000</b> |
| Width                   |         |      |                   |
| EP 1 SAKG32/35 HP/DBR   | 2 mm    | 10   | <b>0180500000</b> |
| EP 1 SAKG32/35 HP/TF/GE | 2 mm    | 10   | <b>0180600000</b> |
| TW SAKG28 HP/DBR/2      | 2 mm    | 10   | <b>0151400000</b> |
| TW SAKG28 HP/TF/GE/2    | 2 mm    | 10   | <b>0164600000</b> |
| AH 32 SAKG32            | 30 mm   | 5    | <b>0326760000</b> |

DEK 5/5

## Special terminals - SAKG

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

Medium yellow

## Note

## Accessories

## Screwable cross-connection



2-pole  
3-pole  
4-pole

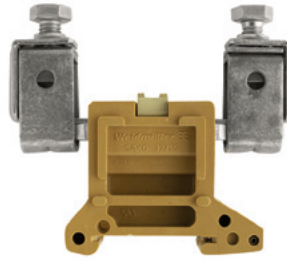
## End plate / Partition plate

dark brown  
Tropical applications  
dark brown  
Tropical applications

## Cover / warning label

Cover / warning label

## SAKG 32 III

50 mm<sup>2</sup>

32 x 94 x 84.5

192 / 70

10...70



IEC 60947-7-1

| IEC       | UL          | CSA         |
|-----------|-------------|-------------|
| 1000      | 600         | 600         |
| 150       | 165         | 185         |
| 50        | AWG 6...3/0 | AWG 1...2/0 |
| 8 / 3     |             |             |
| B11 / 5VA |             |             |

## Rated connection

10...16 / 10...70  
10...70 / 10...70  
6.0...12 Nm (M 8)  
26 /

A tightening torque of 12 Nm must be applied to 50 - 70 mm<sup>2</sup> stranded and AWG 2 - 3/0 7-core connections.

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAKG 32/35 III | 10   | 0637220000 |

| Type                    | Qty.  | Order No.     |
|-------------------------|-------|---------------|
| <b>Width</b>            |       |               |
| EP 2 SAKG46/35 HP/DBR   | 2 mm  | 10 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm  | 10 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm  | 10 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm  | 10 0179900000 |
| AH 32 SAKG32            | 30 mm | 5 0326760000  |

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

## SAKG 70 II G

70 mm<sup>2</sup>

32 x 84 x 51.4

192 / 95

10...95



IEC 60947-7-1

| IEC   | UL          | CSA           |
|-------|-------------|---------------|
| 1000  |             | 600           |
| 192   |             | 200           |
| 70    | AWG 6...3/0 | AWG 2/0...4/0 |
| 8 / 3 |             |               |
| / 5VA |             |               |

## Rated connection

10...16  
6.0...12 Nm (M 8)

Conductor connection with cable lugs according to DIN 46234 with 16..95 mm<sup>2</sup> and DIN 46235 with 10 .. 50 mm<sup>2</sup>

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAKG 70/35 II/GW | 10   | 0636620000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG32+70          | 150 A   | 5    | 0194000000 |
| QL 3 SAKG32+70          | 150 A   | 5    | 0441500000 |
| QL 4 SAKG32+70          | 150 A   | 5    | 0441600000 |
| <b>Width</b>            |         |      |            |
| EP 1 SAKG32/35 HP/DBR   | 2 mm    | 10   | 0180500000 |
| EP 1 SAKG32/35 HP/TF/GE | 2 mm    | 10   | 0180600000 |
| TW SAKG28 HP/DBR/2      | 2 mm    | 10   | 0151400000 |
| TW SAKG28 HP/TF/GE/2    | 2 mm    | 10   | 0164600000 |
| AH 32 SAKG32            | 30 mm   | 5    | 0326760000 |

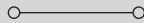
DEK 5/5

SAKG 40 I

95 mm<sup>2</sup>



40 x 94 x 84.5  
232 / 95  
10...95



IEC 60947-7-1

| IEC       | UL            | CSA           |
|-----------|---------------|---------------|
| 1000      | 600           | 600           |
| 232       | 195           | 250           |
| 95        | AWG 2/0...4/0 | AWG 2/0...4/0 |
| 8 / 3     |               |               |
| B12 / 5VA |               |               |



Rated connection

10...16 / 10...95  
10...95 / 10...95  
10...20 Nm (M 10)  
25 /

Conductor connection with cable lugs acc. to DIN 46234 from 10 .. 95 mm<sup>2</sup>

SAKG 40 II

95 mm<sup>2</sup>



40 x 90 x 53  
232 / 95  
10...95



IEC 60947-7-1

| IEC   | UL          | CSA           |
|-------|-------------|---------------|
| 1000  | 600         | 600           |
| 232   | 230         | 250           |
| 95    | AWG 1...4/0 | AWG 2/0...4/0 |
| 8 / 3 |             |               |
| / 5VA |             |               |



Rated connection

...16  
10...20 Nm (M 10)

Conductor connection with cable lugs according to DIN 46234, from 10 .. 95 mm<sup>2</sup>

SAKG 40 II GW

95 mm<sup>2</sup>



40 x 90 x 53  
232 / 95  
10...95



IEC 60947-7-1

| IEC   | UL          | CSA           |
|-------|-------------|---------------|
| 1000  | 600         | 600           |
| 232   | 230         | 250           |
| 95    | AWG 1...4/0 | AWG 2/0...4/0 |
| 8 / 3 |             |               |
| / 5VA |             |               |



Rated connection

...16  
10...20 Nm (M 10)

Conductor connection with cable lugs according to DIN 46234, from 10 .. 95 mm<sup>2</sup>

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAKG 40/35 I | 5    | 0637520000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKG 40/35 II | 5    | 0637720000 |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAKG 40/35 II/GW | 5    | 0637820000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG40/35          | 232 A   | 5    | 0211400000 |
| QL 3 SAKG40/35          | 232 A   | 5    | 0444900000 |
| QL 4 SAKG40/35          | 232 A   | 5    | 0445000000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 40 SAKG40            | 38 mm   | 5    | 0326860000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG40/35          | 232 A   | 5    | 0211400000 |
| QL 3 SAKG40/35          | 232 A   | 5    | 0444900000 |
| QL 4 SAKG40/35          | 232 A   | 5    | 0445000000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 40 SAKG40            | 38 mm   | 5    | 0326860000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG40/35          | 232 A   | 5    | 0211400000 |
| QL 3 SAKG40/35          | 232 A   | 5    | 0444900000 |
| QL 4 SAKG40/35          | 232 A   | 5    | 0445000000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 40 SAKG40            | 38 mm   | 5    | 0326860000 |

DEK 5/5

DEK 5/5

DEK 5/5

## Special terminals - SAKG

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

Medium yellow

## Note

## Accessories

## Screwable cross-connection



2-pole  
3-pole  
4-pole

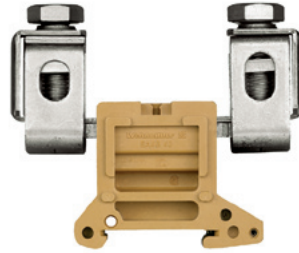
## End plate / Partition plate

dark brown  
Tropical applications  
dark brown  
Tropical applications

## Cover / warning label

Cover / warning label

## SAKG 40 III

95 mm<sup>2</sup>

40 x 98 x 84.5

232 / 95

10...95



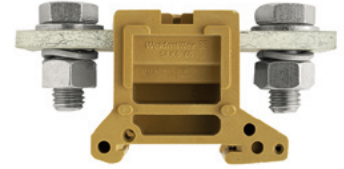
IEC 60947-7-1

| IEC       | UL          | CSA           |
|-----------|-------------|---------------|
| 1000      | 600         | 600           |
| 232       | 195         | 230           |
| 95        | AWG 1...4/0 | AWG 2/0...4/0 |
| 8 / 3     |             |               |
| B12 / 5VA |             |               |

## Rated connection

|                   |
|-------------------|
| 10...16 / 10...95 |
| 10...95 / 10...95 |
| 16...20 Nm (M 10) |
| 25 /              |

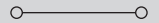
## SAKG 46 II

150 mm<sup>2</sup>

46 x 106 x 57

353 / 185

10...185



IEC 60947-7-1

| IEC   | UL            | CSA         |
|-------|---------------|-------------|
| 1000  | 600           | 600         |
| 309   | 285           | 365         |
| 150   | AWG 4/0...300 | AWG 4...300 |
| 8 / 3 |               |             |
| / 5VA |               |             |

## Rated connection

|                 |
|-----------------|
| 10...16         |
| 14...31 Nm M 12 |

Conductor connection with cable lugs according to DIN 46234, from 10 ... 185 mm<sup>2</sup> and DIN 46235, from 25 ... 150 mm<sup>2</sup>

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAKG 40/35 III | 5    | 0637620000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKG 46/35 II | 5    | 0637920000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| QL 2 SAKG46 | 309 A   | 5    | 0247000000 |
| QL 3 SAKG46 | 309 A   | 5    | 0444400000 |
| QL 4 SAKG46 | 309 A   | 5    | 0444500000 |

| Width                   |      |    |            |
|-------------------------|------|----|------------|
| EP 2 SAKG46/35 HP/DBR   | 2 mm | 10 | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm | 10 | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm | 10 | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm | 10 | 0179900000 |

| Width                   |      |    |            |
|-------------------------|------|----|------------|
| EP 2 SAKG46/35 HP/DBR   | 2 mm | 10 | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm | 10 | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm | 10 | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm | 10 | 0179900000 |

|              |       |   |            |
|--------------|-------|---|------------|
| AH 40 SAKG40 | 38 mm | 5 | 0326860000 |
|--------------|-------|---|------------|

|              |       |   |            |
|--------------|-------|---|------------|
| AH 46 SAKG46 | 46 mm | 5 | 0326960000 |
|--------------|-------|---|------------|

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

DEK 5/5

**SAKG 46 II GW**

150 mm<sup>2</sup>



46 x 106 x 57  
**353 / 185**  
 10...185



IEC 60947-7-1

| IEC   | UL                  | CSA         |
|-------|---------------------|-------------|
| 1000  | 600                 | 600         |
| 309   | 285                 | 365         |
| 150   | AWG 4/0...kcmil 300 | AWG 1...300 |
| 8 / 3 |                     |             |
| / 5VA |                     |             |



**Rated connection**

10...16

14...31 Nm M 12

Conductor connection with cable lugs according to DIN 46234, from 10 .. 185 mm<sup>2</sup> and DIN 46235, from 25 .. 150 mm<sup>2</sup>

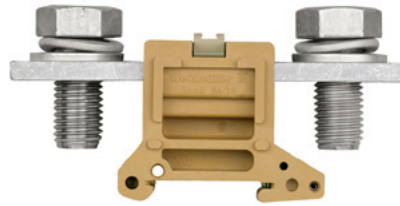
| Type             | Qty. | Order No.         |
|------------------|------|-------------------|
| SAKG 46/35 II/GW | 5    | <b>0638020000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG46             | 309 A   | 5    | <b>0247000000</b> |
| QL 3 SAKG46             | 309 A   | 5    | <b>0444400000</b> |
| QL 4 SAKG46             | 309 A   | 5    | <b>0444500000</b> |
| Width                   |         |      |                   |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | <b>0180700000</b> |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | <b>0180800000</b> |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |
| AH 46 SAKG46            | 46 mm   | 5    | <b>0326960000</b> |

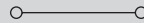
DEK 5/5

**SAKG 54 II**

240 mm<sup>2</sup>



54 x 122 x 60.5  
**415 / 240**  
 10...240



IEC 60947-7-1

| IEC   | UL                    | CSA                   |
|-------|-----------------------|-----------------------|
| 1000  | 600                   | 600                   |
| 415   | 380                   | 600                   |
| 240   | kcmil 300...kcmil 500 | kcmil 300...kcmil 500 |
| 8 / 3 |                       |                       |
| / 5VA |                       |                       |



**Rated connection**

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 .. 240 mm<sup>2</sup>

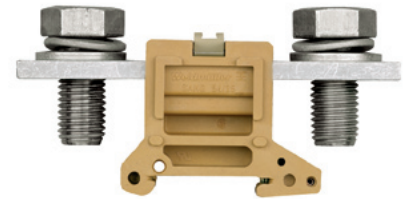
| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKG 54/35 II | 5    | <b>0638120000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG54             | 415 A   | 5    | <b>0264400000</b> |
| QL 3 SAKG54             | 415 A   | 5    | <b>0408000000</b> |
| QL 4 SAKG54             | 415 A   | 5    | <b>0247400000</b> |
| Width                   |         |      |                   |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | <b>0180700000</b> |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | <b>0180800000</b> |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |

DEK 5/5

**SAKG 54 II GW**

240 mm<sup>2</sup>



54 x 122 x 60.5  
**415 / 240**  
 10...240



IEC 60947-7-1

| IEC   | UL                    | CSA                   |
|-------|-----------------------|-----------------------|
| 1000  | 600                   | 600                   |
| 415   | 380                   | 600                   |
| 240   | kcmil 300...kcmil 500 | kcmil 300...kcmil 500 |
| 8 / 3 |                       |                       |
| / 5VA |                       |                       |



**Rated connection**

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 .. 240 mm<sup>2</sup>

| Type             | Qty. | Order No.         |
|------------------|------|-------------------|
| SAKG 54/35 II/GW | 5    | <b>0638220000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG54             | 415 A   | 5    | <b>0264400000</b> |
| QL 3 SAKG54             | 415 A   | 5    | <b>0408000000</b> |
| QL 4 SAKG54             | 415 A   | 5    | <b>0247400000</b> |
| Width                   |         |      |                   |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | <b>0180700000</b> |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | <b>0180800000</b> |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |

DEK 5/5

## Stud Terminal - KST

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

Tightening torque range (clamping screw)

## Note

## Ordering data

| Version        |
|----------------|
| TS 35 x 7,5    |
| TS 35 x 15/2,3 |

## Note

## Accessories

| Screwable cross-connection |        |
|----------------------------|--------|
|                            | 2-pole |

| Partition plate |       |
|-----------------|-------|
|                 | left  |
|                 | right |

## KST 5/35

10 mm<sup>2</sup>

24 x 62.5 x 49.5

57 /



| IEC   | UL         | CSA       |
|-------|------------|-----------|
| 1000  | 600        | 600       |
| 57    | 50         | 65        |
| 10    | AWG 12...6 | AWG 8...2 |
| 8 / 3 |            |           |
| / V2  |            |           |



## Rated connection

2.0...4.0 Nm

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| KST 5/35 M5X18 | 25   | 9528300000 |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| Width                   |      |            |
| TW KST5-12 LI/NO 160/HM | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM | 10   | 1718530000 |

Marking systems (see assortment in catalogue 7)  
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

## KST 6/35

16 mm<sup>2</sup>

24 x 60 x 54.5

76 /

...



| IEC   | UL         | CSA        |
|-------|------------|------------|
| 1000  | 600        | 600        |
| 76    | 65         | 80         |
| 16    | AWG 12...6 | AWG 12...6 |
| 8 / 3 |            |            |
| / V2  |            |            |



## Rated connection

3.0...6.0 Nm

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| KST 6/35 M6X22 | 25   | 9506940000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST6               | 76 A    | 5    | 9501350000 |
| Width                   |         |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

**KST 8/35**

**35 mm<sup>2</sup>**



24 x 62.5 x 72

125 /

...



| IEC  | UL         | CSA        |
|------|------------|------------|
| 1000 | 600        | 600        |
| 125  | 115        | 130        |
| 35   | AWG 12...2 | AWG 12...2 |
|      | 8 / 3      |            |
|      | / V2       |            |



**Rated connection**

6.0...12 Nm

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| KST 8/35 M8X30 | 25   | 9506950000 |
| KST 8/35 M8X30 | 25   | 9528320000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST8               | 125 A   | 5    | 9501360000 |
|                         | Width   |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

**KST 10/35**

**70 mm<sup>2</sup>**



34 x 60 x 82

192 /

...



| IEC  | UL           | CSA          |
|------|--------------|--------------|
| 1000 | 600          | 600          |
| 232  | 175          | 200          |
| 70   | AWG 12...2/0 | AWG 12...2/0 |
|      | 8 / 3        |              |
|      | / V2         |              |



**Rated connection**

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| KST 10/35 M10X39 | 20   | 9506960000 |
| KST 10/35 M10X39 | 20   | 9528330000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST10              |         | 5    | 9501370000 |
|                         | Width   |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

**KST 12/35**

**95 mm<sup>2</sup>**



34 x 60 x 74.5

232 /

...



| IEC  | UL         | CSA     |
|------|------------|---------|
| 1000 | 600        | 600     |
| 232  | 200        | 250     |
| 95   | AWG 12...3 | ...0000 |
|      | 8 / 3      |         |
|      | / V2       |         |



**Rated connection**

14...31 Nm

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| KST 12/35 M12X37 | 20   | 9506970000 |
| KST 12/35 M12X37 | 20   | 9528340000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST12              | 232 A   | 5    | 9501380000 |
|                         | Width   |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

## Terminals with electronic components

With electronic components  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | -               |
| Operating voltage for display, min. / Current  | V/mA            |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

| Version |           |
|---------|-----------|
|         | Red LED   |
|         | Green LED |
|         | Neon lamp |
| Note    |           |

## Accessories

| Screwable cross-connection  |                   |
|-----------------------------|-------------------|
|                             | 2-pole            |
|                             | 3-pole            |
|                             | 4-pole            |
|                             | 10-pole           |
| External cross-connection   |                   |
|                             | 2-pole            |
|                             | 3-pole            |
|                             | 4-pole            |
| Switchable link             |                   |
|                             | Switchable link   |
|                             | Connecting sleeve |
|                             | Mounting screw    |
| Testing / Checking          |                   |
|                             | Test plug         |
|                             | Socket            |
| End plate / Partition plate |                   |
|                             | beige             |
| Small partition             |                   |
|                             | Small partition   |

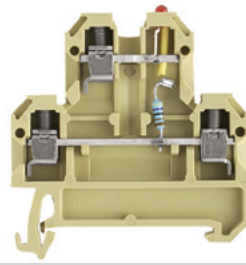
**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## DK 4 LD/1

4 mm<sup>2</sup>

## DC voltage indicator



|               |  |
|---------------|--|
| 6 x 50 x 52.5 |  |
| 10 / 4        |  |
| 0.5...4       |  |

IEC 60947-7-1

| IEC                | UL      | CSA |
|--------------------|---------|-----|
| 24                 |         |     |
| 10                 |         |     |
| 4                  |         |     |
|                    | 1 / 3   |     |
|                    | A3 / V2 |     |
|                    |         |     |
|                    |         |     |
| 24 / 5             |         |     |
| Rated connection   |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...1.0 Nm (M 3) |         |     |
| 9 / 0.6 x 3.5 mm   |         |     |
| Note               |         |     |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4/35 LD GR 24VDC | 25   | 0395460000 |
| Note                |      |            |

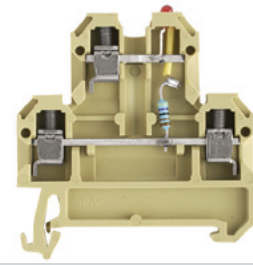
| Type                        | current | Qty. | Order No.  |
|-----------------------------|---------|------|------------|
| Q 2 AKZ4                    | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                    | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                    | 32 A    | 50   | 0336600000 |
| External cross-connection   |         |      |            |
| QB 2 WI RA6 IS              | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS              | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS              | 27 A    | 50   | 0482900000 |
| Switchable link             |         |      |            |
| VL 2 AKZ4/DK4               |         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4            |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N       |         | 100  | 0266800000 |
| Testing / Checking          |         |      |            |
| PS 2.3 RT                   | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ     |         | 50   | 0215700000 |
| End plate / Partition plate |         |      |            |
| AP DK4                      | 1.5 mm  | 20   | 0359260000 |
| Small partition             |         |      |            |
| TSCH 4 AKZ4                 | 6 mm    | 100  | 0363360000 |
| Note                        |         |      |            |

DEK 5/6

## DK 4 LD/2

4 mm<sup>2</sup>

## DC voltage indicator



|               |  |
|---------------|--|
| 6 x 50 x 52.5 |  |
| 10 / 4        |  |
| 0.5...4       |  |

IEC 60947-7-1

| IEC                | UL      | CSA |
|--------------------|---------|-----|
| 24                 |         |     |
| 10                 |         |     |
| 4                  |         |     |
|                    | 1 / 3   |     |
|                    | A3 / V2 |     |
|                    |         |     |
|                    |         |     |
| 24 / 5             |         |     |
| Rated connection   |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...1.0 Nm (M 3) |         |     |
| 9 / 0.6 x 3.5 mm   |         |     |
| Note               |         |     |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4/35 LD GR 24VDC | 25   | 0395760000 |
| Note                |      |            |

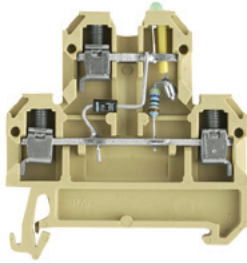
| Type                        | current | Qty. | Order No.  |
|-----------------------------|---------|------|------------|
| Q 2 AKZ4                    | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                    | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                    | 32 A    | 50   | 0336600000 |
| External cross-connection   |         |      |            |
| QB 2 WI RA6 IS              | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS              | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS              | 27 A    | 50   | 0482900000 |
| Switchable link             |         |      |            |
| VL 2 AKZ4/DK4               |         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4            |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N       |         | 100  | 0266800000 |
| Testing / Checking          |         |      |            |
| PS 2.3 RT                   | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ     |         | 50   | 0215700000 |
| End plate / Partition plate |         |      |            |
| AP DK4                      | 1.5 mm  | 20   | 0359260000 |
| Small partition             |         |      |            |
| TSCH 4 AKZ4                 | 6 mm    | 100  | 0363360000 |
| Note                        |         |      |            |

DEK 5/6

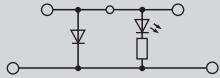
**DK 4 LD/3**

4 mm<sup>2</sup>

DC voltage indicator



6 x 50 x 52.5  
10 / 4  
0.5...4



IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 24  |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

**Rated connection**

0.5...4 / 0.5...4  
0.5...4 / 0.5...4  
0.5...1.0 Nm (M 3)  
9 / 0.6 x 3.5 mm

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| DK 4/35 LD ROT 24VDC | 25   | 0210260000 |
| DK 4/35 LD GR 24VDC  | 25   | 0210460000 |

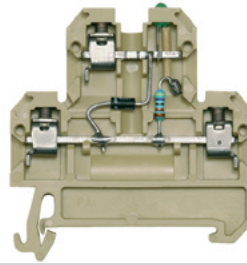
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| <b>Width</b>            |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
| VL 2 AKZ4/DK4           | 32 A    | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| <b>Width</b>            |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

DEK 5/6

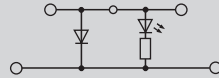
**DK 4 LD/4**

4 mm<sup>2</sup>

DC voltage indicator



6 x 50 x 52.5  
10 / 4  
0.5...4



IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 24  |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

**Rated connection**

0.5...4 / 0.5...4  
0.5...4 / 0.5...4  
0.5...1.0 Nm (M 3)  
9 / 0.6 x 3.5 mm

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4/35 LD GR 24VDC | 25   | 0210060000 |

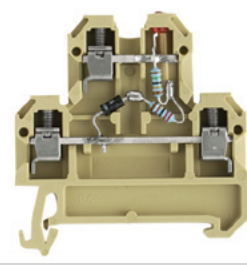
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| <b>Width</b>            |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
| VL 2 AKZ4/DK4           | 32 A    | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| <b>Width</b>            |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

DEK 5/6

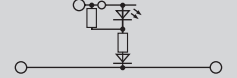
**DK 4 LD/5**

4 mm<sup>2</sup>

AC voltage indicator



6 x 50 x 52.5  
10 / 4  
0.5...4



IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 24  |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

**Rated connection**

0.5...4 / 0.5...4  
0.5...4 / 0.5...4  
0.5...1.0 Nm (M 3)  
9 / 0.6 x 3.5 mm

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| DK 4/35 LD 1D ROT 24VAC | 25   | 0395960000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| <b>Width</b>            |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
| VL 2 AKZ4/DK4           | 32 A    | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| <b>Width</b>            |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

DEK 5/6

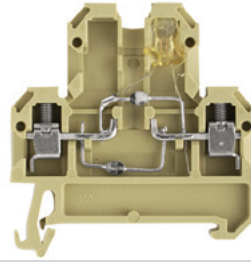
## Terminals with electronic components

With electronic components  
TS 35 / PA

DK 4 GL I

4 mm<sup>2</sup>

## Current indicator



6 x 50 x 52.5

/ 4

0.33...4



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5 mm  
max. current / max. cond. cross-section A/mm<sup>2</sup>  
Max. clamping range mm<sup>2</sup>

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | -               |
| Operating voltage for display, min. / Current  | V/A             |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |


| IEC                | UL      | CSA |
|--------------------|---------|-----|
| 250                |         |     |
| 10                 |         |     |
| 4                  |         |     |
|                    | 1 / 3   |     |
|                    | A3 / V2 |     |
| 3 / 1              |         |     |
| Rated connection   |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...1.0 Nm (M 3) |         |     |
| 9 / 0.6 x 3.5 mm   |         |     |
| Note               |         |     |

## Ordering data

| Version |           |
|---------|-----------|
|         | Red LED   |
|         | Green LED |
|         | Neon lamp |
| Note    |           |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4/35 GL 1D 11,0A | 25   | 1111160000 |
| Note                |      |            |

## Accessories

| Screwable cross-connection  |                   |
|---|-------------------|
|  | 2-pole            |
|   | 3-pole            |
|   | 4-pole            |
|   | 10-pole           |
| External cross-connection   |                   |
|   | 2-pole            |
|   | 3-pole            |
|   | 4-pole            |
| Switchable link   |                   |
|   | Switchable link   |
|   | Connecting sleeve |
|   | Mounting screw    |
| Testing / Checking  |                   |
|   | Test plug         |
|   | Socket            |
| End plate / Partition plate   |                   |
|   | beige             |
| Small partition   |                   |
|   | Small partition   |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
| VL 2 AKZ4/DK4           | 32 A    | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

Marking systems (see assortment in catalogue 7)  
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6

## With electronic components TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


### Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | A               |
| Operating voltage for display, min. / Current  | -/A             |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

### Ordering data

| Version |           |
|---------|-----------|
|         | Red LED   |
|         | Green LED |
| Note    |           |

### Accessories

| Screwable cross-connection  |                   |
|---|-------------------|
|  | 2-pole            |
|   | 3-pole            |
|   | 4-pole            |
| External cross-connection   |                   |
|   | 2-pole            |
|   | 3-pole            |
|   | 4-pole            |
| Switchable link   |                   |
|   | Switchable link   |
|   | Connecting sleeve |
|   | Mounting screw    |
| Testing / Checking  |                   |
|   | Test plug         |
|   | Socket            |
| End plate / Partition plate   |                   |
|   | beige             |
| Small partition   |                   |
|   | Small partition   |

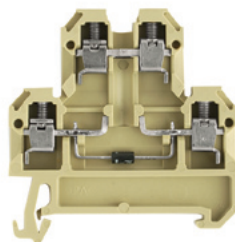
| Marking systems | (see assortment in catalogue 7) |
|-----------------|---------------------------------|
|                 | Marking tags                    |

For detailed information on other accessories and applications, refer to the „Accessories“ section

## DK 4 D/1

4 mm<sup>2</sup>

Diode terminal, e.g. as reverse polarity protection



|               |   |
|---------------|---|
| 6 x 50 x 52.5 |  |
| 10 / 4        |  |
| 0.33...4      |   |

| IEC                               | UL | CSA         |
|-----------------------------------|----|-------------|
| 380                               |    | 300         |
| 10                                |    | 10          |
| 4                                 |    | AWG 22...12 |
|                                   |    | / 3         |
|                                   |    | A3 / V2     |
| Approvals                         |    |             |
| 1000 / 1                          |    |             |
| Rated connection                  |    |             |
| 0.5...4 / 0.5...4                 |    |             |
| 0.5...4 / 0.5...4                 |    |             |
| 0.5...0.8 Nm (M 3)                |    |             |
| 9 / 0.6 x 3.5 mm                  |    |             |
| Diode current: max 1A. (1 N 4007) |    |             |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4/35 1D GET.SCH. | 25   | 0396360000 |

| Type                        | current | Qty. | Order No.  |
|-----------------------------|---------|------|------------|
| Q 2 AKZ4                    | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                    | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                    | 32 A    | 50   | 0336600000 |
| External cross-connection   |         |      |            |
| QB 2 WI RA6 IS              | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS              | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS              | 27 A    | 50   | 0482900000 |
| Switchable link             |         |      |            |
| VL 2 AKZ4/DK4               | 32 A    | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4            |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N       |         | 100  | 0266800000 |
| Testing / Checking          |         |      |            |
| PS 2.3 RT                   | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ     |         | 50   | 0215700000 |
| End plate / Partition plate |         |      |            |
| AP DK4                      | 1.5 mm  | 20   | 0359260000 |
| Small partition             |         |      |            |
| TSCH 4 AKZ4                 | 6 mm    | 100  | 0363360000 |

| Marking systems | (see assortment in catalogue 7) |
|-----------------|---------------------------------|
|                 | DEK 5/6                         |

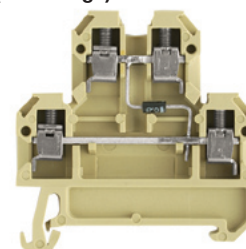
For detailed information on other accessories and applications, refer to the „Accessories“ section

## Terminals with electronic components

## DK 4 D/2

4 mm<sup>2</sup>

Suppressor circuit for contactor and solenoid valve (DC voltage)



|               |   |
|---------------|---|
| 6 x 50 x 52.5 |  |
| 10 / 4        |  |
| 0.33...4      |   |

| IEC                               | UL | CSA         |
|-----------------------------------|----|-------------|
| 380                               |    | 300         |
| 10                                |    | 10          |
| 4                                 |    | AWG 22...12 |
|                                   |    | / 3         |
|                                   |    | A3 / V2     |
| Approvals                         |    |             |
| 1000 / 1                          |    |             |
| Rated connection                  |    |             |
| 0.5...4 / 0.5...4                 |    |             |
| 0.5...4 / 0.5...4                 |    |             |
| 0.5...0.8 Nm (M 3)                |    |             |
| 9 / 0.6 x 3.5 mm                  |    |             |
| Diode current: max 1A. (1 N 4007) |    |             |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| DK 4/35 1D A1    | 25   | 0538960000 |
| DK 4/35 1D A1 BL | 25   | 0538980000 |

| Type                        | current | Qty. | Order No.  |
|-----------------------------|---------|------|------------|
| Q 2 AKZ4                    | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                    | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                    | 32 A    | 50   | 0336600000 |
| External cross-connection   |         |      |            |
| QB 2 WI RA6 IS              | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS              | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS              | 27 A    | 50   | 0482900000 |
| Switchable link             |         |      |            |
| VL 2 AKZ4/DK4               |         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4            |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N       |         | 100  | 0266800000 |
| Testing / Checking          |         |      |            |
| PS 2.3 RT                   | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ     |         | 50   | 0215700000 |
| End plate / Partition plate |         |      |            |
| AP DK4                      | 1.5 mm  | 20   | 0359260000 |
| Small partition             |         |      |            |
| TSCH 4 AKZ4                 | 6 mm    | 100  | 0363360000 |

| Marking systems | (see assortment in catalogue 7) |
|-----------------|---------------------------------|
|                 | DEK 5/6                         |

For detailed information on other accessories and applications, refer to the „Accessories“ section

## Terminals with electronic components

With electronic components  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|  |                 |
|--|-----------------|
| <b>Rated data</b>                              |                 |
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Electronic fixtures

|   |     |
|---|-----|
| Diode reverse voltage / Diode current         | A   |
| Operating voltage for display, min. / Current | -/A |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

|                |           |
|----------------|-----------|
| <b>Version</b> |           |
|                | Red LED   |
|                | Green LED |

## Note

## Accessories

## Screwable cross-connection



|        |  |
|--------|--|
| 2-pole |  |
| 3-pole |  |
| 4-pole |  |

## External cross-connection

|        |  |
|--------|--|
| 2-pole |  |
| 3-pole |  |
| 4-pole |  |

## Switchable link

|                   |  |
|-------------------|--|
| Switchable link   |  |
| Connecting sleeve |  |
| Mounting screw    |  |

## Testing / Checking

|           |  |
|-----------|--|
| Test plug |  |
| Socket    |  |

## End plate / Partition plate

|       |  |
|-------|--|
| beige |  |
|-------|--|

## Small partition

|                 |  |
|-----------------|--|
| Small partition |  |
|-----------------|--|

## Marking systems (see assortment in catalogue 7)

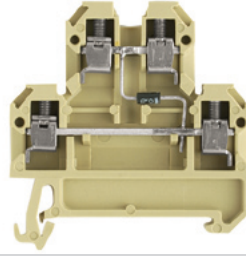
|              |  |
|--------------|--|
| Marking tags |  |
|--------------|--|

## For detailed information on other accessories and applications, refer to the „Accessories“ section

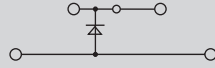
## DK 4 D/3

4 mm<sup>2</sup>

## Suppressor circuit for contactor and solenoid valve (DC voltage)



|               |
|---------------|
| 6 x 50 x 52.5 |
| 10 / 4        |
| 0.33...4      |



|            |           |            |
|------------|-----------|------------|
| <b>IEC</b> | <b>UL</b> | <b>CSA</b> |
| 380        |           | 300        |
| 10         |           | 10         |
| 4          |           |            |
|            | / 3       |            |
|            | A3 / V2   |            |



1000 / 1

## Rated connection

|                    |
|--------------------|
| 0.5...4 / 0.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...0.8 Nm (M 3) |
| 9 / 0.6 x 3.5 mm   |

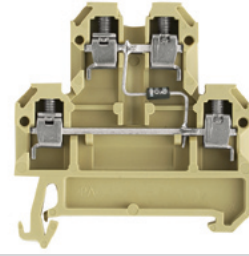
Diode current: max 1A. (1 N 4007)

|               |             |                  |
|---------------|-------------|------------------|
| <b>Type</b>   | <b>Qty.</b> | <b>Order No.</b> |
| DK 4/35 1D A2 | 25          | 0538860000       |

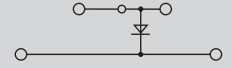
## DK 4 D/4

4 mm<sup>2</sup>

## Diode terminal for lamp test circuits



|               |
|---------------|
| 6 x 50 x 52.5 |
| 10 / 4        |
| 0.33...4      |



|            |           |            |
|------------|-----------|------------|
| <b>IEC</b> | <b>UL</b> | <b>CSA</b> |
| 380        |           | 300        |
| 10         |           | 10         |
| 4          |           |            |
|            | / 3       |            |
|            | A3 / V2   |            |



1000 / 1

## Rated connection

|                    |
|--------------------|
| 0.5...4 / 0.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...0.8 Nm (M 3) |
| 9 / 0.6 x 3.5 mm   |

Diode current: max 1A. (1 N 4007)

|                        |             |                  |
|------------------------|-------------|------------------|
| <b>Type</b>            | <b>Qty.</b> | <b>Order No.</b> |
| DK 4/35 2D GET.SCH. A1 | 25          | 0396660000       |

|             |                |             |                  |
|-------------|----------------|-------------|------------------|
| <b>Type</b> | <b>current</b> | <b>Qty.</b> | <b>Order No.</b> |
| Q 2 AKZ4    | 32 A           | 50          | 0336400000       |
| Q 3 AKZ4    | 32 A           | 50          | 0336500000       |
| Q 4 AKZ4    | 32 A           | 50          | 0336600000       |

|                |      |    |            |
|----------------|------|----|------------|
| QB 2 WI RA6 IS | 27 A | 50 | 0482700000 |
| QB 3 WI RA6 IS | 27 A | 50 | 0482800000 |
| QB 4 WI RA6 IS | 27 A | 50 | 0482900000 |

|                       |      |     |            |
|-----------------------|------|-----|------------|
| VL 2 AKZ4/DK4         | 32 A | 50  | 0446700000 |
| VH 10/4/2.8 AKZ4      |      | 50  | 0446600000 |
| BFSC M2.5X14 SAKD2.5N |      | 100 | 0266800000 |

|                         |        |    |            |
|-------------------------|--------|----|------------|
| <b>Width</b>            |        |    |            |
| PS 2.3 RT               | 5.4 mm | 20 | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50 | 0215700000 |

|        |        |    |            |
|--------|--------|----|------------|
| AP DK4 | 1.5 mm | 20 | 0359260000 |
|--------|--------|----|------------|

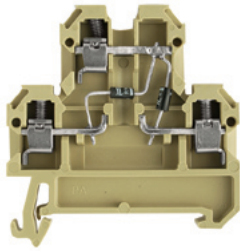
|             |      |     |            |
|-------------|------|-----|------------|
| TSCH 4 AKZ4 | 6 mm | 100 | 0363360000 |
|-------------|------|-----|------------|

DEK 5/6

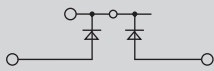
**DK 4 D/5**

4 mm<sup>2</sup>

Diode terminal for lamp test circuits



6 x 50 x 52.5  
10 / 4  
0.33...4



| IEC                               | UL      | CSA |
|-----------------------------------|---------|-----|
| 380                               |         | 300 |
| 10                                |         | 10  |
| 4                                 |         |     |
|                                   | / 3     |     |
|                                   | A3 / V2 |     |
|                                   |         |     |
| 1000 / 1                          |         |     |
| Rated connection                  |         |     |
| 0.5...4 / 0.5...4                 |         |     |
| 0.5...4 / 0.5...4                 |         |     |
| 0.5...0.8 Nm (M 3)                |         |     |
| 9 / 0.6 x 3.5 mm                  |         |     |
| Diode current: max 1A. (1 N 4007) |         |     |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| DK 4/35 2D GET.SCH. A2 | 25   | 0396860000 |

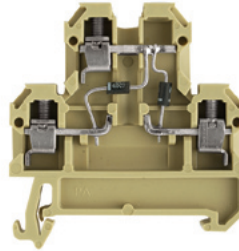
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
|                         |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
|                         |         |      |            |
| VL 2 AKZ4/DK4           | 32 A    | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
|                         |         |      |            |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
|                         |         |      |            |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
|                         |         |      |            |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

|         |
|---------|
| DEK 5/6 |
|---------|

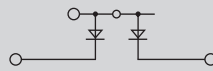
**DK 4 D/6**

4 mm<sup>2</sup>

Diode terminal for lamp test circuits



6 x 50 x 52.5  
10 / 4  
0.33...4



| IEC                               | UL      | CSA |
|-----------------------------------|---------|-----|
| 380                               |         | 300 |
| 10                                |         | 10  |
| 4                                 |         |     |
|                                   | / 3     |     |
|                                   | A3 / V2 |     |
|                                   |         |     |
| 1000 / 1                          |         |     |
| Rated connection                  |         |     |
| 0.5...4 / 0.5...4                 |         |     |
| 0.5...4 / 0.5...4                 |         |     |
| 0.5...0.8 Nm (M 3)                |         |     |
| 9 / 0.6 x 3.5 mm                  |         |     |
| Diode current: max 1A. (1 N 4007) |         |     |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| DK 4/35 2D GET.SCH. A1 | 25   | 0396760000 |

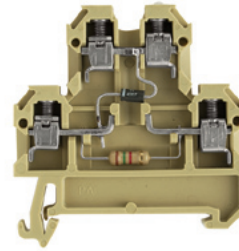
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
|                         |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
|                         |         |      |            |
| VL 2 AKZ4/DK4           | 32 A    | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
|                         |         |      |            |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
|                         |         |      |            |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
|                         |         |      |            |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

|         |
|---------|
| DEK 5/6 |
|---------|

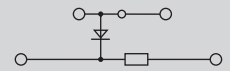
**DK 4 D/7**

4 mm<sup>2</sup>

Diode terminal for lamp test circuits, with protective resistor



6 x 50 x 52.5  
10 / 4  
0.33...4



| IEC                               | UL      | CSA |
|-----------------------------------|---------|-----|
| 24                                |         | 300 |
| 10                                |         | 10  |
| 4                                 |         |     |
|                                   | / 3     |     |
|                                   | A3 / V2 |     |
|                                   |         |     |
| / 1                               |         |     |
| Rated connection                  |         |     |
| 0.5...4 / 0.5...4                 |         |     |
| 0.5...4 / 0.5...4                 |         |     |
| 0.5...0.8 Nm (M 3)                |         |     |
| 9 / 0.6 x 3.5 mm                  |         |     |
| Diode current: max 1A. (1 N 4007) |         |     |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| DK 4/35 1D 1K5 GET.SCH | 25   | 0396960000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
|                         |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
|                         |         |      |            |
| VL 2 AKZ4/DK4           |         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
|                         |         |      |            |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
|                         |         |      |            |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
|                         |         |      |            |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

|         |
|---------|
| DEK 5/6 |
|---------|

## Terminals with electronic components

With electronic components  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | -               |
| Operating voltage for display, min. / Current  | -/A             |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

| Version |         |
|---------|---------|
|         | Red LED |
| Note    |         |

## Accessories

| Screwable cross-connection  |                   |
|---|-------------------|
|  | 2-pole            |
|   | 3-pole            |
|   | 4-pole            |
|   | 10-pole           |
| External cross-connection   |                   |
|   | 2-pole            |
|   | 3-pole            |
|   | 4-pole            |
| Switchable link   |                   |
|   | Switchable link   |
|   | Connecting sleeve |
|   | Mounting screw    |
| Testing / Checking  |                   |
|   | Test plug         |
|   | Socket            |
| End plate / Partition plate   |                   |
|   | beige             |
| End bracket   |                   |
|   | Dark beige Wemid  |

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

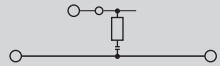
## DK 4 RC

4 mm<sup>2</sup>

## Terminal with RC combination



18 x 50 x 52.5  
/ 4  
**0.33...4**



| IEC                | UL | CSA     |
|--------------------|----|---------|
| 230                |    |         |
| 10                 |    |         |
| 4                  |    |         |
|                    |    | / 3     |
|                    |    | A3 / V2 |
| Rated connection   |    |         |
| 0.5...4 / 0.5...4  |    |         |
| 0.5...4 / 0.5...4  |    |         |
| 0.5...0.8 Nm (M 3) |    |         |
| 9 / 0.6 x 3.5 mm   |    |         |

| Type                 | Qty. | Order No.         |
|----------------------|------|-------------------|
| DK 4/35 RC 220R/220N | 5    | <b>0053160000</b> |

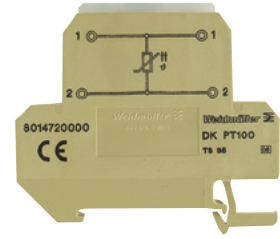
| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
| Q 10 AKZ4               | 32 A    | 20   | <b>0368600000</b> |
| Width                   |         |      |                   |
| VL 2 AKZ4/DK4           | 32 A    | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4        |         | 50   | <b>0446600000</b> |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | <b>0266800000</b> |
| Width                   |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
| Width                   |         |      |                   |
| AP DK4                  | 1.5 mm  | 20   | <b>0359260000</b> |
| EW 35                   | 8.5 mm  | 50   | <b>0383560000</b> |

DEK 6  
End plate  
AP DK4: 0359260000

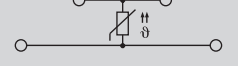
## DK 4 PT 100

4 mm<sup>2</sup>

## Diode terminal for central control and communication system



6 x 65 x 53.5  
**10 / 4**  
**0.33...4**



| IEC                  | UL | CSA     |
|----------------------|----|---------|
| 400                  |    |         |
| 10                   |    |         |
| 4                    |    |         |
|                      |    | / 3     |
|                      |    | A3 / V2 |
| Rated connection     |    |         |
| 0.5...4 / 0.5...4    |    |         |
| 0.5...4 / 0.5...2.5  |    |         |
| 0.4...0.7 Nm (M 2.5) |    |         |
| 6 / 0.6 x 3.5 mm     |    |         |

| Type           | Qty. | Order No.         |
|----------------|------|-------------------|
| DKT 4/35 PT100 | 10   | <b>8014720000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
| QB 2 WI RA6 IS          | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS          | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS          | 27 A    | 50   | <b>0482900000</b> |
| Width                   |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
| Width                   |         |      |                   |
| AP DKT4 PA              | 1.5 mm  | 20   | <b>0687560000</b> |

DEK 5/6

## Earth conductor isolating terminals

## SAKT E/35

6 mm<sup>2</sup>

## neon lamp



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

16 x 65 x 52.5

27 / 10

0.5...10

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | / 3             |
| Approvals                                      | A5 / 5VA        |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

| IEC | UL | CSA |
|-----|----|-----|
| 115 |    |     |
| 27  |    |     |
| 6   |    |     |
|     |    |     |
|     |    |     |

## Rated connection

|                      |
|----------------------|
| 0.5...10             |
| 0.5...6 / 0.5...6    |
| 0.8...1.6 Nm (M 3.5) |
| 12 / 4.0 x 0.8 mm    |

## Ordering data

## Version

|             |  |
|-------------|--|
| 20...30 V~  |  |
| 40...60V~   |  |
| 80...120 V~ |  |
| 115 V~      |  |
| 230 V~      |  |

## Note

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| SAKT E/35 2LD 30VAC  | 5    | 1166820000 |
| SAKT E/35 2LD 60VAC  | 5    | 0197920000 |
| SAKT E/35 2LD 120VAC | 5    | 0198220000 |
| SAKT E/35 2GL 115VAC | 5    | 0198020000 |
| SAKT E/35 2GL 230VAC | 5    | 0198120000 |

## Accessories

## End bracket

Dark beige Wemid

| Type  | Width  | Qty. | Order No.  |
|-------|--------|------|------------|
| EW 35 | 8.5 mm | 50   | 0383560000 |

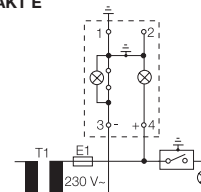
(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

To safe the test sockets use the SD-blade or bits with pilots!

## Operating mode

## SAKT E

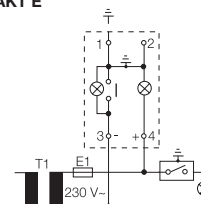


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

## Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.

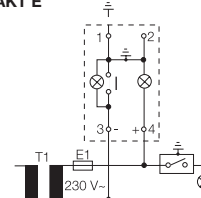
## SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

## Operational malfunction

## SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red



# SAK-Series TS 32

## SAK-Series TS 32

|  |      |
|--|------|
| <b>Feed-through terminal</b>                               |      |
| TS 32 / PA   | B.2  |
| TS 32 / KrG  | B.6  |
| <b>Two-tier modular terminals</b>                          |      |
| TS 32 / PA   | B.10 |
| <b>Modular PE terminals</b>                                |      |
| TS 32 / PA   | B.12 |
| TS 32  | B.14 |
| <b>Disconnect terminals</b>                                |      |
| TS 32 / PA   | B.16 |
| TS 32 / KrG  | B.18 |
| <b>Fuse terminals</b>                                      |      |
| TS 32 / PA   | B.20 |
| TS 32 / KrG  | B.22 |
| Fuse inserts and gauge rings for Weidmüller fuse terminals | B.26 |
| <b>Terminals with spring-loaded cable clamps</b>           |      |
| TS 32  | B.28 |
| <b>Test-disconnect terminals</b>                           |      |
| TS 32 / KrG  | B.30 |
| <b>Terminals for temperature measuring circuits</b>        |      |
| TS 32 / PA   | B.34 |
| <b>Terminals with screw-less connections</b>               |      |
| With push-on connection TS 32 / PA                         | B.36 |
| With Termi-Point / Wire-Wrap connection TS 32 / PA         | B.38 |
| With solder connection TS 32 / PA                          | B.39 |
| With push-on connection TS 32 / KrG                        | B.42 |
| With solder connection TS 32 / KrG                         | B.45 |
| <b>Special terminals – SAKG</b>                            |      |
| TS 32 / KrG  | B.46 |
| <b>Stud terminal – KST</b>                                 |      |
| TS 32 / PA   | B.54 |
| <b>Terminals with electronic components</b>                |      |
| With indication  | B.56 |
| With diodes  | B.58 |
| With electronic components                                 | B.61 |
| <b>Earth conductor isolating terminals</b>                 | B.62 |

## Feed-through terminal

## TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|   |                 |
|---|-----------------|
| <b>Rated data</b>                                       |                 |
| Rated voltage   | V               |
| Rated current   | A               |
| Rated cross-section                                     | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity              | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class          |                 |
| Approvals   |                 |
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| Tightening torque range (clamping screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| <b>Note</b>   |                 |

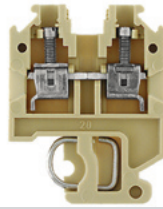
## Ordering data

|                |       |
|----------------|-------|
| <b>Version</b> |       |
|                | beige |
|                | Blue  |
| <b>Note</b>    |       |

## Accessories

|   |                          |
|---|--------------------------|
| <b>Screwable cross-connection</b>   |                          |
|   | 2-pole                   |
|   | 3-pole                   |
|   | 4-pole                   |
|   | 10-pole                  |
|   | Connecting sleeve        |
|   | Mounting screw           |
|   | Lock washer              |
| <b>Switchable link</b>  |                          |
|   | Switchable link          |
|   | Connecting sleeve        |
|   | Mounting screw           |
| <b>Testing / Checking</b>   |                          |
|   | Test plug                |
|   | Socket                   |
| <b>End plate / Partition plate</b>  |                          |
|   | beige                    |
|   | Blue                     |
|   | beige                    |
|   | Blue                     |
| <b>Small partition</b>  |                          |
|   | Small partition          |
| <b>Cover / warning label</b>  |                          |
|   | Cover / warning label    |
|   | Mounting screw (plastic) |
| <b>Marking systems</b> (see assortment in catalogue 7)  |                          |
|   | Marking tags             |
| <b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b> |                          |

## SAKD 2.5N

2.5 mm<sup>2</sup>

|                 |
|-----------------|
| 5 x 32.5 x 43.5 |
| <b>30 / 4</b>   |
| <b>0.08...4</b> |

IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 500     | 300         | 300         |
| 24      | 20          | 20          |
| 2.5     | AWG 28...12 | AWG 22...12 |
| 6 / 3   |             |             |
| A2 / V2 |             |             |

## Rated connection

|  |  |
|--|--|
| 0.5...4 / 0.5...2.5  |  |
| 0.5...4 / 0.5...2.5  |  |
| 0.4...0.6 Nm (M 2.5)   |  |
| 10 / 0.6 x 3.5 mm  |  |
| 0.5...0.75   |  |
| 0.5...0.75 / 0.5...0.75                                      |  |
| With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V. |  |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAKD 2.5N    | 100  | 0215560000 |
| SAKD 2.5N BL | 100  | 0215580000 |

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| Q 2 SAKD2.5N  | 24 A    | 50   | 0367800000 |
| Q 3 SAKD2.5N  | 24 A    | 50   | 0367900000 |
| Q 4 SAKD2.5N  | 24 A    | 50   | 0368000000 |
| Q 10 SAKD2.5N | 24 A    | 20   | 0368100000 |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|                         | Width  |    |            |
|-------------------------|--------|----|------------|
| PS 2.3 RT               | 5.4 mm | 20 | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50 | 0215700000 |
| AP SAKD2.5N             | 1.5 mm | 20 | 0150960000 |
| AP SAKD2.5N BL          | 1.5 mm | 20 | 0150980000 |
| TW SAKD2.5N             | 1.5 mm | 20 | 0191860000 |
| TW SAKD2.5N BL          | 1.5 mm | 20 | 0191880000 |

|                  |      |     |            |
|------------------|------|-----|------------|
| TSCH 3 SAKD2.5 N | 5 mm | 100 | 0366860000 |
| DEK 5/5 / SCHT 7 |      |     |            |

## SAK 2.5

2.5 mm<sup>2</sup>

|                 |
|-----------------|
| 6 x 36.5 x 46.5 |
| <b>41 / 6</b>   |
| <b>0.13...6</b> |

IEC 60947-7-1

Ex ell II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 800     | 600         | 600         | 550        |
| 24      | 20          | 25          | 21         |
| 2.5     | AWG 22...12 | AWG 26...10 | 2.5        |
| 8 / 3   |             |             |            |
| A3 / V2 |             |             |            |

KEMA 97ATEX1798 U

## Rated connection

|  |  |
|--|--|
| 0.5...6 / 0.5...4  |  |
| 0.5...4 / 0.5...4  |  |
| 0.4...0.6 Nm (M 2.5)   |  |
| 10 / 0.6 x 3.5 mm  |  |
| 0.5...1.5  |  |
| 0.5...1.5  |  |
| With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V. |  |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| SAK 2.5    | 100  | 0279660000 |
| SAK 2.5 BL | 100  | 0279680000 |

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| Q 2 SAK2.5  | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5  | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5  | 41 A    | 50   | 0337200000 |
| Q 10 SAK2.5 | 41 A    | 20   | 0368700000 |

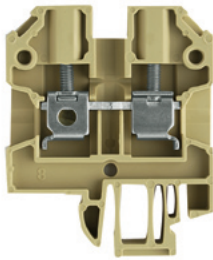
|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|                         | Width  |    |            |
|-------------------------|--------|----|------------|
| PS 2.3 RT               | 5.4 mm | 20 | 0180400000 |
| STB 8.5/5/2.3/M3 SAK2.5 |        | 50 | 0280600000 |
| AP SAK2.5               | 1.5 mm | 20 | 0279560000 |
| AP SAK2.5 BL            | 1.5 mm | 20 | 0279580000 |
| TW SAK2.5               | 2.5 mm | 20 | 0302860000 |
| TW SAK2.5 BL            | 1.5 mm | 20 | 0302880000 |

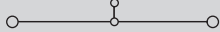
|                  |      |     |            |
|------------------|------|-----|------------|
| TSCH 1           | 2 mm | 100 | 0319160000 |
| AD 3 SAK2.5      |      | 50  | 0297900000 |
| BFSC M3x22 PA/RT |      | 100 | 0128900000 |
| DEK 5/6 / SCHT 7 |      |     |            |

**SAK 4**

**4 mm<sup>2</sup>**



6.5 x 40 x 51.5  
**41 / 6**  
**0.13...6**



| IEC 60947-7-1 |             | Ex e II  II 2 G D |            |
|---------------|-------------|-------------------|------------|
| IEC           | UL          | CSA               | EN 60079-7 |
| 800           | 600         | 600               | 550        |
| 32            | 20          | 36                | 28         |
| 4             | AWG 22...12 | AWG 26...10       | 4          |
| 8 / 3         |             |                   |            |
| A4 / V2       |             |                   |            |

KEMA 97ATEX1798 U

**Rated connection**

|                    |
|--------------------|
| 0.5...6 / 0.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...1.0 Nm (M 3) |
| 12 / 0.6 x 3.5 mm  |
| 1.5...1.5          |
| 0.5...1.5          |

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

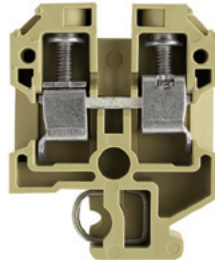
| Type     | Qty. | Order No.         |
|----------|------|-------------------|
| SAK 4    | 100  | <b>1716240000</b> |
| SAK 4 BL | 100  | <b>0128380000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 SAK4                | 41 A    | 50   | <b>0336700000</b> |
| Q 3 SAK4                | 41 A    | 50   | <b>0336800000</b> |
| Q 4 SAK4                | 41 A    | 50   | <b>0336900000</b> |
| Q 10 SAK4               | 41 A    | 20   | <b>0368800000</b> |
| Width                   |         |      |                   |
| VL 2 SAK4               | 32 A    | 50   | <b>0197000000</b> |
| VH 19/5/3.5 SAK4-16     |         | 50   | <b>0285100000</b> |
| BFSC M3X25              |         | 100  | <b>0292500000</b> |
| Width                   |         |      |                   |
| PS 4 F.STB 4            | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | <b>0168600000</b> |
| Width                   |         |      |                   |
| AP SAK4-10              | 1.5 mm  | 20   | <b>0117960000</b> |
| AP SAK4-10 BL           | 1.5 mm  | 20   | <b>0117980000</b> |
| TW 4 SAK4-10            | 1.5 mm  | 20   | <b>0130160000</b> |
| TW 4 SAK4-10 BL         | 1.5 mm  | 20   | <b>0130180000</b> |
| Width                   |         |      |                   |
| TSCH 1                  | 2 mm    | 100  | <b>0319160000</b> |
| Width                   |         |      |                   |
| AD 4 SAK4               |         | 50   | <b>0285300000</b> |
| BFSC M3X22 PA/RT        |         | 100  | <b>0128900000</b> |

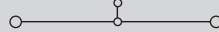
DEK 5/6.5

**SAK 6 N**

**6 mm<sup>2</sup>**



8 x 40 x 51.5  
**57 / 10**  
**0.33...10**



| IEC 60947-7-1 |            | Ex e II  II 2 G D |            |
|---------------|------------|-------------------|------------|
| IEC           | UL         | CSA               | EN 60079-7 |
| 800           | 600        | 600               | 550        |
| 41            | 40         | 47                | 36         |
| 6             | AWG 22...8 | AWG 20...8        | 6          |
| 8 / 3         |            |                   |            |
| A5 / V2       |            |                   |            |

KEMA 97ATEX1798 U

**Rated connection**

|                      |
|----------------------|
| 0.5...10 / 0.5...6   |
| 0.5...10 / 0.5...6   |
| 0.8...1.6 Nm (M 3.5) |
| 12 / 4.0 x 0.8 mm    |

For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm

| Type      | Qty. | Order No.         |
|-----------|------|-------------------|
| SAK 6N    | 100  | <b>0193260000</b> |
| SAK 6N BL | 100  | <b>0193280000</b> |

With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used.

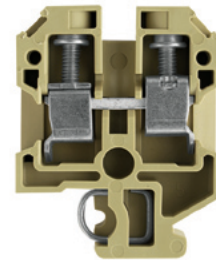
| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| Q 2 SAK6N            | 32 A    | 50   | <b>0456700000</b> |
| Q 3 SAK6N            | 57 A    | 50   | <b>0456800000</b> |
| Q 4 SAK6N            | 57 A    | 50   | <b>0456900000</b> |
| Q 10 SAK6N           | 32 A    | 20   | <b>0457000000</b> |
| Width                |         |      |                   |
| VL 2 SAK6/10/SAKB    | 32 A    | 50   | <b>0135900000</b> |
| VH 19/5/3.5 SAK4-16  |         | 50   | <b>0285100000</b> |
| BFSC M3X25           |         | 100  | <b>0292500000</b> |
| Width                |         |      |                   |
| PS 4 F.STB 4         | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |         | 50   | <b>0169900000</b> |
| Width                |         |      |                   |
| AP SAK4-10           | 1.5 mm  | 20   | <b>0117960000</b> |
| AP SAK4-10 BL        | 1.5 mm  | 20   | <b>0117980000</b> |
| TW 4 SAK4-10         | 1.5 mm  | 20   | <b>0130160000</b> |
| TW 4 SAK4-10 BL      | 1.5 mm  | 20   | <b>0130180000</b> |
| Width                |         |      |                   |
| TSCH 1               | 2 mm    | 100  | <b>0319160000</b> |
| Width                |         |      |                   |
| AD 4 SAK6N           |         | 50   | <b>0196600000</b> |
| BFSC M3X22 PA/RT     |         | 100  | <b>0128900000</b> |

DEK 5/8 / SCHAT 7

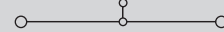
When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

**SAK 10**

**10 mm<sup>2</sup>**



10 x 40 x 51.5  
**76 / 16**  
**1.5...16**



| IEC 60947-7-1 |            | Ex e II  II 2 G D |            |
|---------------|------------|-------------------|------------|
| IEC           | UL         | CSA               | EN 60079-7 |
| 800           | 600        | 600               | 550        |
| 57            | 60         | 65                | 50         |
| 10            | AWG 14...6 | AWG 16...6        | 10         |
| 8 / 3         |            |                   |            |
| B6 / V2       |            |                   |            |

KEMA 97ATEX1798 U

**Rated connection**

|                     |
|---------------------|
| 1.5...10 / 1.5...16 |
| 1.5...16 / 1.5...10 |
| 2.0...4.0 Nm (M 4)  |
| 12 / 1.0 x 5.5 mm   |

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

| Type      | Qty. | Order No.         |
|-----------|------|-------------------|
| SAK 10    | 100  | <b>0110060000</b> |
| SAK 10 BL | 100  | <b>0110080000</b> |

A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.

| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| Q 2 SAK10            | 57 A    | 50   | <b>0457100000</b> |
| Q 3 SAK10            | 57 A    | 50   | <b>0457200000</b> |
| Q 4 SAK10            | 57 A    | 50   | <b>0457300000</b> |
| Q 10 SAK10           | 57 A    | 20   | <b>0457400000</b> |
| Width                |         |      |                   |
| VL 2 SAK6/10/SAKB    |         | 50   | <b>0135900000</b> |
| VH 19/5/3.5 SAK4-16  |         | 50   | <b>0285100000</b> |
| BFSC M3X25           |         | 100  | <b>0292500000</b> |
| Width                |         |      |                   |
| PS 4 F.STB 4         | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |         | 50   | <b>0169900000</b> |
| Width                |         |      |                   |
| AP SAK4-10           | 1.5 mm  | 20   | <b>0117960000</b> |
| AP SAK4-10 BL        | 1.5 mm  | 20   | <b>0117980000</b> |
| TW 4 SAK4-10         | 1.5 mm  | 20   | <b>0130160000</b> |
| TW 4 SAK4-10 BL      | 1.5 mm  | 20   | <b>0130180000</b> |
| Width                |         |      |                   |
| TSCH 1               | 2 mm    | 100  | <b>0319160000</b> |
| Width                |         |      |                   |
| AD 4 SAK10           |         | 50   | <b>0178600000</b> |
| BFSC M3X22 PA/RT     |         | 100  | <b>0128900000</b> |

DEK 5/5

**Feed-through terminal**

**TS 32 / PA**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 Max. clamping range mm<sup>2</sup>

**Technical data**

| Rated data                                       |                 |
|--|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |


**Note**

**Ordering data**

| Version |       |
|---------|-------|
|         | beige |
|         | Blue  |

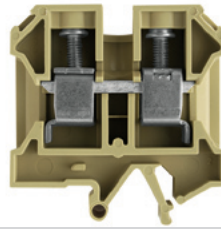
**Note**

**Accessories**

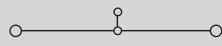
| Screwable cross-connection   |                                 |
|--|---------------------------------|
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
|                 | Connecting sleeve               |
|  | Mounting screw                  |
|  | Lock washer                     |
| Switchable link  |                                 |
|  | Switchable link                 |
|  | Connecting sleeve               |
|  | Mounting screw                  |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| End plate / Partition plate  |                                 |
|  | beige                           |
|  | Blue                            |
|  | beige                           |
|  | Blue                            |
| Small partition  |                                 |
|  | Small partition                 |
| Cover / warning label  |                                 |
|  | Cover / warning label           |
|  | Mounting screw (plastic)        |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

**SAK 16**

**16 mm<sup>2</sup>**



12 x 50 x 57.5  
**76 / 16**  
**2.5...16**



IEC 60947-7-1      Ex e ll      II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 1000    | 600        | 600        | 690        |
| 76      | 80         | 87         | 66         |
| 16      | AWG 12...4 | AWG 14...6 | 16         |
| 8 / 3   |            |            |            |
| B6 / V2 |            |            |            |

      KEMA 97ATEX1798 U

| Rated connection   |  |
|--------------------|--|
| 2.5...10 / 4...16  |  |
| 4...16 / 4...16    |  |
| 2.0...4.0 Nm (M 4) |  |
| 15 / 1.0 x 5.5 mm  |  |

Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

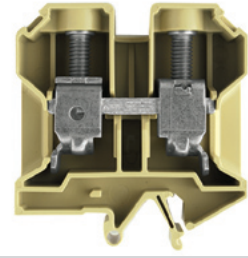
| Type      | Qty. | Order No.         |
|-----------|------|-------------------|
| SAK 16    | 50   | <b>0271060000</b> |
| SAK 16 BL | 50   | <b>0271080000</b> |

If QIs are aligned side by side, then a TW/AP must be used.

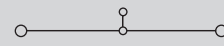
| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| Q 2 SAK16            | 76 A    | 50   | <b>0457500000</b> |
| Q 3 SAK16            | 76 A    | 50   | <b>0457600000</b> |
| Q 4 SAK16            | 76 A    | 50   | <b>0457700000</b> |
| Q 10 SAK16           | 76 A    | 20   | <b>0457800000</b> |
| Width                |         |      |                   |
| PS 4 F.STB 4         | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 | 50      | 50   | <b>0169900000</b> |
| AP SAK16             | 1.5 mm  | 20   | <b>0271160000</b> |
| AP SAK16 BL          | 1.5 mm  | 20   | <b>0271180000</b> |
| TSCH 1               | 2 mm    | 100  | <b>0319160000</b> |
| AD 3 SAK16           | 50      | 50   | <b>0297800000</b> |
| BFSC M3X22 PA/RT     | 100     | 100  | <b>0128900000</b> |
| DEK 5/5              |         |      |                   |

**SAK 35**

**35 mm<sup>2</sup>**



18 x 58 x 67.5  
**150 / 50**  
**2.5...50**



IEC 60947-7-1      Ex e ll      II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 1000    | 600        | 600        | 550        |
| 125     | 105        | 145        | 109        |
| 35      | AWG 12...2 | AWG 12...2 | 35         |
| 8 / 3   |            |            |            |
| B8 / V2 |            |            |            |

      KEMA 97ATEX1798 U

| Rated connection    |  |
|---------------------|--|
| 2.5...16 / 4...50   |  |
| 2.5...35 / 2.5...35 |  |
| 4.0...5.0 Nm (M 6)  |  |
| 18 / 6.5 x 1.2 mm   |  |

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type      | Qty. | Order No.         |
|-----------|------|-------------------|
| SAK 35    | 20   | <b>0303560000</b> |
| SAK 35 BL | 20   | <b>0303580000</b> |

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

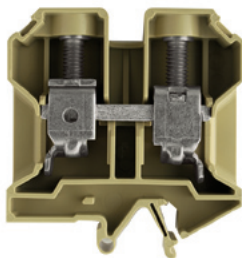
| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAK35           | 99 A    | 20   | <b>0123600000</b> |
| QL 3 SAK35           | 99 A    | 20   | <b>0123700000</b> |
| QL 4 SAK35           | 99 A    | 20   | <b>0123800000</b> |
| QL 10 SAK35          | 99 A    | 20   | <b>0338600000</b> |
| VH 17/8/5 SAK35      | 50      | 50   | <b>0267000000</b> |
| BFSC M4X30           | 50      | 50   | <b>0267100000</b> |
| SS M4    D 128-A 4   | 100     | 100  | <b>0136400000</b> |
| Width                |         |      |                   |
| VL 2 SAK35           | 119 A   | 50   | <b>0124000000</b> |
| VH 24.5/8/5 SAK35    | 50      | 50   | <b>0298700000</b> |
| BFSC M4X35           | 50      | 50   | <b>0298900000</b> |
| PS 4 F.STB 4         | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 16/D7/4/M4 SAK35 | 50      | 50   | <b>0140200000</b> |
| AP SAK35/TW SAK16    | 1.5 mm  | 10   | <b>0303660000</b> |
| AP SAK35/TW SAK16 BL | 1.5 mm  | 10   | <b>0303680000</b> |
| TW SAK35             | 1.5 mm  | 20   | <b>0304360000</b> |
| AD 3 SAK35           | 50      | 50   | <b>0273400000</b> |
| BFSC M4X32 PA/RT     | 100     | 100  | <b>0129100000</b> |
| DEK 5/5 / SCHT 7     |         |      |                   |

If QIs are aligned side by side, then a TW/AP must be used.

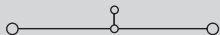
SAK 35/IK

35 mm<sup>2</sup>

Hexagon socket head screw



18 x 58 x 67.5  
150 / 50  
2.5...50



| IEC 60947-7-1 | Ex e II    | Ex         | II 2 G D   |
|---------------|------------|------------|------------|
| IEC           | UL         | CSA        | EN 60079-7 |
| 1000          | 600        | 600        | 550        |
| 125           | 105        | 145        | 109        |
| 35            | AWG 12...2 | AWG 12...2 | 35         |
| 8 / 3         |            |            |            |
| B8 / V2       |            |            |            |

Rated connection KEMA 97ATEX1798 U

|                     |
|---------------------|
| 2.5...16 / 4...50   |
| 2.5...35 / 2.5...35 |
| 4.0...5.0 Nm (M 6)  |
| 18 / S4 (DIN 6911)  |

|                     |
|---------------------|
| 2.5...10 / 10...16  |
| 2.5...16 / 2.5...16 |

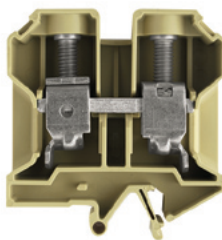
The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| SAK 35/IK | 20   | 0476560000 |

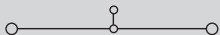
It is possible to use twin ferrules with identical rated voltages (LAB 13090).

SAK 35 N

35 mm<sup>2</sup>



16 x 58 x 67.5  
150 / 50  
2.5...50



| IEC 60947-7-1 | Ex e II    | Ex         | II 2 G D   |
|---------------|------------|------------|------------|
| IEC           | UL         | CSA        | EN 60079-7 |
| 1000          | 600        | 600        | 550        |
| 125           | 105        | 120        | 109        |
| 35            | AWG 12...2 | AWG 12...2 | 35         |
| 8 / 3         |            |            |            |
| B8 / V2       |            |            |            |

Rated connection KEMA 97ATEX1798 U

|                     |
|---------------------|
| 2.5...16 / 4...50   |
| 2.5...35 / 1.5...35 |
| 4.0...5.0 Nm (M 6)  |
| 18 / 6.5 x 1.2 mm   |

|                     |
|---------------------|
| 2.5...10 / 10...16  |
| 2.5...16 / 2.5...16 |

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type    | Qty. | Order No.  |
|---------|------|------------|
| SAK 35N | 20   | 0550660000 |

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

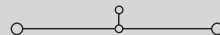
SAK 35 N/IK

35 mm<sup>2</sup>

Hexagon socket head screw



16 x 58 x 67.5  
150 / 50  
2.5...50



| IEC 60947-7-1 | Ex e II    | Ex         | II 2 G D   |
|---------------|------------|------------|------------|
| IEC           | UL         | CSA        | EN 60079-7 |
| 1000          | 600        | 600        | 550        |
| 125           | 105        | 120        | 109        |
| 35            | AWG 12...2 | AWG 12...2 | 35         |
| 8 / 3         |            |            |            |
| B8 / V2       |            |            |            |

Rated connection KEMA 97ATEX1798 U

|                     |
|---------------------|
| 2.5...16 / 4...50   |
| 2.5...35 / 1.5...35 |
| 4.0...6.0 Nm (M 6)  |
| 18 / S4 (DIN 6911)  |

|                     |
|---------------------|
| 2.5...10 / 10...16  |
| 2.5...16 / 2.5...16 |

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| SAK 35N/IK | 20   | 0555760000 |

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35           | 99 A    | 20   | 0123600000 |
| QL 3 SAK35           | 99 A    | 20   | 0123700000 |
| QL 4 SAK35           | 99 A    | 20   | 0123800000 |
| QL 10 SAK35          | 99 A    | 20   | 0338600000 |
| VH 17/8/5 SAK35      | 50      | 50   | 0267000000 |
| BFSC M4X30           | 50      | 50   | 0267100000 |
| SS M4 D 128-A 4      | 100     | 100  | 0136400000 |
| Width                |         |      |            |
| VL 2 SAK35           | 119 A   | 50   | 0124000000 |
| VH 24.5/8/5 SAK35    | 50      | 50   | 0298700000 |
| BFSC M4X35           | 50      | 50   | 0298900000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 | 50      | 50   | 0140200000 |
| AP SAK35/TW SAK16    | 1.5 mm  | 10   | 0303660000 |
| TW SAK35             | 1.5 mm  | 20   | 0304360000 |
| Width                |         |      |            |
| AD 4 SAK35           | 50      | 50   | 0178700000 |
| BFSC M4X32 PA/RT     | 100     | 100  | 0129100000 |

DEK 5/5  
If QIs are aligned side by side, then a TW/AP must be used.

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35N          | 99 A    | 50   | 0564900000 |
| QL 3 SAK35N          | 99 A    | 50   | 0565000000 |
| QL 4 SAK35N          | 99 A    | 50   | 0565100000 |
| QL 10 SAK35N         | 99 A    | 20   | 0565200000 |
| VH 17/8/5 SAK35      | 50      | 50   | 0267000000 |
| BFSC M4X30           | 50      | 50   | 0267100000 |
| SS M4 D 128-A 4      | 100     | 100  | 0136400000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 | 50      | 50   | 0140200000 |
| AP SAK35/TW SAK16    | 1.5 mm  | 10   | 0303660000 |
| AP SAK35/TW SAK16 BL | 1.5 mm  | 10   | 0303680000 |
| TW SAK35             | 1.5 mm  | 20   | 0304360000 |
| Width                |         |      |            |
| AD 4 SAK35N          | 50      | 50   | 0576700000 |
| BFSC M4X32 PA/RT     | 100     | 100  | 0129100000 |

DEK 5/5  
If QIs are aligned side by side, then a TW/AP must be used.

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35N          | 99 A    | 50   | 0564900000 |
| QL 3 SAK35N          | 99 A    | 50   | 0565000000 |
| QL 4 SAK35N          | 99 A    | 50   | 0565100000 |
| QL 10 SAK35N         | 99 A    | 20   | 0565200000 |
| VH 17/8/5 SAK35      | 50      | 50   | 0267000000 |
| BFSC M4X30           | 50      | 50   | 0267100000 |
| SS M4 D 128-A 4      | 100     | 100  | 0136400000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 | 50      | 50   | 0140200000 |
| AP SAK35/TW SAK16    | 1.5 mm  | 10   | 0303660000 |
| TW SAK35             | 1.5 mm  | 20   | 0304360000 |
| Width                |         |      |            |
| AD 4 SAK35N          | 50      | 50   | 0576700000 |
| BFSC M4X32 PA/RT     | 100     | 100  | 0129100000 |

DEK 5/5  
If QIs are aligned side by side, then a TW/AP must be used.

## Feed-through terminal

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                       |                 |
|--|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Note   |                 |

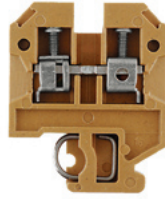
## Ordering data

| Version |               |
|---------|---------------|
|         | Medium yellow |
|         | Blue          |
| Note    |               |

## Accessories

| Screwable cross-connection   |                                 |
|--|---------------------------------|
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
|  | Connecting sleeve               |
|  | Mounting screw                  |
|  | Lock washer                     |
| Switchable link  |                                 |
|  | Switchable link                 |
|  | Connecting sleeve               |
|  | Mounting screw                  |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| End plate / Partition plate  |                                 |
|  | Medium yellow                   |
|  | Blue                            |
|  | Medium yellow                   |
|  | Blue                            |
| Small partition  |                                 |
|  | Small partition                 |
| Cover / warning label  |                                 |
|  | Cover / warning label           |
|  | Mounting screw (plastic)        |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## SAK 2.5

2.5 mm<sup>2</sup>

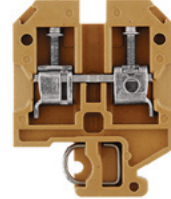
|                 |  |
|-----------------|--|
| 6 x 36.5 x 46.5 |  |
| <b>32 / 6</b>   |  |
| <b>0.13...6</b> |  |

| IEC 60947-7-1  |             |             |            | Ex e ll  II 2 G D  |             |             |            |
|--|-------------|-------------|------------|--------------------|-------------|-------------|------------|
| IEC  | UL          | CSA         | EN 60079-7 | IEC                | UL          | CSA         | EN 60079-7 |
| 800  | 600         | 600         | 550        | 800                | 600         | 600         | 550        |
| 24   | 20          | 25          | 21         | 32                 | 20          | 36          | 28         |
| 2.5  | AWG 22...12 | AWG 26...10 | 2.5        | 4                  | AWG 22...12 | AWG 26...10 | 4          |
|  |             |             |            | 8 / 3              |             |             |            |
|  |             |             |            | A3 / 5VA           |             |             |            |
|  |             |             |            | KEMA 97ATEX1798 U  |             |             |            |
| Rated connection   |             |             |            |                    |             |             |            |
| 0.5...6 / 0.5...4  |             |             |            | 0.5...6 / 0.5...4  |             |             |            |
| 0.5...4 / 0.5...2.5  |             |             |            | 0.5...4 / 0.5...4  |             |             |            |
| 0.4...0.6 Nm (M 2.5)   |             |             |            | 0.5...1.0 Nm (M 3) |             |             |            |
| 10 / 0.6 x 3.5 mm  |             |             |            | 12 / 0.6 x 3.5 mm  |             |             |            |
| ...1.5   |             |             |            | 0.5...1.5          |             |             |            |
| 0.5...1.5  |             |             |            | 0.5...1 / 0.5...1  |             |             |            |
| With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V. |             |             |            |                    |             |             |            |

| Type           | Qty. | Order No.         |
|----------------|------|-------------------|
| SAK 2.5 KRG    | 100  | <b>0279620000</b> |
| SAK 2.5 KRG/BL | 100  | <b>0279670000</b> |

| Type                   | current | Qty. | Order No.         |
|------------------------|---------|------|-------------------|
| Q 2 SAK2.5             | 41 A    | 50   | <b>0337000000</b> |
| Q 3 SAK2.5             | 41 A    | 50   | <b>0337100000</b> |
| Q 4 SAK2.5             | 41 A    | 50   | <b>0337200000</b> |
| Q 10 SAK2.5            | 41 A    | 20   | <b>0368700000</b> |
| Width                  |         |      |                   |
| PS 2.3 RT              | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 6/D3.9/2.3/M2.5 ZB |         | 50   | <b>0130200000</b> |
| Width                  |         |      |                   |
| AP SAK2.5 KRG          | 1.5 mm  | 20   | <b>0279520000</b> |
| AP SAK2.5 KRG BL       | 1.5 mm  | 20   | <b>0279570000</b> |
| TW SAK2.5 KRG          | 2.5 mm  | 20   | <b>0302820000</b> |
| TW SAK2.5 KRG/BL       | 2.5 mm  | 20   | <b>0302870000</b> |
| Width                  |         |      |                   |
| TSCH 1                 | 2 mm    | 100  | <b>0319160000</b> |
| Width                  |         |      |                   |
| AD 4 AKZ4              |         | 50   | <b>0303400000</b> |
| BFSC M3X22 PA/RT       |         | 100  | <b>0128900000</b> |
| Width                  |         |      |                   |
| DEK 5/6 / SCHT 7       |         |      |                   |

## SAK 4

4 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 6.5 x 40 x 51.5 |  |
| <b>41 / 6</b>   |  |
| <b>0.13...6</b> |  |

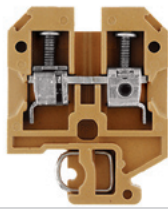
| IEC 60947-7-1  |             |             |            | Ex e ll  II 2 G D  |             |             |            |
|--|-------------|-------------|------------|--------------------|-------------|-------------|------------|
| IEC  | UL          | CSA         | EN 60079-7 | IEC                | UL          | CSA         | EN 60079-7 |
| 800  | 600         | 600         | 550        | 800                | 600         | 600         | 550        |
| 32   | 20          | 25          | 21         | 32                 | 20          | 36          | 28         |
| 4  | AWG 22...12 | AWG 26...10 | 4          | 4                  | AWG 22...12 | AWG 26...10 | 4          |
|  |             |             |            | 8 / 3              |             |             |            |
|  |             |             |            | A4 / 5VA           |             |             |            |
|  |             |             |            | KEMA 97ATEX1798 U  |             |             |            |
| Rated connection   |             |             |            |                    |             |             |            |
| 0.5...6 / 0.5...4  |             |             |            | 0.5...6 / 0.5...4  |             |             |            |
| 0.5...4 / 0.5...4  |             |             |            | 0.5...4 / 0.5...4  |             |             |            |
| 0.5...1.0 Nm (M 3)   |             |             |            | 0.5...1.0 Nm (M 3) |             |             |            |
| 12 / 0.6 x 3.5 mm  |             |             |            | 12 / 0.6 x 3.5 mm  |             |             |            |
| 0.5...1.5  |             |             |            | 0.5...1.5          |             |             |            |
| 0.5...1 / 0.5...1  |             |             |            | 0.5...1 / 0.5...1  |             |             |            |
| With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V. |             |             |            |                    |             |             |            |

| Type         | Qty. | Order No.         |
|--------------|------|-------------------|
| SAK 4 KRG    | 100  | <b>0128320000</b> |
| SAK 4 KRG BL | 100  | <b>0128370000</b> |

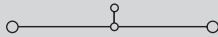
| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 SAK4                | 41 A    | 50   | <b>0336700000</b> |
| Q 3 SAK4                | 41 A    | 50   | <b>0336800000</b> |
| Q 4 SAK4                | 41 A    | 50   | <b>0336900000</b> |
| Q 10 SAK4               | 41 A    | 20   | <b>0368800000</b> |
| Width                   |         |      |                   |
| VL 2 SAK4               | 32 A    | 50   | <b>0197000000</b> |
| VH 19/5/3.5 SAK4-16     |         | 50   | <b>0285100000</b> |
| BFSC M3X25              |         | 100  | <b>0292500000</b> |
| Width                   |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | <b>0168600000</b> |
| Width                   |         |      |                   |
| AP SAK4-10 KRG          | 1.5 mm  | 20   | <b>0117920000</b> |
| AP SAK4-10 KRG/BL       | 1.5 mm  | 20   | <b>0117970000</b> |
| TW SAK4-10 KRG          | 2.5 mm  | 20   | <b>0130120000</b> |
| TW SAK4-10 KRG/BL       | 2.5 mm  | 20   | <b>0130170000</b> |
| Width                   |         |      |                   |
| TSCH 1                  | 2 mm    | 100  | <b>0319160000</b> |
| Width                   |         |      |                   |
| AD 4 SAK4               |         | 50   | <b>0285300000</b> |
| BFSC M3X22 PA/RT        |         | 100  | <b>0128900000</b> |
| Width                   |         |      |                   |
| DEK 5/6,5 / SCHT 7      |         |      |                   |

**SAK 6 N**

**6 mm<sup>2</sup>**



8 x 40 x 51.5  
**57 / 10**  
**0.33...10**



IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 800      | 600        | 600        | 550        |
| 41       | 40         | 47         | 36         |
| 6        | AWG 22...8 | AWG 20...8 | 6          |
| 8 / 3    |            |            |            |
| A5 / 5VA |            |            |            |

KEMA 97ATEX1798 U

**Rated connection**

|                      |
|----------------------|
| 0.5...10 / 0.5...6   |
| 0.5...10 / 0.5...6   |
| 0.8...1.6 Nm (M 3.5) |
| 12 / 4.0 x 0.8 mm    |

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAK 6N KRG | 100  | <b>0193220000</b> |

With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used.

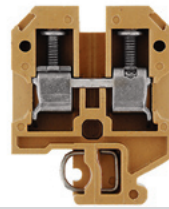
| Type       | current | Qty. | Order No.         |
|------------|---------|------|-------------------|
| Q 2 SAK6N  | 32 A    | 50   | <b>0456700000</b> |
| Q 3 SAK6N  | 57 A    | 50   | <b>0456800000</b> |
| Q 4 SAK6N  | 57 A    | 50   | <b>0456900000</b> |
| Q 10 SAK6N | 32 A    | 20   | <b>0457000000</b> |

|                     |        |     |                   |
|---------------------|--------|-----|-------------------|
| VL 2 SAK6N/SAKT     | 32 A   | 50  | <b>0194700000</b> |
| VH 19/5/3.5 SAK4-16 |        | 50  | <b>0285100000</b> |
| BFSC M3X25          |        | 100 | <b>0292500000</b> |
| <b>Width</b>        |        |     |                   |
| PS 4 F.STB 4        | 7.6 mm | 20  | <b>0299600000</b> |
|                     |        |     |                   |
| AP SAK4-10 KRG      | 1.5 mm | 20  | <b>0117920000</b> |
| AP SAK4-10 KRG/BL   | 1.5 mm | 20  | <b>0117970000</b> |
| TW SAK4-10 KRG      | 2.5 mm | 20  | <b>0130120000</b> |
| TW SAK4-10 KRG/BL   | 2.5 mm | 20  | <b>0130170000</b> |
|                     |        |     |                   |
| TSCH 1              | 2 mm   | 100 | <b>0319160000</b> |
|                     |        |     |                   |
| AD 4 SAK6N          |        | 50  | <b>0196600000</b> |
| BFSC M3X22 PA/RT    |        | 100 | <b>0128900000</b> |

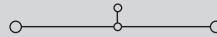
DEK 5/8 / SCHT 7

**SAK 10**

**10 mm<sup>2</sup>**



10 x 40 x 51.5  
**76 / 16**  
**1.5...16**



IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 800      | 600        | 600        | 550        |
| 57       | 60         | 65         | 50         |
| 10       | AWG 14...6 | AWG 16...6 | 10         |
| 8 / 3    |            |            |            |
| B6 / 5VA |            |            |            |

KEMA 97ATEX1798 U

**Rated connection**

|                     |
|---------------------|
| 1.5...10 / 1.5...16 |
| 1.5...16 / 1.5...10 |
| 2.0...4.0 Nm (M 4)  |
| 12 / 1.0 x 5.5 mm   |

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAK 10 KRG    | 100  | <b>0110020000</b> |
| SAK 10 KRG/BL | 100  | <b>0110070000</b> |

A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.

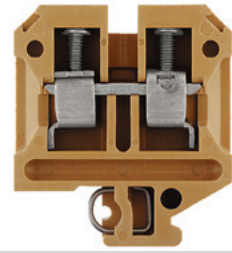
| Type       | current | Qty. | Order No.         |
|------------|---------|------|-------------------|
| Q 2 SAK10  | 57 A    | 50   | <b>0457100000</b> |
| Q 3 SAK10  | 57 A    | 50   | <b>0457200000</b> |
| Q 4 SAK10  | 57 A    | 50   | <b>0457300000</b> |
| Q 10 SAK10 | 57 A    | 20   | <b>0457400000</b> |

|                      |        |     |                   |
|----------------------|--------|-----|-------------------|
| VL 2 SAK6/10/SAKB    | 32 A   | 50  | <b>0135900000</b> |
| VH 19/5/3.5 SAK4-16  |        | 50  | <b>0285100000</b> |
| BFSC M3X25           |        | 100 | <b>0292500000</b> |
| <b>Width</b>         |        |     |                   |
| PS 4 F.STB 4         | 7.6 mm | 20  | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |        | 50  | <b>0169900000</b> |
|                      |        |     |                   |
| AP SAK4-10 KRG       | 1.5 mm | 20  | <b>0117920000</b> |
| AP SAK4-10 KRG/BL    | 1.5 mm | 20  | <b>0117970000</b> |
| TW SAK4-10 KRG       | 2.5 mm | 20  | <b>0130120000</b> |
| TW SAK4-10 KRG/BL    | 2.5 mm | 20  | <b>0130170000</b> |
|                      |        |     |                   |
| TSCH 1               | 2 mm   | 100 | <b>0319160000</b> |
|                      |        |     |                   |
| AD 4 SAK10           |        | 50  | <b>0178600000</b> |
| BFSC M3X22 PA/RT     |        | 100 | <b>0128900000</b> |

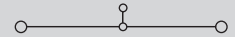
DEK 5/5

**SAK 16**

**16 mm<sup>2</sup>**



12 x 50 x 57.5  
**76 / 16**  
**2.5...16**



IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 1000     | 600        | 600        | 690        |
| 76       | 80         | 87         | 66         |
| 16       | AWG 12...4 | AWG 14...6 | 16         |
| 8 / 3    |            |            |            |
| B6 / 5VA |            |            |            |

KEMA 97ATEX1798 U

**Rated connection**

|                    |
|--------------------|
| 2.5...10 / 4...16  |
| 4...16 / 4...16    |
| 2.0...4.0 Nm (M 4) |
| 15 / 1.0 x 5.5 mm  |

Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAK 16 KRG | 50   | <b>0271020000</b> |

If OIs are aligned side by side, then a TW/AP must be used.

| Type       | current | Qty. | Order No.         |
|------------|---------|------|-------------------|
| Q 2 SAK16  | 76 A    | 50   | <b>0457500000</b> |
| Q 3 SAK16  | 76 A    | 50   | <b>0457600000</b> |
| Q 4 SAK16  | 76 A    | 50   | <b>0457700000</b> |
| Q 10 SAK16 | 76 A    | 20   | <b>0457800000</b> |

|                      |        |     |                   |
|----------------------|--------|-----|-------------------|
| VL 2 SAK16/SAKA      | 57 A   | 50  | <b>0135800000</b> |
| VH 19/5/3.5 SAK4-16  |        | 50  | <b>0285100000</b> |
| BFSC M3X25           |        | 100 | <b>0292500000</b> |
| <b>Width</b>         |        |     |                   |
| PS 4 F.STB 4         | 7.6 mm | 20  | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |        | 50  | <b>0169900000</b> |
|                      |        |     |                   |
| AP SAK16 KRG         | 3 mm   | 20  | <b>0271120000</b> |
| AP SAK35/TW SAK16 BL | 1.5 mm | 10  | <b>0303680000</b> |
| TW SAK16 KRG         | 3 mm   | 20  | <b>0281120000</b> |
|                      |        |     |                   |
| TSCH 1               | 2 mm   | 100 | <b>0319160000</b> |
|                      |        |     |                   |
| AD 4 SAK16           |        | 50  | <b>0518200000</b> |
| BFSC M3X22 PA/RT     |        | 100 | <b>0128900000</b> |

DEK 5/5

## Feed-through terminal

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                       |                 |
|--|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque (clamping screw)               |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Note   |                 |

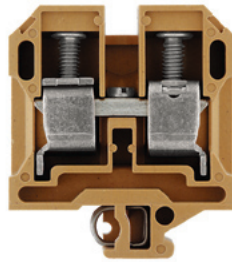
## Ordering data

| Version |               |
|---------|---------------|
|         | Medium yellow |
|         | Blue          |
| Note    |               |

## Accessories

| Screwable cross-connection   |                                 |
|--|---------------------------------|
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
|  | Connecting sleeve               |
|  | Mounting screw                  |
|  | Lock washer                     |
| Switchable link  |                                 |
|  | Switchable link                 |
|  | Connecting sleeve               |
|  | Mounting screw                  |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| End plate / Partition plate  |                                 |
|  | Medium yellow                   |
|  | Blue                            |
|  | Medium yellow                   |
|  | Blue                            |
| Small partition  |                                 |
|  | Small partition                 |
| Cover / warning label  |                                 |
|  | Cover / warning label           |
|  | Mounting screw (plastic)        |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## SAK 35

35 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 18 x 58 x 67.5  |  |
| <b>125 / 50</b> |  |
| <b>6...50</b>   |  |

| IEC 60947-7-1   |           |           |            | Ex e ll  II 2 G D |           |           |            |
|---|-----------|-----------|------------|-------------------|-----------|-----------|------------|
| IEC   | UL        | CSA       | EN 60079-7 | IEC               | UL        | CSA       | EN 60079-7 |
| 1000  | 600       | 600       | 550        | 1000              | 600       | 600       | 550        |
| 125   | 105       | 145       | 109        | 125               | 105       | 145       | 109        |
| 35  | AWG 6...2 | AWG 6...2 | 35         | 35                | AWG 6...2 | AWG 6...2 | 35         |
|   |           |           |            | 8 / 3             |           |           |            |
|   |           |           |            | B9 / 5VA          |           |           |            |
|   |           |           |            | KEMA 97ATEX1798 U |           |           |            |
| Rated connection  |           |           |            |                   |           |           |            |
| 6...16 / 16...50  |           |           |            |                   |           |           |            |
| 10...35 / 10...35   |           |           |            |                   |           |           |            |
| 5,0 Nm (M 6)  |           |           |            |                   |           |           |            |
| 20 / 6.5 x 1.2 mm   |           |           |            |                   |           |           |            |
| Note  |           |           |            |                   |           |           |            |
| The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |           |           |            |                   |           |           |            |

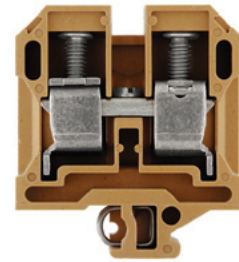
| Type   | Qty. | Order No.         |
|--|------|-------------------|
| SAK 35 KRG   | 20   | <b>0303520000</b> |
| Note   |      |                   |
| It is possible to use twin ferrules with identical rated voltages (LAB 13090). |      |                   |

| Type  | current | Qty.              | Order No.         |
|---|---------|-------------------|-------------------|
| QL 2 SAK35  | 99 A    | 20                | <b>0123600000</b> |
| QL 3 SAK35  | 99 A    | 20                | <b>0123700000</b> |
| QL 4 SAK35  | 99 A    | 20                | <b>0123800000</b> |
| QL 10 SAK35   | 99 A    | 20                | <b>0338600000</b> |
| VH 17/8/5 SAK35   | 50      | <b>0267000000</b> |                   |
| BFSC M4X30  | 50      | <b>0267100000</b> |                   |
| SS M4 D 128-A 4   | 100     | <b>0136400000</b> |                   |
| Width   |         |                   |                   |
| PS 4 F.STB 4  | 7.6 mm  | 20                | <b>0299600000</b> |
| STB 16/D7/4/M4 SAK35  | 50      | <b>0140200000</b> |                   |
| Width   |         |                   |                   |
| AP SAK35 KRG  | 3 mm    | 10                | <b>0303620000</b> |
| AP SAK35 KRG/BL   | 3 mm    | 10                | <b>0303670000</b> |
| TW SAK35 KRG  | 3 mm    | 20                | <b>0304320000</b> |
| Width   |         |                   |                   |
| AD 4 SAK35  | 50      | <b>0178700000</b> |                   |
| BFSC M4X32 PA/RT  | 100     | <b>0129100000</b> |                   |
| Width   |         |                   |                   |
| DEK 5/5 / SCHAT 7   |         |                   |                   |
| Note  |         |                   |                   |
| If QIs are aligned side by side, then a TW/AP must be used. |         |                   |                   |

## SAK 35/IK

35 mm<sup>2</sup>

## Hexagon socket head screw



|                 |  |
|-----------------|--|
| 18 x 58 x 67.5  |  |
| <b>125 / 50</b> |  |
| <b>6...50</b>   |  |

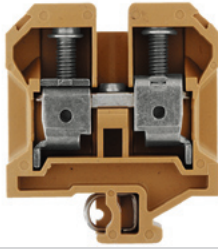
| IEC 60947-7-1   |           |           |            | Ex e ll  II 2 G D |           |           |            |
|---|-----------|-----------|------------|-------------------|-----------|-----------|------------|
| IEC   | UL        | CSA       | EN 60079-7 | IEC               | UL        | CSA       | EN 60079-7 |
| 1000  | 600       | 600       | 550        | 1000              | 600       | 600       | 550        |
| 125   | 105       | 145       | 109        | 125               | 105       | 145       | 109        |
| 35  | AWG 6...2 | AWG 6...2 | 35         | 35                | AWG 6...2 | AWG 6...2 | 35         |
|   |           |           |            | 8 / 3             |           |           |            |
|   |           |           |            | B9 / 5VA          |           |           |            |
|   |           |           |            | KEMA 97ATEX1798 U |           |           |            |
| Rated connection  |           |           |            |                   |           |           |            |
| 6...16 / 16...50  |           |           |            |                   |           |           |            |
| 10...35 / 10...35   |           |           |            |                   |           |           |            |
| 5,0 Nm (M 6)  |           |           |            |                   |           |           |            |
| 20 / S4 (DIN 6911)  |           |           |            |                   |           |           |            |
| Note  |           |           |            |                   |           |           |            |
| The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |           |           |            |                   |           |           |            |

| Type   | Qty. | Order No.         |
|--|------|-------------------|
| SAK 35/IK KRG  | 20   | <b>0476520000</b> |
| Note   |      |                   |
| It is possible to use twin ferrules with identical rated voltages (LAB 13090). |      |                   |

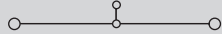
| Type  | current | Qty.              | Order No.         |
|---|---------|-------------------|-------------------|
| QL 2 SAK35  | 99 A    | 20                | <b>0123600000</b> |
| QL 3 SAK35  | 99 A    | 20                | <b>0123700000</b> |
| QL 4 SAK35  | 99 A    | 20                | <b>0123800000</b> |
| QL 10 SAK35   | 99 A    | 20                | <b>0338600000</b> |
| VH 17/8/5 SAK35   | 50      | <b>0267000000</b> |                   |
| BFSC M4X30  | 50      | <b>0267100000</b> |                   |
| SS M4 D 128-A 4   | 100     | <b>0136400000</b> |                   |
| Width   |         |                   |                   |
| PS 4 F.STB 4  | 7.6 mm  | 20                | <b>0299600000</b> |
| STB 16/D7/4/M4 SAK35  | 50      | <b>0140200000</b> |                   |
| Width   |         |                   |                   |
| AP SAK35 KRG  | 3 mm    | 10                | <b>0303620000</b> |
| TW SAK35 KRG  | 3 mm    | 20                | <b>0304320000</b> |
| Width   |         |                   |                   |
| AD 4 SAK35  | 50      | <b>0178700000</b> |                   |
| BFSC M4X32 PA/RT  | 100     | <b>0129100000</b> |                   |
| Width   |         |                   |                   |
| DEK 5/5   |         |                   |                   |
| Note  |         |                   |                   |
| If QIs are aligned side by side, then a TW/AP must be used. |         |                   |                   |

**SAK 35 N**

**35 mm<sup>2</sup>**



16 x 58 x 67.5  
**125 / 50**  
**2.5...50**



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 1000     | 600        | 600        |
| 125      | 105        | 120        |
| 35       | AWG 12...2 | AWG 12...2 |
| 8 / 3    |            |            |
| B8 / 5VA |            |            |



**Rated connection**

2.5...16 / 4...50  
 2.5...35 / 1.5...35  
 4.0...5.0 Nm (M 6)  
 18 / 6.5 x 1.2 mm

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type        | Qty. | Order No.         |
|-------------|------|-------------------|
| SAK 35N KRG | 20   | <b>0550620000</b> |

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type            | current | Qty. | Order No.         |
|-----------------|---------|------|-------------------|
| QL 2 SAK35N     | 99 A    | 50   | <b>0564900000</b> |
| QL 3 SAK35N     | 99 A    | 50   | <b>0565000000</b> |
| QL 4 SAK35N     | 99 A    | 50   | <b>0565100000</b> |
| QL 10 SAK35N    | 99 A    | 20   | <b>0565200000</b> |
| VH 17/8/5 SAK35 |         | 50   | <b>0267000000</b> |
| BFSC M4X30      |         | 50   | <b>0267100000</b> |
| SS M4 D 128-A 4 |         | 100  | <b>0136400000</b> |

|                      | Width  | Qty. | Order No.         |
|----------------------|--------|------|-------------------|
| PS 4 F.STB 4         | 7.6 mm | 20   | <b>0299600000</b> |
| STB 16/D7/4/M4 SAK35 |        | 50   | <b>0140200000</b> |
| AP SAK35 KRG         | 3 mm   | 10   | <b>0303620000</b> |
| AP SAK35 KRG/BL      | 3 mm   | 10   | <b>0303670000</b> |
| TW SAK35 KRG         | 3 mm   | 20   | <b>0304320000</b> |

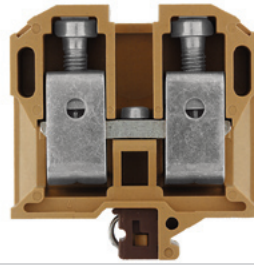
|                  |     |                   |
|------------------|-----|-------------------|
| AD 4 SAK35N      | 50  | <b>0576700000</b> |
| BFSC M4X32 PA/RT | 100 | <b>0129100000</b> |

DEK 5/5

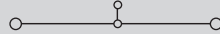
If QIs are aligned side by side, then a TW/AP must be used.

**SAK 70**

**70 mm<sup>2</sup>**



22 x 75 x 79.5  
**192 / 70**  
**16...70**



IEC 60947-7-1

| IEC       | UL          | CSA         |
|-----------|-------------|-------------|
| 1000      | 600         | 600         |
| 192       | 150         | 150         |
| 70        | AWG 4...2/0 | AWG 4...2/0 |
| 8 / 3     |             |             |
| B11 / 5VA |             |             |



**Rated connection**

16...16 / 16...70  
 16...70 / 16...35  
 6.0...12 Nm (M 8)  
 24 / S6 (DIN 6911)

Connection torque H07V-R70 = 12 Nm

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAK 70 KRG    | 10   | <b>0340820000</b> |
| SAK 70 KRG/BL | 10   | <b>0340870000</b> |

| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAK70           | 192 A   | 20   | <b>0345300000</b> |
| QL 3 SAK70           | 192 A   | 5    | <b>0167000000</b> |
| VH 30.5/11/5.5 SAK70 |         | 20   | <b>0345500000</b> |
| BFSC M5X45           |         | 20   | <b>0345600000</b> |
| SS M5 D 128-A 5      |         | 50   | <b>0346100000</b> |

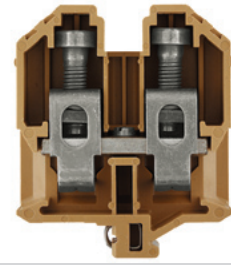
|                      | Width  | Qty. | Order No.         |
|----------------------|--------|------|-------------------|
| PS 4 F.STB 4         | 7.6 mm | 20   | <b>0299600000</b> |
| STB 16/D7/4/M5 SAK70 |        | 50   | <b>0385400000</b> |
| AP 70 SAK70 KRG      | 4 mm   | 10   | <b>0340920000</b> |

|                  |    |                   |
|------------------|----|-------------------|
| AD 3 SAK70       | 10 | <b>0344300000</b> |
| BFSC M5X45 PA/NA | 50 | <b>0344400000</b> |

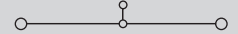
DEK 5/5

**SAK 95**

**95 mm<sup>2</sup>**



28 x 87.9 x 100.5  
**232 / 120**  
**16...120**



IEC 60947-7-1

| IEC       | UL          | CSA         |
|-----------|-------------|-------------|
| 1000      | 600         | 600         |
| 232       | 190         | 200         |
| 95        | AWG 6...4/0 | AWG 6...4/0 |
| 8 / 3     |             |             |
| B13 / 5VA |             |             |



**Rated connection**

16...16 / 16...120  
 16...95 / 10...95  
 16...20 Nm (M 10)  
 30 / S8 (DIN 6911)

Ribbon cable (segmented ribbon) can be connected ranging from 3 to 6 segments of 0.8x9 mm, up to 6 segments of 0.8x16 mm and up to 6 segments of 0.5x13 mm.

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAK 95 KRG | 10   | <b>0550520000</b> |

| Type                | current | Qty. | Order No.         |
|---------------------|---------|------|-------------------|
| QL 2 SAKG28         |         | 10   | <b>0551200000</b> |
| QL 3 SAKG28         |         | 5    | <b>0407600000</b> |
| QL 4 SAKG28         |         | 5    | <b>0407700000</b> |
| VH 35/11/5.5 SAK95  |         | 10   | <b>0551100000</b> |
| KISC M5X50/26 SAK95 |         | 20   | <b>0630200000</b> |

|                      | Width  | Qty. | Order No.         |
|----------------------|--------|------|-------------------|
| PS 4 F.STB 4         | 7.6 mm | 20   | <b>0299600000</b> |
| STB 16/D7/4/M5 SAK70 |        | 50   | <b>0385400000</b> |
| AP SAK95 KRG         | 3 mm   | 10   | <b>0550920000</b> |

|                  |    |                   |
|------------------|----|-------------------|
| BFSC M5X45 PA/NA | 50 | <b>0344400000</b> |
|------------------|----|-------------------|

DEK 5/5

## Two-tier modular terminals

## TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|  |                 |
|--|-----------------|
| <b>Rated data</b>                              |                 |
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## 2 conductors with same cross-section (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |

## Note

## Ordering data

|                |       |
|----------------|-------|
| <b>Version</b> |       |
|                | beige |
|                | Blue  |

## Note

## Accessories

|                                   |         |
|-----------------------------------|---------|
| <b>Screwable cross-connection</b> |         |
|                                   | 2-pole  |
|                                   | 3-pole  |
|                                   | 4-pole  |
|                                   | 10-pole |

|                           |           |
|---------------------------|-----------|
| <b>Testing / Checking</b> |           |
|                           | Test plug |
|                           | Socket    |

|                                    |                  |
|------------------------------------|------------------|
| <b>End plate / Partition plate</b> |                  |
|                                    | beige            |
|                                    | Blue             |
|                                    | Dark beige Wemid |

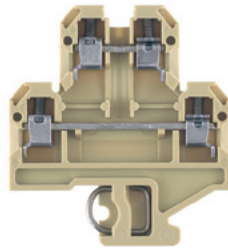
|                        |                 |
|------------------------|-----------------|
| <b>Small partition</b> |                 |
|                        | Small partition |

|                              |                          |
|------------------------------|--------------------------|
| <b>Cover / warning label</b> |                          |
|                              | Cover / warning label    |
|                              | Mounting screw (plastic) |

|                        |                                 |
|------------------------|---------------------------------|
| <b>Marking systems</b> | (see assortment in catalogue 7) |
|                        | Marking tags                    |

For detailed information on other accessories and applications, refer to the „Accessories“ section

## DK 4

4 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 6 x 50 x 59.5   |  |
| <b>41 / 6</b>   |  |
| <b>0.13...6</b> |  |

IEC 60947-7-1 Ex e ll II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 500     | 300         | 300         | 275        |
| 32      | 27          | 10          | 28         |
| 4       | AWG 22...12 | AWG 26...10 | 4          |
| 6 / 3   |             |             |            |
| A3 / V2 |             |             |            |

SIRA 02ATEX3316U

## Rated connection

|                     |
|---------------------|
| 0.5...6 / 0.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...0.8 Nm (M 3)  |
| 9 / 0.6 x 3.5 mm    |

|                       |
|-----------------------|
| 0.5...1.5             |
| 0.5...1.5 / 0.5...1.5 |

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

| Type    | Qty. | Order No.         |
|---------|------|-------------------|
| DK 4    | 100  | <b>0355460000</b> |
| DK 4 BL | 100  | <b>0355480000</b> |

| Type      | current | Qty. | Order No.         |
|-----------|---------|------|-------------------|
| Q 2 AKZ4  | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4  | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4  | 32 A    | 50   | <b>0336600000</b> |
| Q 10 AKZ4 | 32 A    | 20   | <b>0368600000</b> |

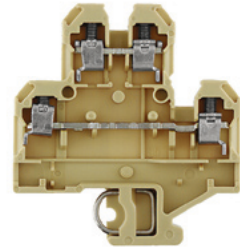
|                         | Width  |    |                   |
|-------------------------|--------|----|-------------------|
| PS 2.3 RT               | 5.4 mm | 20 | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50 | <b>0215700000</b> |

|           |        |    |                   |
|-----------|--------|----|-------------------|
| AP DK4    | 1.5 mm | 20 | <b>0359260000</b> |
| AP DK4 BL | 1.5 mm | 20 | <b>0359280000</b> |
| WTW EN    | 3 mm   | 20 | <b>1058800000</b> |

|               |      |     |                   |
|---------------|------|-----|-------------------|
| TSCH 6 DK1 S4 | 5 mm | 100 | <b>0190260000</b> |
|---------------|------|-----|-------------------|

DEK 5/6

## DK 4 Q

4 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 6 x 50 x 59.5   |  |
| <b>41 / 6</b>   |  |
| <b>0.13...6</b> |  |

IEC 60947-7-1 Ex e ll II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 500     | 300         | 300         | 275        |
| 32      | 27          | 10          | 28         |
| 4       | AWG 22...12 | AWG 26...10 | 4          |
| 6 / 3   |             |             |            |
| A3 / V2 |             |             |            |

SIRA 02ATEX3316U

## Rated connection

|                     |
|---------------------|
| 0.5...6 / 0.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...0.8 Nm (M 3)  |
| 9 / 0.6 x 3.5 mm    |

|                       |
|-----------------------|
| 0.5...1.5             |
| 0.5...1.5 / 0.5...1.5 |

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

| Type        | Qty. | Order No.         |
|-------------|------|-------------------|
| DK 4Q/32    | 100  | <b>0590060000</b> |
| DK 4Q/32 BL | 100  | <b>0590080000</b> |

| Type      | current | Qty. | Order No.         |
|-----------|---------|------|-------------------|
| Q 2 AKZ4  | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4  | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4  | 32 A    | 50   | <b>0336600000</b> |
| Q 10 AKZ4 | 32 A    | 20   | <b>0368600000</b> |

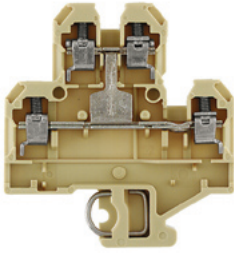
|                         | Width  |    |                   |
|-------------------------|--------|----|-------------------|
| PS 2.3 RT               | 5.4 mm | 20 | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50 | <b>0215700000</b> |

|            |        |    |                   |
|------------|--------|----|-------------------|
| AP DK4Q    | 1.5 mm | 20 | <b>1397160000</b> |
| AP DK4Q BL | 1.5 mm | 20 | <b>1397180000</b> |
| WTW EN     | 3 mm   | 20 | <b>1058800000</b> |

|               |      |     |                   |
|---------------|------|-----|-------------------|
| TSCH 6 DK1 S4 | 5 mm | 100 | <b>0190260000</b> |
|---------------|------|-----|-------------------|

DEK 5/6

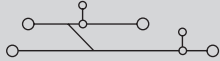
DK 4 QV

4 mm<sup>2</sup>

6 x 54 x 59.5

41 / 6

0.13...6



IEC 60947-7-1

Ex e II



II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 500     | 300         | 300         | 275        |
| 32      | 27          | 10          | 28         |
| 4       | AWG 22...12 | AWG 26...12 | 4          |
| 6 / 3   |             |             |            |
| A3 / V2 |             |             |            |



SIRA 02ATEX3316U

**Rated connection**

0.5...6 / 0.5...4

0.5...4 / 0.5...2.5

0.5...0.8 Nm (M 3)

8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| DK 4QV/32    | 100  | 0590260000 |
| DK 4QV/32 BL | 100  | 0590280000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4Q                 | 1.5 mm  | 20   | 1397160000 |
| AP DK4Q BL              | 1.5 mm  | 20   | 1397180000 |
| WTW EN                  | 3 mm    | 20   | 1058800000 |
| TSCH 6 DK1 S4           | 5 mm    | 100  | 0190260000 |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M2.5X18 PA/RT      |         | 100  | 0303300000 |

DEK 5/6

## Modular PE terminals

## TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data   |                 |
|--|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjacent terminal                   | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Short-time withstand current                         |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / UL94 Flammability class       |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| solid / stranded                                     | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules           | mm <sup>2</sup> |
| Tightening torque range (clamping screw)             |                 |
| Tightening torque range (fixing screw)               |                 |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version      | Note |
|--------------|------|
| green/yellow |      |

## Accessories

| Rail support |
|--------------|
|--------------|

**Marking systems** (see assortment in catalogue 7)  
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## EK 2.5N

2.5 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 6 x 36.5 x 46.5 |  |
| / 4             |  |
| 0.33...4        |  |

IEC 60947-7-2 Ex e ll Ex II 2 G D

| IEC                          | UL          | CSA         | EN 60079-7  |
|------------------------------|-------------|-------------|-------------|
| 2.5                          | AWG 22...12 | AWG 26...10 | AWG 26...10 |
| 800                          |             |             |             |
| 8                            |             |             |             |
| 300 A (2.5 mm <sup>2</sup> ) |             |             |             |
|                              | 3           |             |             |
|                              | A3 / V2     |             |             |

KEMA 97ATEX1798 U

| Rated connection     |  |
|----------------------|--|
| 0.5...4 / 0.5...2.5  |  |
| 0.5...4 / 0.5...2.5  |  |
| 0.4...0.8 Nm (M 2.5) |  |
| 0.5...0.8 Nm         |  |
| 10 / 0.6 x 3.5 mm    |  |

| Type    | Qty. | Order No.  |
|---------|------|------------|
| EK 2.5N | 100  | 0474360000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

DEK 5/6

## EK 4

4 mm<sup>2</sup>

|               |  |
|---------------|--|
| 8 x 40 x 51.5 |  |
| / 6           |  |
| 0.33...6      |  |

IEC 60947-7-2 Ex e ll Ex II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7  |
|----------------------------|-------------|-------------|-------------|
| 4                          | AWG 22...12 | AWG 26...10 | AWG 26...10 |
| 800                        |             |             |             |
| 8                          |             |             |             |
| 480 A (4 mm <sup>2</sup> ) |             |             |             |
|                            | 3           |             |             |
|                            | A4 / V2     |             |             |

KEMA 97ATEX1798 U

| Rated connection   |  |
|--------------------|--|
| 0.5...6 / 0.5...4  |  |
| 0.5...4 / 0.5...4  |  |
| 0.5...1.0 Nm (M 3) |  |
| 0.5...1.0 Nm       |  |
| 12 / 0.6 x 3.5 mm  |  |

| Type | Qty. | Order No.  |
|------|------|------------|
| EK 4 | 100  | 0354560000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

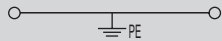
DEK 5/6,5

**EK 10**

**10 mm<sup>2</sup>**



10 x 40 x 51.5  
/ 10  
**0.5...10**



IEC 60947-7-2 Ex e II II 2 G D

| IEC                        | UL         | CSA        | EN 60079-7 |
|----------------------------|------------|------------|------------|
| 10                         | AWG 14...6 | AWG 14...6 | AWG 14...6 |
| 800                        |            |            |            |
| 8                          |            |            |            |
| 720 A (6 mm <sup>2</sup> ) |            |            |            |
| 3                          |            |            |            |
| B6 / V2                    |            |            |            |

KEMA 97ATEX1798 U

**Rated connection**

- 0.5...10 / 1.5...6
- 0.5...10 / 0.5...10
- 1.2...1.6 Nm (M 4)
- 0.5...1.0 Nm
- 12 / 1.0 x 5.5 mm

| Type             | Qty. | Order No.         |
|------------------|------|-------------------|
| EK 10            | 100  | <b>0354660000</b> |
| *UNDEFINED TEXT* |      |                   |

| Type | Width | Qty. | Order No.         |
|------|-------|------|-------------------|
| SH 2 | 40 mm | 10   | <b>0494920000</b> |

DEK 5/5

**EK 16**

**16 mm<sup>2</sup>**



12 x 50 x 57.5  
/ 16  
**2.5...16**



IEC 60947-7-2

| IEC                          | UL         | CSA        |
|------------------------------|------------|------------|
| 16                           | AWG 10...6 | AWG 10...4 |
| 800                          |            |            |
| 8                            |            |            |
| 1920 A (16 mm <sup>2</sup> ) |            |            |
| 3                            |            |            |
| B6 / V2                      |            |            |

KEMA 97ATEX1798 U

**Rated connection**

- 2.5...16 / 2.5...16
- 2.5...16 / 4...16
- 2.0...4.0 Nm (M 4)
- 0.8...1.6 Nm
- 16 / 1.0 x 5.5 mm

| Type  | Qty. | Order No.         |
|-------|------|-------------------|
| EK 16 | 50   | <b>0374660000</b> |

| Type | Width | Qty. | Order No.         |
|------|-------|------|-------------------|
| SH 2 | 40 mm | 10   | <b>0494920000</b> |

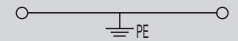
DEK 5/5

**EK 35**

**35 mm<sup>2</sup>**



16 x 58 x 67.5  
/ 50  
**6...50**



IEC 60947-7-2

| IEC                          | UL        | CSA        | EN 60079-7 |
|------------------------------|-----------|------------|------------|
| 35                           | AWG 6...2 | AWG 10...2 | AWG 10...2 |
| 800                          |           |            |            |
| 8                            |           |            |            |
| 4200 A (35 mm <sup>2</sup> ) |           |            |            |
| 3                            |           |            |            |
| B9 / V2                      |           |            |            |

KEMA 97ATEX1798 U

**Rated connection**

- 6...16 / 16...50
- 10...35 / 10...35
- 4.0...6.0 Nm (M 6)
- 0.8...1.6 Nm
- 20 / 6.5 x 1.0 mm

| Type  | Qty. | Order No.         |
|-------|------|-------------------|
| EK 35 | 20   | <b>0354760000</b> |

| Type | Width | Qty. | Order No.         |
|------|-------|------|-------------------|
| SH 2 | 40 mm | 10   | <b>0494920000</b> |

DEK 5/5

The TS 35/15 Cu must be used when connecting conductors of 50 mm<sup>2</sup>.

## Modular PE terminals

## TS 32

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 Max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

Rated cross-section mm<sup>2</sup>  
 Rated voltage to adjacent terminal -  
 Rated impulse withstand voltage to adjacent terminal -  
 Short-time withstand current  
 Pollution severity  
 Gauge to IEC 60947-1 / UL94 Flammability class  
 Approvals

## Clamped conductors (H05V/H07V)

solid / stranded mm<sup>2</sup>  
 flexible / Stranded wire with end ferrules mm<sup>2</sup>  
 Tightening torque range (clamping screw)  
 Tightening torque range (fixing screw)  
 Stripping length / Blade size mm/-

## Note

## Ordering data

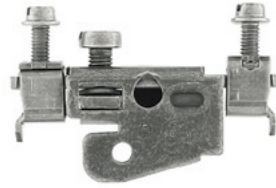
## Version

## Note

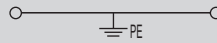
## Accessories

## Rail support

## EK 2

10 mm<sup>2</sup>

10.2 x 52 x 38  
 / 10  
 1.5...10



IEC 60947-7-2

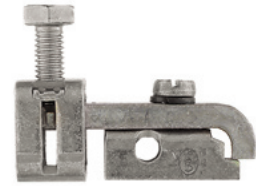
| IEC                          | UL         | CSA        |
|------------------------------|------------|------------|
| 10                           | AWG 16...8 | AWG 16...8 |
| 1200 A (10 mm <sup>2</sup> ) |            |            |
| B6 / ---                     |            |            |



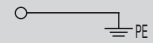
## Rated connection

1.5...10 / 1.5...10  
 1.5...10 / 1.5...10  
 1.2...1.6 Nm (M 4)  
 2.0...4.0 Nm  
 14 / 1.0 x 5.5 mm

## SAKE 35

35 mm<sup>2</sup>

14 x 46 x 39  
 / 35  
 6...35



IEC 60947-7-2

| IEC                          | UL        | CSA       |
|------------------------------|-----------|-----------|
| 35                           | AWG 8...2 | AWG 8...2 |
| 4200 A (35 mm <sup>2</sup> ) |           |           |
| B8 / V-0                     |           |           |



## Rated connection

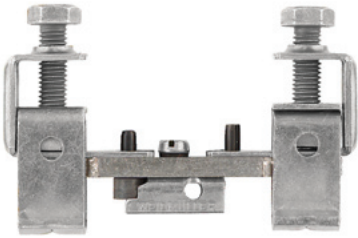
6...35 / 6...35  
 6...35 / 10...35  
 4.0...5.0 Nm (M 6)  
 2.0...4.0 Nm  
 16 / 6.5 x 1.2 mm

(see assortment in catalogue 7)

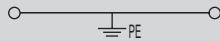
For detailed information on other accessories and applications, refer to the „Accessories“ section

**SAKE 70**

**70 mm<sup>2</sup>**



18 x 94 x 59.5  
/ 70  
10...70



IEC 60947-7-2

| IEC | UL | CSA         |
|-----|----|-------------|
| 70  |    | AWG 1...2/0 |

8400 A (70 mm<sup>2</sup>)

B10 / V-0



**Rated connection**

10...16 / 10...70

10...70 / 10...70

6.0...12 Nm (M 8)

2.0...4.0 Nm

25 /

When connecting with stranded conductors  $\geq 50 \text{ mm}^2$  and 12 Nm tightening torque. Test current 8,4 kA to IK carried out via copper terminal rail

| Type       | Qty. | Order No.  |
|------------|------|------------|
| SAKE 70/32 | 10   | 0213200000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

A copper TS 32 rail must be used for connecting conductors  $\geq 50 \text{ mm}^2$ .

## Disconnect terminals

## TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                       |                 |
|--|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | -               |
| flexible / Stranded wire with end ferrules       | -               |
| Note   |                 |

## Ordering data

| Version |       |
|---------|-------|
|         | beige |
|         | Blue  |
| Note    |       |

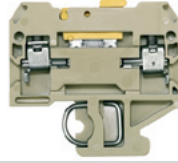
## Accessories

| External cross-connection   |                       |
|-----------------------------|-----------------------|
|                             | 2-pole                |
|                             | 3-pole                |
|                             | 4-pole                |
| Testing / Checking          |                       |
|                             | Test plug             |
|                             | Socket                |
| End plate / Partition plate |                       |
|                             | beige                 |
|                             | Blue                  |
|                             | beige                 |
|                             | Tropical applications |

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## SAKR

4 mm<sup>2</sup>

|                 |
|-----------------|
| 6.5 x 42 x 40.5 |
| <b>10 / 4</b>   |
| <b>0.13...4</b> |

IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 400     | 300         | 300         |
| 10      | 10          | 10          |
| 4       | AWG 22...12 | AWG 22...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |



## Rated connection

|                     |
|---------------------|
| 0.5...4 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...1.0 Nm (M 3)  |
| 8 / 0.6 x 3.5 mm    |

Torque for SAKR with socket: 0.5 - 0.7 Nm.

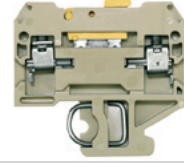
| Type    | Qty. | Order No.         |
|---------|------|-------------------|
| SAKR    | 100  | <b>0412160000</b> |
| SAKR BL | 100  | <b>0412180000</b> |

| Type                   | current | Qty. | Order No.         |
|------------------------|---------|------|-------------------|
| QB 2 WI RA6 IS         | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS         | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS         | 27 A    | 50   | <b>0482900000</b> |
| Width                  |         |      |                   |
| PS 2.3 RT              | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 6/D3.7/2.3/M3 SAKR |         | 100  | <b>0379400000</b> |
| Width                  |         |      |                   |
| AP SAKR BE             | 1.5 mm  | 20   | <b>0211360000</b> |
| AP SAKR BL             | 1.5 mm  | 20   | <b>0211380000</b> |
| TW SAK2.5 HP/TF/GE/1   | 1 mm    | 20   | <b>0297100000</b> |

DEK 5/6,5 / SCHAT 7

QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm<sup>2</sup>. Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

## SAKR StB

4 mm<sup>2</sup>

|                 |
|-----------------|
| 6.5 x 42 x 40.5 |
| <b>10 / 4</b>   |
| <b>0.13...4</b> |

IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 400     | 300         | 300         |
| 10      | 10          | 10          |
| 4       | AWG 22...12 | AWG 22...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |



## Rated connection

|                     |
|---------------------|
| 0.5...4 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...1.0 Nm (M 3)  |
| 8 / 0.6 x 3.5 mm    |

Tightening torque via the sockets is 0.5 - 0.7 Nm.

| Type         | Qty. | Order No.         |
|--------------|------|-------------------|
| SAKR 2STB    | 100  | <b>0412260000</b> |
| SAKR 2STB BL | 100  | <b>0412280000</b> |

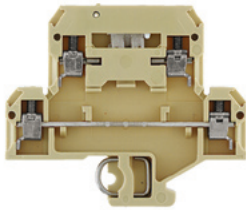
| Type                   | current | Qty. | Order No.         |
|------------------------|---------|------|-------------------|
| QB 2 WI RA6 IS         | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS         | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS         | 27 A    | 50   | <b>0482900000</b> |
| Width                  |         |      |                   |
| PS 2.3 RT              | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 6/D3.7/2.3/M3 SAKR |         | 100  | <b>0379400000</b> |
| Width                  |         |      |                   |
| AP SAKR BE             | 1.5 mm  | 20   | <b>0211360000</b> |
| AP SAKR BL             | 1.5 mm  | 20   | <b>0211380000</b> |
| TW SAK2.5 HP/TF/GE/1   | 1 mm    | 20   | <b>0297100000</b> |

DEK 5/6,5 / SCHAT 7

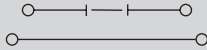
QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm<sup>2</sup>. Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

**DKT 4**

4 mm<sup>2</sup>



6 x 65 x 56.5  
**10 / 4**  
**0.13...4**



IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 300         | 300         |
| 10  | 10          | 10          |
| 4   | AWG 22...12 | AWG 26...12 |
|     | 6 / 3       |             |
|     | A3 / V2     |             |



**Rated connection**

0.5...4 / 1.5...4

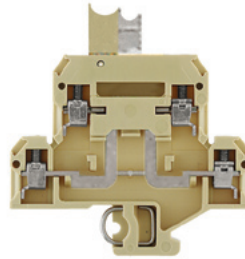
0.5...4 / 0.5...2.5

0.5...1.0 Nm (M 3)

9 / 0.6 x 3.5 mm

**DKT 4 V**

4 mm<sup>2</sup>



6 x 65 x 56.5  
**10 / 4**  
**0.13...4**



IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 400 |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 6 / 3   |     |
|     | A3 / V2 |     |



**Rated connection**

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...1.0 Nm (M 3)

9 / 0.6 x 3.5 mm

| Type  | Qty. | Order No.         |
|-------|------|-------------------|
| DKT 4 | 100  | <b>0687360000</b> |

| Type        | Qty. | Order No.         |
|-------------|------|-------------------|
| DKT 4V 2STB | 50   | <b>1304860000</b> |

| Type              | current | Qty. | Order No.         |
|-------------------|---------|------|-------------------|
| QB 2 WI RA6 IS    | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS    | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS    | 27 A    | 50   | <b>0482900000</b> |
| Width             |         |      |                   |
| PS 2.3 RT         | 5.4 mm  | 20   | <b>0180400000</b> |
| AP DKT4 PA        | 1.5 mm  | 20   | <b>0687560000</b> |
| TW SAKS2 HP/DBR/2 | 2 mm    | 20   | <b>0607000000</b> |

| Type              | current | Qty. | Order No.         |
|-------------------|---------|------|-------------------|
| QB 2 WI RA6 IS    | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS    | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS    | 27 A    | 50   | <b>0482900000</b> |
| Width             |         |      |                   |
| PS 2.3 RT         | 5.4 mm  | 20   | <b>0180400000</b> |
| AP DKT4 PA        | 1.5 mm  | 20   | <b>0687560000</b> |
| TW SAKS2 HP/DBR/2 | 2 mm    | 20   | <b>0607000000</b> |

DEK 5/6

DEK 5/6

## Disconnect terminals

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|  |                 |
|--|-----------------|
| <b>Rated data</b>                              |                 |
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

|   |                 |
|---|-----------------|
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| Tightening torque range (clamping screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| solid / stranded  | -               |
| flexible / Stranded wire with end ferrules              | -               |

## Note

## Ordering data

|                |               |
|----------------|---------------|
| <b>Version</b> | Medium yellow |
| <b>Note</b>    |               |

## Accessories

|   |                   |
|---|-------------------|
| <b>Screwable cross-connection</b>   |                   |
|   | 2-pole            |
|   | 3-pole            |
|   | 4-pole            |
|   | 10-pole           |
|  | Connecting sleeve |
|   | Mounting screw    |
|   | Lock washer       |

## Testing / Checking

|           |  |
|-----------|--|
| Test plug |  |
| Socket    |  |

## End plate / Partition plate

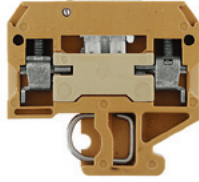
|  |                       |
|--|-----------------------|
|  | Medium yellow         |
|  | Blue                  |
|  | Medium yellow         |
|  | Blue                  |
|  | Tropical applications |

## Marking systems (see assortment in catalogue 7)

Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## SAKR

4 mm<sup>2</sup>

6.5 x 42 x 40.5

10 / 4

0.13...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300         | 300         |
| 10       | 10          | 10          |
| 4        | AWG 22...12 | AWG 22...12 |
| 6 / 3    |             |             |
| A3 / 5VA |             |             |



## Rated connection

|                     |
|---------------------|
| 0.5...4 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...1.0 Nm (M 3)  |
| 8 / 0.6 x 3.5 mm    |

Torque for SAKR with socket: 0.5 - 0.7 Nm.

| Type     | Qty. | Order No.  |
|----------|------|------------|
| SAKR KRG | 100  | 0412120000 |

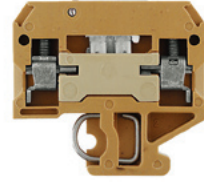
| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |

| Width                  |        |     |            |
|------------------------|--------|-----|------------|
| PS 2.3 RT              | 5.4 mm | 20  | 0180400000 |
| STB 6/D3.7/2.3/M3 SAKR |        | 100 | 0379400000 |
| AP SAKR KRG            | 1.5 mm | 20  | 0211320000 |
|                        |        |     |            |
| TW SAK2.5 HP/TF/GE/1   | 1 mm   | 20  | 0297100000 |

DEK 5/6,5 / SCHT 7

QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm<sup>2</sup>. Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

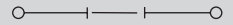
## SAKR StB

4 mm<sup>2</sup>

6.5 x 42 x 40.5

10 / 4

0.13...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300         | 300         |
| 10       | 10          | 10          |
| 4        | AWG 22...12 | AWG 22...12 |
| 6 / 3    |             |             |
| A3 / 5VA |             |             |



## Rated connection

|                     |
|---------------------|
| 0.5...4 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...1.0 Nm (M 3)  |
| 8 / 0.6 x 3.5 mm    |

Tightening torque via the sockets is 0.5 - 0.7 Nm.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKR 2STB KRG | 100  | 0412220000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |

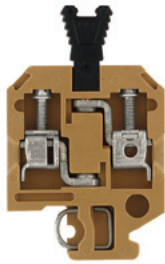
| Width                  |        |     |            |
|------------------------|--------|-----|------------|
| PS 2.3 RT              | 5.4 mm | 20  | 0180400000 |
| STB 6/D3.7/2.3/M3 SAKR |        | 100 | 0379400000 |
| AP SAKR KRG            | 1.5 mm | 20  | 0211320000 |
|                        |        |     |            |
| TW SAK2.5 HP/TF/GE/1   | 1 mm   | 20  | 0297100000 |

DEK 5/6,5 / SCHT 7

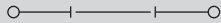
QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm<sup>2</sup>. Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

**SAKC 4**

**4 mm<sup>2</sup>**



6.5 x 40 x 51.5  
**25 / 6**  
**0.33...6**



IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 300         | 300         |
| 25  | 25          | 25          |
| 4   | AWG 22...12 | AWG 22...10 |
|     | 6 / 3       |             |
|     | A4 / 5VA    |             |



**Rated connection**

0.5...6 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...1.0 Nm (M 3)  
 12 / 0.6 x 3.5 mm

Tightening torque via the sockets is 0.5 - 0.7 Nm.

| Type                               | Qty. | Order No.         |
|------------------------------------|------|-------------------|
| SAKC 4 KRG                         | 100  | <b>0340720000</b> |
| SAKC 4 2STB 7 order no. 0340620000 |      |                   |

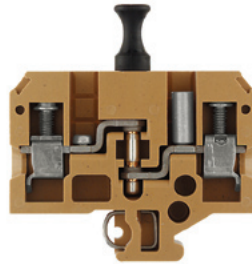
| Type                    | Qty.   | Order No.            |
|-------------------------|--------|----------------------|
| <b>Width</b>            |        |                      |
| PS 2.3 RT               | 5.4 mm | 20 <b>0180400000</b> |
| STB 7/D4/2.3/M3 ZB/SAKC | 100    | <b>0358500000</b>    |
| <b>Width</b>            |        |                      |
| AP SAK4-10 KRG          | 1.5 mm | 20 <b>0117920000</b> |
| AP SAK4-10 KRG/BL       | 1.5 mm | 20 <b>0117970000</b> |
| TW SAK4-10 KRG          | 2.5 mm | 20 <b>0130120000</b> |
| TW SAK4-10 KRG/BL       | 2.5 mm | 20 <b>0130170000</b> |

DEK 5/6,5

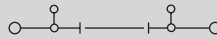
Dummy plug and pull out tool see chapter accessories

**SAKC 10**

**10 mm<sup>2</sup>**



12 x 65 x 52.5  
**27 / 10**  
**0.33...10**



IEC 60947-7-1

| IEC | UL         | CSA         |
|-----|------------|-------------|
| 500 | 600        | 600         |
| 26  | 25         | 25          |
| 10  | AWG 22...8 | AWG 20...10 |
|     | 6 / 3      |             |
|     | B6 / 5VA   |             |



**Rated connection**

0.5...10 / 1.5...10  
 0.5...10 / 0.5...10  
 1.2...2.4 Nm (M 4)  
 12 / 1.0 x 5.5 mm

Tightening torque for socket is 1.2 Nm. Tightening torque is 2 Nm when connecting 10-mm<sup>2</sup> stranded conductor

| Type  | Qty. | Order No.         |
|---|------|-------------------|
| SAKC 10 2STB  | 50   | <b>0324120000</b> |
| Version with socket (right), Art.no.: 0324020000 SAKC 10 STB/RE |      |                   |

| Type                  | current | Qty. | Order No.         |
|-----------------------|---------|------|-------------------|
| QL 2 SAKA10           | 36 A    | 50   | <b>0135500000</b> |
| QL 3 SAKA10           | 36 A    | 50   | <b>0135600000</b> |
| QL 4 SAKA10           | 36 A    | 50   | <b>0135700000</b> |
| QL 10 SAKA10          | 36 A    | 20   | <b>0338500000</b> |
| VH 13.6/7/4.2 SAKA10  |         | 50   | <b>0299700000</b> |
| BFSC M4X20            |         | 100  | <b>0362800000</b> |
| SS M4 D 128-A 4       |         | 100  | <b>0136400000</b> |
| <b>Width</b>          |         |      |                   |
| PS 4 F.STB 4          | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 17/D6/4/M4 SAKC10 | 50      |      | <b>0147100000</b> |
| <b>Width</b>          |         |      |                   |
| AP SAKB-C-T I         | 3 mm    | 20   | <b>0146710000</b> |
| TW SAKB-C-T           | 3 mm    | 20   | <b>0242920000</b> |

DEK 5/6,5

Pull out force look under Accessories.

## Fuse terminals

## TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|  |                 |
|--|-----------------|
| <b>Rated data</b>                              |                 |
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

**Clamped conductors (H05V/H07V)**

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

**2 conductors with same cross-section (H05V/H07V)**

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |

## Note

## Ordering data

|                |
|----------------|
| <b>Version</b> |
|----------------|

## Note

## Accessories

**Screwable cross-connection**

2-pole  
3-pole  
4-pole

**G-fuse cartridge, 5 x 20mm (IEC 60127-2)**

0,10 A  
0,20 A  
0,25 A fast  
0,50 A fast  
0,63 A  
1,00 A fast  
1,60 A  
2,00 A fast  
2,50 A  
3,15 A  
4,00 A  
5,00 A  
6,30 A

**Contact sleeve****Marking systems** (see assortment in catalogue 7)

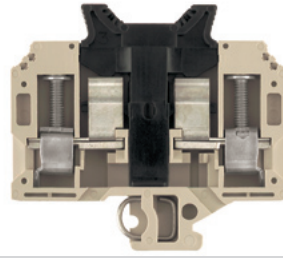
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

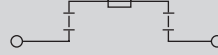
## KSKM 1

10 mm<sup>2</sup>

5 x 20



13 x 69 x 63

**6.3 / 16****0.13...16**

|            |            |            |
|------------|------------|------------|
| <b>IEC</b> | <b>UL</b>  | <b>CSA</b> |
| 250        | 600        |            |
| 6.3        | 10         |            |
| 10         | AWG 26...8 |            |
| B6 / V-0   |            |            |

**Rated connection**

|                    |
|--------------------|
| 0.5...16           |
| 0.5...10           |
| 1.2...2.4 Nm (M 4) |
| 12 / 1.0 x 5.5 mm  |

## Note

|               |             |                  |
|---------------|-------------|------------------|
| <b>Type</b>   | <b>Qty.</b> | <b>Order No.</b> |
| KSKM 1/32 G20 | 20          | 9509570000       |

|             |             |                  |
|-------------|-------------|------------------|
| <b>Type</b> | <b>Qty.</b> | <b>Order No.</b> |
|-------------|-------------|------------------|

|              |    |            |
|--------------|----|------------|
| G 20/0.10A/F | 10 | 0430300000 |
| G 20/0.20A/F | 10 | 0430400000 |
| G 20/0.25A/F | 10 | 0430500000 |
| G 20/0.50A/F | 10 | 0430600000 |
| G 20/0.63A/F | 10 | 0439000000 |
| G 20/1.00A/F | 10 | 0430700000 |
| G 20/1.60A/F | 10 | 0430800000 |
| G 20/2.00A/F | 10 | 0430900000 |
| G 20/2.50A/F | 10 | 0431000000 |
| G 20/3.15A/F | 10 | 0431100000 |
| G 20/4.00A/F | 10 | 0431200000 |
| G 20/5.00A/F | 10 | 0431300000 |
| G 20/6.30A/F | 10 | 0431400000 |

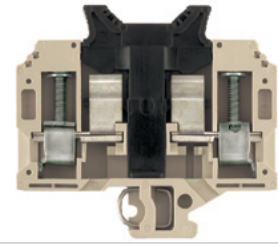
|          |    |            |
|----------|----|------------|
| SBL/1912 | 10 | 0446100000 |
|----------|----|------------|

DEK 5/5

## KSKM 2

10 mm<sup>2</sup>

1" x 1/4"



13 x 69 x 63

**13 / 16****0.13...16**

|            |            |            |
|------------|------------|------------|
| <b>IEC</b> | <b>UL</b>  | <b>CSA</b> |
| 250        | 600        |            |
| 13         | 15         |            |
| 10         | AWG 26...8 |            |
| B6 / V-0   |            |            |

**Rated connection**

|                    |
|--------------------|
| 0.5...16           |
| 0.5...10           |
| 1.2...2.4 Nm (M 4) |
| 12 / 1.0 x 5.5 mm  |

## Note

|                    |             |                  |
|--------------------|-------------|------------------|
| <b>Type</b>        | <b>Qty.</b> | <b>Order No.</b> |
| KSKM 2/32 GZ 1X1/4 | 20          | 9509580000       |

|             |             |                  |
|-------------|-------------|------------------|
| <b>Type</b> | <b>Qty.</b> | <b>Order No.</b> |
|-------------|-------------|------------------|

|          |    |            |
|----------|----|------------|
| SBL/2111 | 10 | 0446200000 |
|----------|----|------------|

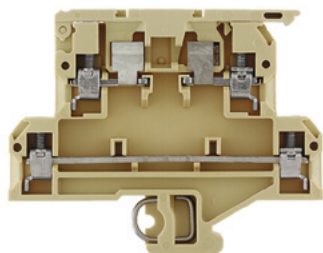
|          |    |            |
|----------|----|------------|
| SBL/2111 | 10 | 0446200000 |
|----------|----|------------|

DEK 5/5

Fuse 1" x 1/4" aren't available by Weidmüller.

**KDKS 1**

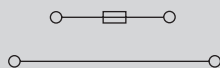
**4 mm<sup>2</sup>**



8 x 73.5 x 55.6

**6.3 / 4**

**0.33...4**



IEC 60947-7-3

| IEC | UL          | CSA |
|-----|-------------|-----|
| 500 | 300         |     |
| 6.3 | 10          |     |
| 4   | AWG 22...12 |     |
|     | 6 / 3       |     |
|     | A3 / V2     |     |



**Rated connection**

0.5...4 / 1.5...4

0.5...4 / 0.5...4

0.5...0.8 Nm (M 3)

8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

Note: max. conductor size = 2.5 mm<sup>2</sup> when using the cross-connection.

| Type      | Qty. | Order No.         |
|-----------|------|-------------------|
| KDKS 1/32 | 50   | <b>9503300000</b> |

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

| Type           | current | Qty. | Order No.         |
|----------------|---------|------|-------------------|
| QB 2 WI RA8 IS | 27 A    | 50   | <b>0461100000</b> |
| QB 3 WI RA8 IS | 27 A    | 50   | <b>0461200000</b> |
| QB 4 WI RA8 IS | 27 A    | 50   | <b>0461300000</b> |
| G 20/0.10A/F   |         | 10   | <b>0430300000</b> |
| G 20/0.20A/F   |         | 10   | <b>0430400000</b> |
| G 20/0.25A/F   |         | 10   | <b>0430500000</b> |
| G 20/0.50A/F   |         | 10   | <b>0430600000</b> |
| G 20/1.00A/F   |         | 10   | <b>0430700000</b> |
| G 20/1.60A/F   |         | 10   | <b>0430800000</b> |
| G 20/2.00A/F   |         | 10   | <b>0430900000</b> |
| G 20/2.50A/F   |         | 10   | <b>0431000000</b> |
| G 20/3.15A/F   |         | 10   | <b>0431100000</b> |
| G 20/4.00A/F   |         | 10   | <b>0431200000</b> |
| G 20/5.00A/F   |         | 10   | <b>0431300000</b> |
| G 20/6.30A/F   |         | 10   | <b>0431400000</b> |

DEK 5/8

## Fuse terminals

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

| Version |                     |
|---------|---------------------|
|         | 500 V AC/DC         |
|         | With GL 230 V AC/DC |
|         | With GL 115 V AC/DC |
|         | With LED +- 24 V DC |
|         | 500 V AC/DC         |
| Note    |                     |

## Accessories

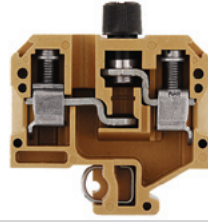
| Screwable cross-connection  |               |
|---|---------------|
|  | 2-pole        |
|   | 3-pole        |
|   | 4-pole        |
|   | 10-pole       |
| End plate / Partition plate   |               |
|   | Medium yellow |

Marking systems (see assortment in catalogue 7)

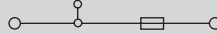
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## SAKS 1 5x20

10 mm<sup>2</sup>

13 x 54 x 61  
10 / 16  
0.13...16



| IEC   | UL          | CSA         |
|---|-------------|-------------|
| 500   | 600         | 600         |
| 10  | 6.3         | 10          |
| 10  | AWG 22...10 | AWG 26...10 |
| 6 / 3   |             |             |
| B6 / 5VA  |             |             |
| Rated connection  |             |             |
| 0.5...16 / 1.5...10   |             |             |
| 0.5...10 / 0.5...10   |             |             |
| 1.2...2.4 Nm (M 4)  |             |             |
| 12 / 1.0 x 5.5 mm   |             |             |
| Connections for 10-mm <sup>2</sup> stranded conductors require a tightening torque of 2 Nm. |             |             |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| SAKS 1/G20 | 20   | 0191220000 |
|            |      |            |
|            |      |            |
|            |      |            |
|            |      |            |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QL 2 SAKS1     | 36 A    | 50   | 0191400000 |
| QL 3 SAKS1     | 36 A    | 50   | 0191500000 |
| QL 4 SAKS1     | 36 A    | 20   | 0191600000 |
| Width          |         |      |            |
| AP SAKS1+3 KRG | 3 mm    | 20   | 0191320000 |

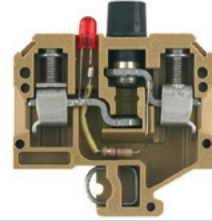
DEK 5/5

Refer to „Accessories“ Chapter for cross-connection accessories

## SAKS 1 5x20

10 mm<sup>2</sup>

With LED or glow lamp



13 x 54 x 61  
10 / 16  
0.5...16



| IEC   | UL         | CSA         |
|---|------------|-------------|
| 500   |            |             |
| 6.3   |            |             |
| 10  | AWG 22...8 | AWG 26...10 |
| 4 /   |            |             |
| B6 / 5VA  |            |             |
| Rated connection  |            |             |
| 0.5...16 / 1.5...10   |            |             |
| 0.5...10 / 0.5...10   |            |             |
| 1.2...2.4 Nm (M 4)  |            |             |
| 12 / 1.0 x 5.5 mm   |            |             |
| Connections for 10-mm <sup>2</sup> stranded conductors require a tightening torque of 2 Nm. |            |             |

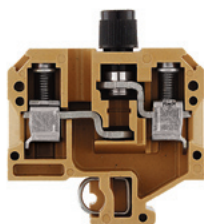
| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| SAKS 1/32 G20 GL 230VAC | 10   | 0306120000 |
| SAKS 1/32 G20 GL 115VAC | 10   | 0385320000 |
| SAKS 1/32 G20 LD 24VDC  | 10   | 0371420000 |
|                         |      |            |
|                         |      |            |

| Type           | Qty. | Order No. |
|----------------|------|-----------|
|                |      |           |
|                |      |           |
|                |      |           |
| Width          |      |           |
| AP SAKS1+3 KRG | 3 mm | 20        |
|                |      |           |

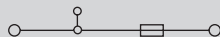
DEK 5/5

**SAKS 1 5x25**

**10 mm<sup>2</sup>**



13 x 54 x 61  
**10 / 16**  
**0.13...16**



| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 500      | 300        | 600         |
| 10       | 6.3        | 10          |
| 10       | AWG 22...8 | AWG 26...10 |
| 6 / 3    |            |             |
| B6 / 5VA |            |             |

**Rated connection**

|                     |
|---------------------|
| 0.5...16 / 1.5...10 |
| 0.5...10 / 0.5...10 |
| 1.2...2.4 Nm (M 4)  |
| 12 / 1.0 x 5.5 mm   |

Connections for 10-mm<sup>2</sup> stranded conductors require a tightening torque of 2 Nm.

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAKS 1/G25 | 20   | <b>0191120000</b> |
|            |      |                   |
|            |      |                   |
|            |      |                   |

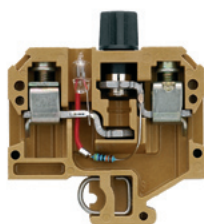
| Type           | current | Qty. | Order No.         |
|----------------|---------|------|-------------------|
| QL 2 SAKS1     | 36 A    | 50   | <b>0191400000</b> |
| QL 3 SAKS1     | 36 A    | 50   | <b>0191500000</b> |
| QL 4 SAKS1     | 36 A    | 20   | <b>0191600000</b> |
| QL 10 SAKS1    | 36 A    | 20   | <b>0338800000</b> |
| <b>Width</b>   |         |      |                   |
| AP SAKS1+3 KRG | 3 mm    | 20   | <b>0191320000</b> |

DEK 5/5  
 Refer to „Accessories“ Chapter for cross-connection accessories

**SAKS 1 5x25**

**10 mm<sup>2</sup>**

**With glow lamp**



13 x 54 x 61  
**6.3 / 16**  
**0.5...16**



| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 500      |            |             |
| 6.3      |            |             |
| 10       | AWG 22...8 | AWG 26...10 |
| 4 /      |            |             |
| B6 / 5VA |            |             |

**Rated connection**

|                     |
|---------------------|
| 0.5...16 / 1.5...10 |
| 0.5...10 / 0.5...10 |
| 1.2...2.4 Nm (M 4)  |
| 12 / 1.0 x 5.5 mm   |

Connections for 10-mm<sup>2</sup> stranded conductors require a tightening torque of 2 Nm.

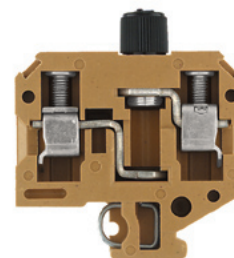
| Type                    | Qty. | Order No.         |
|-------------------------|------|-------------------|
| SAKS 1/32 G25 GL 230VAC | 10   | <b>0309320000</b> |
|                         |      |                   |
|                         |      |                   |
|                         |      |                   |

| Type           | Qty. | Order No.            |
|----------------|------|----------------------|
|                |      |                      |
|                |      |                      |
|                |      |                      |
|                |      |                      |
| <b>Width</b>   |      |                      |
| AP SAKS1+3 KRG | 3 mm | 20 <b>0191320000</b> |

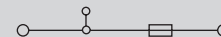
DEK 5/5  
 Refer to „Accessories“ Chapter for cross-connection accessories

**SAKS 3**

**10 mm<sup>2</sup>**



13 x 54 x 61  
**10 / 16**  
**0.33...16**



| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 500      | 300        | 600         |
| 10       | 10         | 10          |
| 10       | AWG 22...8 | AWG 22...10 |
| 6 / 3    |            |             |
| B6 / 5VA |            |             |

**Rated connection**

|                     |
|---------------------|
| 0.5...16 / 1.5...10 |
| 0.5...10 / 0.5...10 |
| 1.2...2.4 Nm (M 4)  |
| 12 / 1.0 x 5.5 mm   |

| Type  | Qty. | Order No.         |
|---|------|-------------------|
| SAKS 3 G/5X30 500V  | 20   | <b>0297520000</b> |
|   |      |                   |
|   |      |                   |
| SAKS 3 GZ/6.3X32  | 20   | <b>0248920000</b> |
| SAKS 3 1"x1/4" with a red cap available under 0211120000. |      |                   |

| Type           | current | Qty. | Order No.         |
|----------------|---------|------|-------------------|
| QL 2 SAKS1     | 36 A    | 50   | <b>0191400000</b> |
| QL 3 SAKS1     | 36 A    | 50   | <b>0191500000</b> |
| QL 4 SAKS1     | 36 A    | 20   | <b>0191600000</b> |
| QL 10 SAKS1    | 36 A    | 20   | <b>0338800000</b> |
| <b>Width</b>   |         |      |                   |
| AP SAKS1+3 KRG | 3 mm    | 20   | <b>0191320000</b> |

DEK 5/5

## Fuse terminals

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

Without LED

## Note

## Accessories

## Screwable cross-connection



|                |  |
|----------------|--|
| 2-pole         |  |
| 3-pole         |  |
| 4-pole         |  |
| 10-pole        |  |
| Mounting screw |  |
| Lock washer    |  |

## Screw cover cap

SK

## Gauge rings

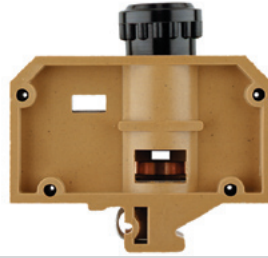
## Fuse cartridges

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

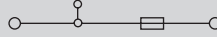
## SAKS 2

10 mm<sup>2</sup>

27.6 x 80 x 75

10 / 16

0.33...16



IEC 60947-7-3

| IEC | UL | CSA        |
|-----|----|------------|
| 500 |    | 600        |
| 10  |    | 25         |
| 10  |    | AWG 22...8 |
|     |    | 6 / 3      |
|     |    | B6 / 5VA   |

## Rated connection

|                     |
|---------------------|
| 0.5...16 / 0.5...10 |
| 0.5...10 / 0.5...10 |
| 1.2...2.4 Nm (M 4)  |
| 12 / 1.0 x 5.5 mm   |

Connections for stranded conductors from 10 mm<sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm.

| Type   | Qty. | Order No.  |
|--------|------|------------|
| SAKS 2 | 20   | 0206820000 |

## Type

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| QL 2 SAKS2      | 36 A    | 20   | 0207800000 |
| QL 3 SAKS2      | 36 A    | 20   | 0207900000 |
| QL 4 SAKS2      | 36 A    | 20   | 0208000000 |
| QL 10 SAKS2     | 36 A    | 20   | 0338900000 |
| BFSC M4X9T      |         | 100  | 0103300000 |
| SS M4 D 128-A 4 |         | 100  | 0136400000 |

## Width

|              |    |            |
|--------------|----|------------|
| SK E16/SAKS2 | 25 | 0284110000 |
|--------------|----|------------|

|                  |     |            |
|------------------|-----|------------|
| P 16/10 RT SAKS2 | 100 | 0208900000 |
| P 16/16 GR SAKS2 | 100 | 0209000000 |
| P 16/20 BL SAKS2 | 100 | 0209100000 |

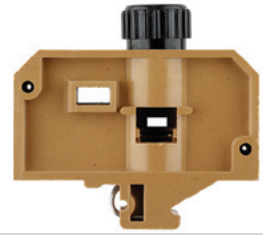
|                  |    |            |
|------------------|----|------------|
| E 16/10A RT TNDZ | 25 | 0208500000 |
| E 16/16A GR TNDZ | 25 | 0208600000 |
| E 16/20A BL TNDZ | 25 | 0208700000 |
| E 16/25A GE TNDZ | 25 | 0208800000 |

DEK 5/5 / SCHAT 7

## SAKS 4

10 mm<sup>2</sup>

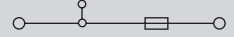
## D 01-fuses



24 x 75 x 66

16 / 16

0.33...16



IEC 60947-7-3

| IEC | UL | CSA        |
|-----|----|------------|
| 400 |    | 600        |
| 16  |    | 30         |
| 10  |    | AWG 22...8 |
|     |    | 6 / 3      |
|     |    | B6 / 5VA   |

## Rated connection

|                     |
|---------------------|
| 0.5...16 / 1.5...10 |
| 0.5...10 / 0.5...10 |
| 1.2...2.4 Nm (M 4)  |
| 14 / 1.0 x 5.5 mm   |

Connections for stranded conductors from 10 mm<sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm.

| Type   | Qty. | Order No.  |
|--------|------|------------|
| SAKS 4 | 20   | 0321320000 |

## Type

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| QL 2 SAKS4      | 36 A    | 20   | 0328000000 |
| QL 3 SAKS4      | 36 A    | 20   | 0328100000 |
| QL 4 SAKS4      | 36 A    | 20   | 0328200000 |
| QL 10 SAKS4     | 36 A    | 20   | 0339000000 |
| BFSC M4X9T      |         | 100  | 0103300000 |
| SS M4 D 128-A 4 |         | 100  | 0136400000 |

## Width

|              |    |            |
|--------------|----|------------|
| SK E14 SAKS4 | 20 | 0339410000 |
|--------------|----|------------|

|                      |    |            |
|----------------------|----|------------|
| P 14/2 D01 RS SAKS4  | 50 | 0138000000 |
| P 14/4 D01 BR SAKS4  | 50 | 0138100000 |
| P 14/10 D01 RT SAKS4 | 50 | 0328700000 |
| P 14/6 D01 GN SAKS4  | 50 | 0328600000 |

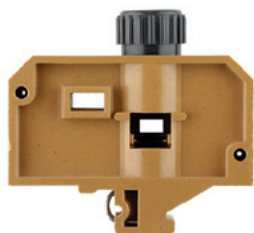
|             |    |            |
|-------------|----|------------|
| E 14/2A RS  | 10 | 0137400000 |
| E 14/4A BR  | 10 | 0137500000 |
| E 14/6A GN  | 10 | 0328300000 |
| E 14/10A RT | 10 | 0328400000 |
| E 14/16A GR | 10 | 0328500000 |

DEK 5/5

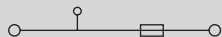
**SAKS 4 USA**

10 mm<sup>2</sup>

1 1/4" x 1/4"



24 x 75 x 73  
**30 / 16**  
**0.5...16**



| IEC      | UL         | CSA        |
|----------|------------|------------|
| 400      | 600        | 600        |
| 16       | 30         | 30         |
| 10       | AWG 20...8 | AWG 22...8 |
| 6 / 3    |            |            |
| B6 / 5VA |            |            |

| Rated connection    |  |
|---------------------|--|
| 0.5...16 / 1.5...10 |  |
| 0.5...10 / 0.5...10 |  |
| 1.2...2.4 Nm (M 4)  |  |
| 14 / 1.0 x 5.5 mm   |  |

Connections for stranded conductors from 10 mm<sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm.

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAKS 4 USA | 20   | <b>0162220000</b> |

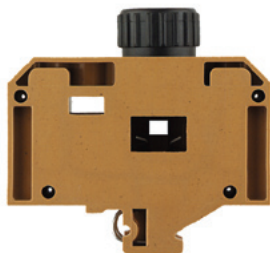
| Type             | current | Qty. | Order No.         |
|------------------|---------|------|-------------------|
| QL 2 SAKS4       | 36 A    | 20   | <b>0328000000</b> |
| QL 3 SAKS4       | 36 A    | 20   | <b>0328100000</b> |
| QL 4 SAKS4       | 36 A    | 20   | <b>0328200000</b> |
| QL 10 SAKS4      | 36 A    | 20   | <b>0339000000</b> |
| BFSC M4X9T       |         | 100  | <b>0103300000</b> |
| SS M4 D 128-A 4  |         | 100  | <b>0136400000</b> |
| <b>Width</b>     |         |      |                   |
| SK E14 SAKS4 USA |         | 1    | <b>2012790000</b> |

DEK 5/5

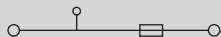
**SAKS 5**

16 mm<sup>2</sup>

D 02 - fuse



28 x 80 x 66  
**63 / 16**  
**1.5...16**



IEC 60947-7-3

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 400      | 600        | 600        |
| 63       | 40         | 63         |
| 16       | AWG 14...6 | AWG 14...6 |
| 6 / 3    |            |            |
| B7 / 5VA |            |            |

| Rated connection    |  |
|---------------------|--|
| 1.5...16 / 1.5...16 |  |
| 1.5...16 / 1.5...16 |  |
| 1.2...2.4 Nm (M 4)  |  |
| 13 / 1.0 x 5.5 mm   |  |

Connections for stranded conductors from 10 mm<sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm.

| Type         | Qty. | Order No.         |
|--------------|------|-------------------|
| SAKS 5 380AC | 20   | <b>0359420000</b> |

| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAKS2           | 36 A    | 20   | <b>0207800000</b> |
| QL 3 SAKS2           | 36 A    | 20   | <b>0207900000</b> |
| QL 4 SAKS2           | 36 A    | 20   | <b>0208000000</b> |
| QL 10 SAKS2          | 36 A    | 20   | <b>0338900000</b> |
| BFSC M4X9T           |         | 100  | <b>0103300000</b> |
| SS M4 D 128-A 4      |         | 100  | <b>0136400000</b> |
| <b>Width</b>         |         |      |                   |
| SK E18 SAKS5         |         | 20   | <b>0359310000</b> |
| P 18/20 D02 BL SAKS5 |         | 50   | <b>0361800000</b> |
| P 18/25 D02 GE SAKS5 |         | 50   | <b>0361900000</b> |
| P 18/35 D02 SW SAKS5 |         | 50   | <b>0362000000</b> |
| P 18/50 D02 WS SAKS5 |         | 50   | <b>0362100000</b> |
| E 18/20A BL          |         | 10   | <b>0361300000</b> |
| E 18/25A GE          |         | 10   | <b>0361400000</b> |
| E 18/50A WS          |         | 10   | <b>0361600000</b> |
| E 18/63A KU          |         | 10   | <b>0361700000</b> |

DEK 5/5

Partition wall TW HP (2.0) order no. 0607000000 only for TS 32

Fuse inserts

Technical data

for terminal type

SAKS 1  
SAKS 7  
ASK 1  
WSI 6



**G fuse inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820 T.2 Bl<sup>1)</sup>**

| Size (mm)  | Rated voltage (V) | Rated current (A) | Type             |
|--|-------------------|-------------------|------------------|
| 5 x 20<br>Breaking capacity 1500 A<br>(at 250 V, 50 Hz, cos φ 0.7) | 250               | 0.1               | (F) G 20/0.10A/F |
|  |                   | 0.2               | (F) G 20/0.20A/F |
|  |                   | 0.25              | (F) G 20/0.25A/F |
|  |                   | 0.5               | (F) G 20/0.50A/F |
|  |                   | 0.63              | (F) G 20/0.63A/F |
|  |                   | 1.0               | (F) G 20/1.00A/F |
|  |                   | 1.6               | (F) G 20/1.60A/F |
|  |                   | 2.0               | (F) G 20/2.00A/F |
|  |                   | 2.5               | (F) G 20/2.50A/F |
|  |                   | 3.15              | (F) G 20/3.15A/F |
|  |                   | 4.0               | (F) G 20/4.00A/F |
|  |                   | 5.0               | (F) G 20/5.00A/F |
|  |                   | 6.3               | (F) G 20/6.30A/F |

(M) = medium-delayed action (F) = fast

Order data

| Qty. | Order No.  |
|------|------------|
| 10   | 0430300000 |
| 10   | 0430400000 |
| 10   | 0430500000 |
| 10   | 0430600000 |
| 10   | 0439000000 |
| 10   | 0430700000 |
| 10   | 0430800000 |
| 10   | 0430900000 |
| 10   | 0431000000 |
| 10   | 0431100000 |
| 10   | 0431200000 |
| 10   | 0431300000 |
| 10   | 0431400000 |

SAKS 1  
SAKS 7  
WSI 6



**G fuse inserts 5 x 25 with indicator acc. to DIN 41576<sup>1)</sup>**

| Size (mm)  | Rated voltage (V) | Rated current (A) | Type                           |
|--|-------------------|-------------------|--------------------------------|
| 5 x 25 m. K. <sup>1)</sup><br>Breaking capacity 80 A<br>(at 250 V, 50 Hz, cos φ = 1) | 250               | 0.25              | (M) G 25/0.25A/M               |
|  |                   | 0.5               | (M) G 25/0.50A/M               |
|  |                   | 0.8               | (M) G 25/0.80A/M               |
|  |                   | 1                 | (M) G 25/1.00A/M               |
|  |                   | 10                | (M) <sup>2)</sup> G 25/10.0A/M |
|  |                   | 2                 | (F) G 25/2.00A/F               |
|  |                   | 4                 | (F) G 25/4.00A/F               |
|  |                   | 6.3               | (F) G 25/6.30A/F               |

M) = medium-delayed action (F) = fast

SAKS 3<sup>2)</sup>  
SAKS 6



**Fuse inserts 1 1/4" x 1/4" without indicator acc. to BS 88**

| Rated current (A)                  | Rated voltage (V) | Type             |
|------------------------------------|-------------------|------------------|
| 33 kA Breaking capacity 33 kA fast | 440               | 0.5 GZ 0.5A/F    |
| E 0.5 A                            |                   | 1 GZ 1.0A/F      |
| E 1 A                              |                   | 2 GZ 2.0A        |
| E 2 A                              |                   | 3 GZ 3.0A        |
| E 3 A                              |                   | 5 GZ 5.0A        |
| E 5 A                              |                   | 7 GZ 7.0A        |
| E 7 A                              |                   | 10 GZ 10.0A      |
| E 10 A                             |                   | 12.5 GZ 12.5A/FF |

(F) = fast (M) = medium-delayed action

SAKS 2



**D fuse inserts E 16 with indicator acc. to DIN 49360 (diazed)**

| Rated current (A) | Rated voltage (V) | Type           |
|-------------------|-------------------|----------------|
| E 10 A            | 500               | 10 E 16/10A RT |
| E 16 A            |                   | 16 E 16/16A GR |
| E 20 A            |                   | 20 E 16/20A BL |
| E 25 A            |                   | 25 E 16/25A GE |

(F) = fast (M) = medium-delayed action

SAKS 4<sup>3)</sup>



**D fuse inserts E 14 Size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (neozed)<sup>3)</sup>**

| Rated current (A) | Rated voltage (V) | Type           |               |
|-------------------|-------------------|----------------|---------------|
| E 14/2            | 400               | 2 E 14/2A RS   |               |
| E 14/4            |                   | 4 E 14/4A BR   |               |
| E 14/6            |                   | 6 E 14/6A GN   |               |
| E 14/10           |                   | 10 E 14/10A RT |               |
| E 14/16           | 16 E 14/16A GR    | 10 0328500000  |               |
| E 18/20           | 400               | 20 E 18/20A BL | 10 0361300000 |
| E 18/25           |                   | 25 E 18/25A GE | 10 0361400000 |
| E 18/35           |                   | 35 E 18/35A SW | 10 0361500000 |
| E 18/50           |                   | 50 E 18/50A WS | 10 0361600000 |
| E 18/63           |                   | 63 E 18/63A KU | 10 0361700000 |

(F) = fast (M) = medium-delayed action

SAKS 5



**Note:** <sup>1)</sup> The SIBA company also supplies 5 x 25 G fuse inserts with indicators in a shipbuilding model for 450 V AC.

<sup>2)</sup> 5 x 30 (500 V AC) fuse inserts for SAKS 3 are available from the WICKMANN company

<sup>3)</sup> The LINDNER company also supplies neozed fuse cartridges in an additional shipbuilding mode for 440 V AC.

<sup>4)</sup> Fuse cartridges with the dimensions 1"x1/4" ≅ 25.4x6.35 mm and 13/32"x1/2" ≅ 10.3x38.1 mm are not included in product line.

<sup>5)</sup> Only for SAKS 1 and SAKS 7.

**Gauge rings**

**Technical data**

for terminal type

SAKS 4 and 4/35



SAKS 5 and 5/35



SAKS 2 and 2/35



| Gauge ring type | Amp. | Colour | Type          | Qty. | Order No.  |
|-----------------|------|--------|---------------|------|------------|
| P 14/2          | 2    | pink   | P 14/2D01 RS  | 50   | 0138000000 |
| P 14/4          | 4    | brown  | P 14/4D01 BR  | 50   | 0138100000 |
| P 14/6          | 6    | green  | P 14/6D01 GN  | 50   | 0328600000 |
| P 14/1          | 10   | red    | P 14/10D01 RT | 50   | 0328700000 |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
| P 18/20         | 20   | blue   | P 18/20D02 BL | 50   | 0361800000 |
| P 18/25         | 25   | yellow | P 18/25D02 GE | 50   | 0361900000 |
| P 18/35         | 35   | black  | P 18/35D02 SW | 50   | 0362000000 |
| P 18/50         | 50   | white  | P 18/50D02 WS | 50   | 0362100000 |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
| P 16/10         | 10   | red    | P 16/10 RT    | 100  | 0208900000 |
| P 16/16         | 16   | grey   | P 16/16 GR    | 100  | 0209000000 |
| P 16/20         | 20   | blue   | P 16/20 BL    | 100  | 0209100000 |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |
|                 |      |        |               |      |            |

## Terminals with spring-loaded cable clamps

## TS 32

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

## Note

## Accessories

## Screwable cross-connection



|                   |  |
|-------------------|--|
| 2-pole            |  |
| 3-pole            |  |
| 4-pole            |  |
| 10-pole           |  |
| Connecting sleeve |  |
| Mounting screw    |  |
| Lock washer       |  |

## Switchable link

|                   |  |
|-------------------|--|
| Switchable link   |  |
| Connecting sleeve |  |
| Mounting screw    |  |

## Testing / Checking

|           |  |
|-----------|--|
| Test plug |  |
| Socket    |  |

## End plate / Partition plate

|       |  |
|-------|--|
| beige |  |
| beige |  |

## Small partition

|                 |  |
|-----------------|--|
| Small partition |  |
|-----------------|--|

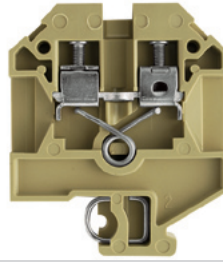
**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

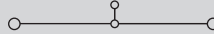
## RSF 3

4 mm<sup>2</sup>

Material PA 6.6



8 x 50 x 60  
**32 / 4**  
**0.33...4**



IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 630 | 600         | 600         |
| 32  | 20          | 25          |
| 4   | AWG 22...12 | AWG 22...12 |
|     | 6 / 3       |             |
|     | / V2        |             |



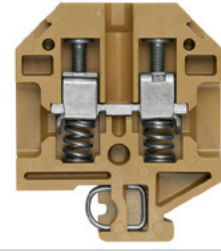
## Rated connection

|                    |
|--------------------|
| 0.5...4 / 0.75...4 |
| 0.5...4 / 0.5...4  |
| 0.5...1.0 Nm (M 3) |
| 12 / 0.6 x 3.5 mm  |

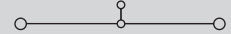
## RSF 1

10 mm<sup>2</sup>

Material KrG



11 x 50 x 60  
**57 / 10**  
**0.5...10**



IEC 60947-7-1

| IEC | UL       | CSA        |
|-----|----------|------------|
| 500 |          | 300        |
| 57  |          | 50         |
| 10  |          | AWG 14...8 |
|     | 6 / 3    |            |
|     | A5 / 5VA |            |



## Rated connection

|                     |
|---------------------|
| 0.5...10 / 0.5...10 |
| 1.5...4 / 0.5...6   |
| 1.2...1.6 Nm (M 4)  |
| 15 / 1.0 x 5.5 mm   |

When used with an AWG 8/7 conductor, the tightening torque is 1.6 Nm.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| RSF 1 KRKG | 50   | 0270320000 |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| RSF 3 PA | 50   | 0497560000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK6N           | 32 A    | 50   | 0194300000 |
| QL 3 SAK6N           | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N           | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N          | 32 A    | 20   | 0338300000 |
| VH 13.5/4.9/3.3 SAK4 |         | 100  | 0248500000 |
| KISC M3X20.5/10 EK4  |         | 100  | 0303000000 |
| SS M3 D 128-A 3      |         | 50   | 0164400000 |

|                      |      |    |            |
|----------------------|------|----|------------|
| VL 2 SAK6N/SAKT      | 32 A | 50 | 0194700000 |
| VH 21/5/3.5 SAK16-35 |      | 50 | 0309600000 |
| BFSC M3X30           |      | 50 | 0296200000 |

|                         | Width  |    |            |
|-------------------------|--------|----|------------|
| PS 2.3 RT               | 5.4 mm | 20 | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |        | 50 | 0168600000 |

|                       |        |    |            |
|-----------------------|--------|----|------------|
| AP RSF3               | 3 mm   | 10 | 0270460000 |
| TW AST1/PA HP/DBR/0.5 | 0.5 mm | 20 | 0474700000 |

|        |      |     |            |
|--------|------|-----|------------|
| TSCH 1 | 2 mm | 100 | 0319160000 |
|--------|------|-----|------------|

| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| QL 2 RSF1+2  | 57 A    | 50   | 0267400000 |
| QL 3 RSF1+2  | 57 A    | 50   | 0267500000 |
| QL 4 RSF1+2  | 41 A    | 50   | 0267600000 |
| QL 10 RSF1+2 | 41 A    | 20   | 0341700000 |

|                 |  |    |            |
|-----------------|--|----|------------|
| SS M3 D 128-A 3 |  | 50 | 0164400000 |
|-----------------|--|----|------------|

|                      |      |    |            |
|----------------------|------|----|------------|
| VL 2 RSF 1+2         | 32 A | 50 | 0528400000 |
| VH 27/5/3.5 SAK10-35 |      | 50 | 0309400000 |
| BFSC M3X35           |      | 50 | 0309800000 |

|                      | Width  |    |            |
|----------------------|--------|----|------------|
| PS 4 F.STB 4         | 7.6 mm | 20 | 0299600000 |
| STB 14/D6/4/M3 SAK10 |        | 50 | 0169900000 |

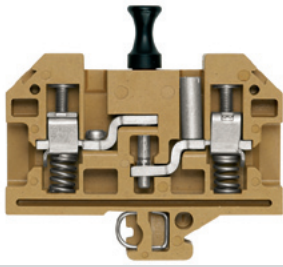
|                       |        |    |            |
|-----------------------|--------|----|------------|
| TW AST1/PA HP/DBR/0.5 | 0.5 mm | 20 | 0474700000 |
|-----------------------|--------|----|------------|

|         |  |  |  |
|---------|--|--|--|
| DEK 5/5 |  |  |  |
|---------|--|--|--|

**RSF 2**

**6 mm<sup>2</sup>**

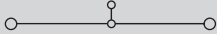
Material KrG



11 x 77 x 73

**41 / 16**

**0.75...16**



IEC 60947-7-1

| IEC | UL    | CSA        |
|-----|-------|------------|
| 500 |       | 300        |
| 41  |       | 30         |
| 6   |       | AWG 14...8 |
|     | 6 / 3 |            |
|     | / 5VA |            |



**Rated connection**

0.75...16 / 0.5...10

1.5...10 / 0.5...4

1.2...2,4 Nm (M 4)

12 / 1.0 x 5.5 mm

| Type  | Qty. | Order No.         |
|-------|------|-------------------|
| RSF 2 | 20   | <b>0623320000</b> |

| Type                  | current | Qty. | Order No.         |
|-----------------------|---------|------|-------------------|
| QL 2 RSF1+2           | 32 A    | 50   | <b>0267400000</b> |
| QL 3 RSF1+2           | 32 A    | 50   | <b>0267500000</b> |
| QL 4 RSF1+2           | 32 A    | 50   | <b>0267600000</b> |
| QL 10 RSF1+2          | 32 A    | 20   | <b>0341700000</b> |
|                       |         |      |                   |
|                       |         |      |                   |
|                       |         |      |                   |
|                       |         |      |                   |
|                       |         |      |                   |
|                       |         |      |                   |
| Width                 |         |      |                   |
| PS 4 F.STB 4          | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 17/D6/4/M4 SAKC10 |         | 50   | <b>0147100000</b> |
|                       |         |      |                   |
|                       |         |      |                   |
|                       |         |      |                   |

DEK 5/5

## Test-disconnect terminals

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|  |                 |
|--|-----------------|
| <b>Rated data</b>                              |                 |
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| <b>Clamped conductors (H05V/H07V)</b>          |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |

## Note

## Ordering data

|                |  |
|----------------|--|
| <b>Version</b> |  |
|                | Without socket                           |
|                | With open rear wall for cross-connection |
|                | With 2 sockets                           |
|                | With 4 sockets                           |
| <b>Note</b>    |  |

## Accessories

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Screwable cross-connection</b> |                   |
|                                   | 2-pole            |
|                                   | 3-pole            |
|                                   | 4-pole            |
|                                   | 10-pole           |
|                                   | Connecting sleeve |
|                                   | Mounting screw    |

|                                    |               |
|------------------------------------|---------------|
| <b>End plate / Partition plate</b> |               |
|                                    | Medium yellow |
|                                    | beige         |
|                                    | Medium yellow |

|                        |                 |
|------------------------|-----------------|
| <b>Small partition</b> |                 |
|                        | Small partition |

|                                |                           |
|--------------------------------|---------------------------|
| <b>Cross-connection slider</b> |                           |
|                                | 2-pole                    |
|                                | 3-pole                    |
|                                | 4-pole                    |
|                                | Connecting sleeve for QVS |
|                                | Mounting screw for QVS    |

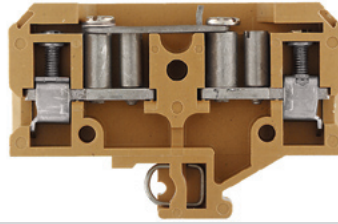
|                           |           |
|---------------------------|-----------|
| <b>Testing / Checking</b> |           |
|                           | Test plug |
|                           | Socket    |

|                                  |                            |
|----------------------------------|----------------------------|
| <b>Miscellaneous accessories</b> |                            |
|                                  | Lockout device             |
|                                  | Short-circuit plug, 2-pole |

|  |              |
|--|--------------|
| <b>Marking systems</b> (see assortment in catalogue 7) |              |
|  | Marking tags |

For detailed information on other accessories and applications, refer to the „Accessories“ section

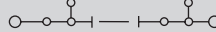
## SAKA 10

10 mm<sup>2</sup>

12 x 82 x 55.5

47 / 10

0.5...10



IEC 60947-7-1

| IEC | UL | CSA        |
|-----|----|------------|
| 500 |    | 600        |
| 47  |    | 35         |
| 10  |    | AWG 18...8 |
|     |    | 6 / 3      |
|     |    | B6 / 5VA   |



## Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...10

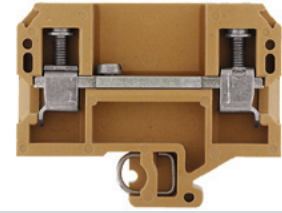
1.2...2.4 Nm (M 4)

12 / 1.0 x 5.5 mm

10 mm<sup>2</sup> stranded can be connected with 2 Nm tightening torque.

| Type    | Qty. | Order No.  |
|---------|------|------------|
| SAKA 10 | 25   | 0134120000 |
|         |      |            |
|         |      |            |
|         |      |            |

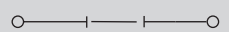
## SAKB 10

10 mm<sup>2</sup>

10 x 65 x 52.5

57 / 10

0.5...10



IEC 60947-7-1

| IEC | UL | CSA        |
|-----|----|------------|
| 500 |    | 600        |
| 57  |    | 45         |
| 10  |    | AWG 18...8 |
|     |    | 6 / 3      |
|     |    | B6 / 5VA   |



## Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...10

1.2...2.4 Nm (M 4)

12 / 1.0 x 5.5 mm

10 mm<sup>2</sup> stranded can be connected with 2 Nm tightening torque.

| Type    | Qty. | Order No.  |
|---------|------|------------|
| SAKB 10 | 50   | 0134920000 |
|         |      |            |
|         |      |            |
|         |      |            |

| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| QL 2 SAKB10  | 47 A    | 100  | 0114100000 |
| QL 3 SAKB10  | 47 A    | 50   | 0114300000 |
| QL 4 SAKB10  | 47 A    | 50   | 0114500000 |
| QL 10 SAKB10 | 47 A    | 20   | 0338400000 |

|            |     |            |
|------------|-----|------------|
| BFSC M4X30 | 50  | 0267100000 |
| BFSC M4X9T | 100 | 0103300000 |

| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
| AP SAKA KRG         | 3 mm  | 20   | 0134220000 |
| TW SAK2.5-35/32 KRG | 3 mm  | 10   | 0257120000 |

|                 |      |    |            |
|-----------------|------|----|------------|
| AP SAKB C/T KRG | 3 mm | 20 | 0146720000 |
| TW SAKB-C-T     | 3 mm | 20 | 0242920000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| PS 4 F.STB 4            | 7.6 mm  | 20   | 0299600000 |
| STB 13.5/D6/4/M4 SAKA10 |         | 50   | 0135200000 |

|                      |        |    |            |
|----------------------|--------|----|------------|
| PS 4 F.STB 4         | 7.6 mm | 20 | 0299600000 |
| STB 16/D7/4/M4 SAK35 |        | 50 | 0140200000 |

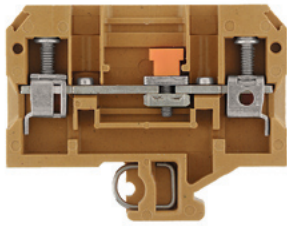
|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

|  |         |
|--|---------|
| <b>Marking systems</b> (see assortment in catalogue 7) |         |
|  | DEK 5/5 |

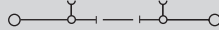
For detailed information on other accessories and applications, refer to the „Accessories“ section

**SAKT 1/LT**

**6 mm<sup>2</sup>**



8 x 65 x 52.5  
**57 / 10**  
**0.13...10**



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 400      | 300        | 300        |
| 41       | 25         | 25         |
| 6        | AWG 22...8 | AWG 26...8 |
| 6 / 3    |            |            |
| A5 / 5VA |            |            |



**Rated connection**

0.5...10 / 1.5...10  
 0.5...6 / 0.5...6  
 0.8...1.6 Nm (M 3.5)  
 12 / 4.0 x 0.8 mm

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

| Type              | Qty. | Order No.         |
|-------------------|------|-------------------|
| SAKT 1/LT         | 50   | <b>0269120000</b> |
| SAKT 1/LT STB14/4 | 50   | <b>0437920000</b> |

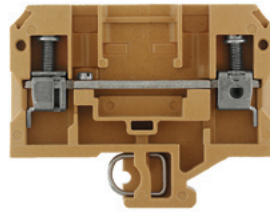
| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAK6N           | 57 A    | 50   | <b>0194300000</b> |
| QL 3 SAK6N           | 57 A    | 50   | <b>0194400000</b> |
| QL 4 SAK6N           | 57 A    | 50   | <b>0194500000</b> |
| QL 10 SAK6N          | 57 A    | 20   | <b>0338300000</b> |
| VH 12/4.9/3.3 SAK6N  |         | 100  | <b>0249000000</b> |
| KISC M3X20 SAK10 CU5 |         | 100  | <b>0377100000</b> |
| <b>Width</b>         |         |      |                   |
| AP SAKB/C/T KRG      | 3 mm    | 20   | <b>0146720000</b> |
| TW SAKB/C/T1         | 1.5 mm  | 20   | <b>0242960000</b> |
| <b>current</b>       |         |      |                   |
| TSCH 2               | 0.6 mm  | 100  | <b>0353660000</b> |
| <b>current</b>       |         |      |                   |
| QVS 2 SAKT1+2        |         | 20   | <b>0307300000</b> |
| QVS 3 SAKT1+2        |         | 20   | <b>0329300000</b> |
| QVS 4 SAKT1+2        |         | 20   | <b>0307400000</b> |
| VH 19/6/4.2 SAKT1    |         | 50   | <b>0318000000</b> |
| BS 25 O.IH SAKT1     |         | 50   | <b>0334700000</b> |
| <b>Width</b>         |         |      |                   |
| PS 4 F.STB 4         | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |         | 50   | <b>0169900000</b> |
| SSP 3 SAKT1          |         | 100  | <b>0531760000</b> |
| QS 2/8/4             |         | 20   | <b>0270960000</b> |

DEK 5/6,5

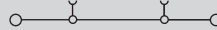
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

**SAKT 1/DU1**

**6 mm<sup>2</sup>**



8 x 65 x 52.5  
**57 / 10**  
**0.13...10**



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 400      | 300        | 300        |
| 41       | 25         | 25         |
| 6        | AWG 22...8 | AWG 26...8 |
| 6 / 3    |            |            |
| A5 / 5VA |            |            |



**Rated connection**

0.5...10 / 1.5...10  
 0.5...6 / 0.5...6  
 0.8...1.6 Nm (M 3.5)  
 12 / 4.0 x 0.8 mm

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAKT 1/DU2 | 50   | <b>0550420000</b> |
| SAKT 1/DU1 | 50   | <b>0195620000</b> |

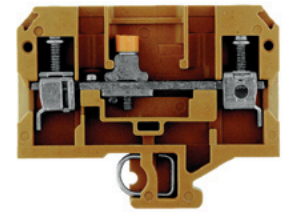
| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAK6N           | 57 A    | 50   | <b>0194300000</b> |
| QL 3 SAK6N           | 57 A    | 50   | <b>0194400000</b> |
| QL 4 SAK6N           | 57 A    | 50   | <b>0194500000</b> |
| QL 10 SAK6N          | 57 A    | 20   | <b>0338300000</b> |
| VH 12/4.9/3.3 SAK6N  |         | 100  | <b>0249000000</b> |
| KISC M3X20 SAK10 CU5 |         | 100  | <b>0377100000</b> |
| <b>Width</b>         |         |      |                   |
| AP SAKB/C/T KRG      | 3 mm    | 20   | <b>0146720000</b> |
| TW SAKB/C/T1         | 1.5 mm  | 20   | <b>0242960000</b> |
| <b>current</b>       |         |      |                   |
| TSCH 2               | 0.6 mm  | 100  | <b>0353660000</b> |
| <b>current</b>       |         |      |                   |
| QVS 2 SAKT1+2        |         | 20   | <b>0307300000</b> |
| QVS 3 SAKT1+2        |         | 20   | <b>0329300000</b> |
| QVS 4 SAKT1+2        |         | 20   | <b>0307400000</b> |
| VH 19/6/4.2 SAKT1    |         | 50   | <b>0318000000</b> |
| BS 25 O.IH SAKT1     |         | 50   | <b>0334700000</b> |
| <b>Width</b>         |         |      |                   |
| PS 4 F.STB 4         | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |         | 50   | <b>0169900000</b> |
| SSP 3 SAKT1          |         | 100  | <b>0531760000</b> |
| QS 2/8/4             |         | 20   | <b>0270960000</b> |

DEK 5/6,5

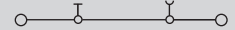
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

**SAKT 1/QT**

**6 mm<sup>2</sup>**



8 x 65 x 52.5  
**57 / 10**  
**0.13...10**



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 400      | 300        | 300        |
| 41       | 25         | 25         |
| 6        | AWG 22...8 | AWG 26...8 |
| 6 / 3    |            |            |
| A5 / 5VA |            |            |



**Rated connection**

0.5...10 / 1.5...10  
 0.5...6 / 0.5...6  
 0.8...1.6 Nm (M 3.5)  
 12 / 4.0 x 0.8 mm

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAKT 1/QT2 | 50   | <b>0494820000</b> |
| SAKT 1/QT1 | 50   | <b>0269320000</b> |

| Type                 | current | Qty. | Order No.         |
|----------------------|---------|------|-------------------|
| QL 2 SAK6N           | 32 A    | 50   | <b>0194300000</b> |
| QL 3 SAK6N           | 57 A    | 50   | <b>0194400000</b> |
| QL 4 SAK6N           | 57 A    | 50   | <b>0194500000</b> |
| QL 10 SAK6N          | 32 A    | 20   | <b>0338300000</b> |
| VH 12/4.9/3.3 SAK6N  |         | 100  | <b>0249000000</b> |
| KISC M3X20 SAK10 CU5 |         | 100  | <b>0377100000</b> |
| <b>Width</b>         |         |      |                   |
| AP SAKB/C/T KRG      | 3 mm    | 20   | <b>0146720000</b> |
| TW SAKB/C/T1         | 1.5 mm  | 20   | <b>0242960000</b> |
| <b>current</b>       |         |      |                   |
| TSCH 2               | 0.6 mm  | 100  | <b>0353660000</b> |
| <b>current</b>       |         |      |                   |
| QVS 2 SAKT1+2        | 41 A    | 20   | <b>0307300000</b> |
| QVS 3 SAKT1+2        | 41 A    | 20   | <b>0329300000</b> |
| QVS 4 SAKT1+2        | 41 A    | 20   | <b>0307400000</b> |
| VH 19/6/4.2 SAKT1    |         | 50   | <b>0318000000</b> |
| BS 25 O.IH SAKT1     |         | 50   | <b>0334700000</b> |
| <b>Width</b>         |         |      |                   |
| PS 4 F.STB 4         | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D6/4/M3 SAK10 |         | 50   | <b>0169900000</b> |
| SSP 3 SAKT1          |         | 100  | <b>0531760000</b> |
| QS 2/8/4             |         | 20   | <b>0270960000</b> |

DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

## Test-disconnect terminals

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| <b>Clamped conductors (H05V/H07V)</b>          |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque (clamping screw)             | mm/-            |
| Stripping length / Blade size                  | mm/-            |
| <b>Note</b>                                    |                 |

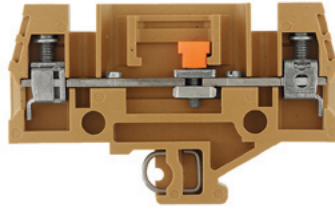
## Ordering data

| Version                                  |  |
|--|--|
| Without socket                           |  |
| With open rear wall for cross-connection |  |
| With 2 sockets                           |  |
| With 4 sockets                           |  |
| <b>Note</b>                              |  |

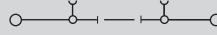
## Accessories

| Screwable cross-connection   |                                 |
|--|---------------------------------|
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
|  | Connecting sleeve               |
|  | Mounting screw                  |
| End plate / Partition plate  |                                 |
|  | Medium yellow                   |
|  | beige                           |
|  | Medium yellow                   |
| Small partition  |                                 |
|  | Small partition                 |
| Cross-connection slider  |                                 |
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | Connecting sleeve for QVS       |
|  | Mounting screw for QVS          |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| Miscellaneous accessories  |                                 |
|  | Lockout device                  |
|  | Short-circuit plug, 2-pole      |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## SAKT 2/LT

6 mm<sup>2</sup>

8 x 82 x 52.5  
**46 / 10**  
**0.5...10**



IEC 60947-7-1

| IEC      | UL         | CSA |
|----------|------------|-----|
| 125      | 300        |     |
| 41       | 25         |     |
| 6        | AWG 22...8 |     |
| 6 / 3    |            |     |
| A5 / 5VA |            |     |



## Rated connection

|                      |
|----------------------|
| 0.5...10 / 1.5...10  |
| 0.5...6 / 0.5...6    |
| 1.2...1.6 Nm (M 3.5) |
| 12 / 4.0 x 0.8 mm    |

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

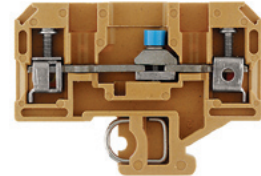
| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| SAKT 2/LT O.STB | 50   | 0445420000 |
| SAKT 2/LT STB   | 50   | 0330620000 |
| SAKT 2/LT 4STB  | 50   | 0437720000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK6N           | 32 A    | 50   | 0194300000 |
| QL 3 SAK6N           | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N           | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N          | 32 A    | 20   | 0338300000 |
| VH 12/4.9/3.3 SAK6N  |         | 100  | 0249000000 |
| KISC M3X20 SAK10 CU5 |         | 100  | 0377100000 |
| Width                |         |      |            |
| AP SAKB/C/T KRG      | 3 mm    | 20   | 0146720000 |
| TW SAKB/C/T1         | 1.5 mm  | 20   | 0242960000 |
| TSCH 2               |         |      |            |
|                      | 0.6 mm  | 100  | 0353660000 |
| current              |         |      |            |
| QVS 2 SAKT1+2        | 41 A    | 20   | 0307300000 |
| QVS 3 SAKT1+2        | 41 A    | 20   | 0329300000 |
| QVS 4 SAKT1+2        | 41 A    | 20   | 0307400000 |
| VH 19/6/4.2 SAKT1    |         | 50   | 0318000000 |
| BS 25 O.IH SAKT1     |         | 50   | 0334700000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
| SSP 3 SAKT1          |         |      |            |
|                      |         | 100  | 0531760000 |
| QS 2/8/4             |         |      |            |
|                      |         | 20   | 0270960000 |

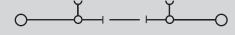
DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

## SAKT 4/LT

4 mm<sup>2</sup>

8 x 57.2 x 42.5  
**41 / 6**  
**0.13...6**



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300         | 300         |
| 32       | 20          | 20          |
| 4        | AWG 22...12 | AWG 26...10 |
| 6 / 3    |             |             |
| A3 / 5VA |             |             |



## Rated connection

|                      |
|----------------------|
| 0.5...6 / 1.5...4    |
| 0.5...4 / 0.5...4    |
| 0.4...0.7 Nm (M 2.5) |
| 10 / 0.6 x 3.5 mm    |

Two conductors with the same cross-section can be accommodated. 1.5 mm<sup>2</sup> solid and 0.5...1.5 mm<sup>2</sup> flexible

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAKT 4/LT O.STB  | 50   | 0254120000 |
| SAKT 4/LT STB2.0 | 50   | 0310320000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAK2.5             | 41 A    | 100  | 0155900000 |
| QL 3 SAK2.5             | 41 A    | 100  | 0156000000 |
| QL 4 SAK2.5             | 41 A    | 50   | 0156100000 |
| QL 10 SAK2.5            | 41 A    | 20   | 0338100000 |
| VH 8/4.9/3.3 SAK2.5     |         | 100  | 0266700000 |
| KISC M3X15/6 SAK2.5 CU5 |         | 100  | 0377200000 |
| Width                   |         |      |            |
| TW AST1/PA HP/DBR/0.5   | 0.5 mm  | 20   | 0474700000 |
| current                 |         |      |            |
| QVS 2/4 SAKT4           | 32 A    | 20   | 1319260000 |
| Width                   |         |      |            |
| VH 16/5/3.5 SAK10-35    |         | 50   | 0309700000 |
| BFSC M3X22 SAKT4        |         | 50   | 1319900000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/5/2.3/M3 SAK2.5 |         | 50   | 0280600000 |
| SSP 4 SAKT4             |         |      |            |
|                         |         | 20   | 1319360000 |

DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!



## Terminals for temperature measuring circuits

## TS 32 / PA

Busbars from thermocouple materials, according to DIN IEC 584.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

| Version |                    |
|---------|--------------------|
|         | NiCr               |
|         | Ni                 |
|         | CuNi               |
|         | Fe                 |
|         | Cu                 |
|         | (NiCr - Ni) type K |
|         | (Cu - CuNi) type T |
|         | (Fe-CuNi) type J   |
| Note    |                    |

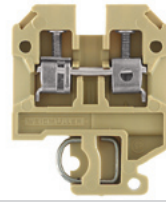
## Accessories

| End plate / Partition plate |                  |
|-----------------------------|------------------|
|                             | beige            |
|                             | beige            |
|                             | Dark beige Wemid |

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## SAK 2.5/TC

2.5 mm<sup>2</sup>

6 x 36.5 x 46.5  
/ 2.5  
...2.5

IEC 60947-7-1 / IEC 60584

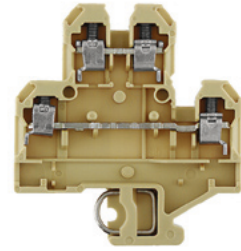
| IEC                  | UL   | CSA |
|----------------------|------|-----|
| 2.5                  |      |     |
|                      | / 3  |     |
|                      | / V2 |     |
| Rated connection     |      |     |
| 0.5...2.5            |      |     |
| 0.4...0.6 Nm (M 2.5) |      |     |
| 10 / 0.6 x 3.5 mm    |      |     |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAK 2.5/TC CH | 100  | 0107260000 |
| SAK 2.5/TC AL | 100  | 0107160000 |
| SAK 2.5/TC CO | 100  | 0189860000 |
| SAK 2.5/TC FE | 100  | 0190060000 |
| SAK 2.5/TC CU | 100  | 0189960000 |

| Type      | Width  | Qty. | Order No.  |
|-----------|--------|------|------------|
| AP SAK2.5 | 1.5 mm | 20   | 0279560000 |
| TW SAK2.5 | 2.5 mm | 20   | 0302860000 |

DEK 5/6 / SCHT 7

## DK 4 TC

4 mm<sup>2</sup>

6 x 54 x 59.5  
/ 4  
...4

IEC 60947-7-1 / IEC 60584

| IEC                 | UL      | CSA |
|---------------------|---------|-----|
| 4                   |         |     |
|                     | A3 / V2 |     |
| Rated connection    |         |     |
| 0.5...4 / 1.5...4   |         |     |
| 0.5...4 / 0.5...2.5 |         |     |
| 0.5...1.0 Nm (M 3)  |         |     |
| 9 / 0.6 x 3.5 mm    |         |     |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| DK 4Q/TC TYP K | 100  | 1338260000 |
| DK 4Q/TC TYP T | 100  | 1338160000 |
| DK 4Q/TC TYP J | 100  | 1338060000 |

| Type              | Width  | Qty. | Order No.  |
|-------------------|--------|------|------------|
| AP DK4Q           | 1.5 mm | 20   | 1397160000 |
| TW SAKS2 HP/DBR/2 | 2 mm   | 20   | 0607000000 |
| WTW EN            | 3 mm   | 20   | 1058800000 |

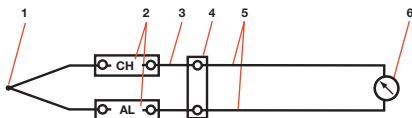
DEK 5/6

**SAK 2.5/TC / DK 4 TC**

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

**Configuration of a temperature measuring circuit**



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensating conductor
- 4 Reference junction
- 5 Supply and return conductors
- 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature measuring circuit.

**Technical data**

Thermocouples to IEC 584 (DIN 43 710)

| Terminal                      | Busbar material trade name |
|-------------------------------|----------------------------|
| <b>a) Type J</b>              |                            |
| <b>Fe</b><br>(positive leg)   | Iron                       |
| <b>CuNi</b><br>(negative leg) | Constantan                 |
| <b>b) Type T</b>              |                            |
| <b>Cu</b><br>(positive leg)   | Copper                     |
| <b>CuNi</b><br>(negative leg) | Constantan                 |
| <b>c) Type K</b>              |                            |
| <b>NiCr</b><br>(positive leg) | Chromel                    |
| <b>Ni</b><br>(negative leg)   | Alumel                     |

## Terminals with screw-less connections

with push-on connection  
TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

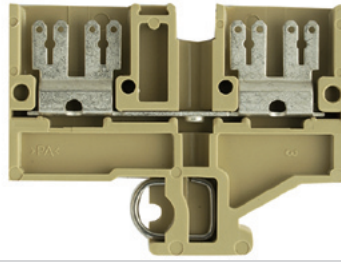
## Ordering data

| Version |          |
|---------|----------|
|         | Slotted  |
|         | Not slit |
| Note    |          |

## Accessories

| Screwable cross-connection   |                                 |
|--|---------------------------------|
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
| Plug-in adapter  |                                 |
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 5-pole                          |
|  | 8-pole                          |
| End plate / Partition plate  |                                 |
|  | beige                           |
|  | beige                           |
| Small partition  |                                 |
|  | Small partition                 |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| Insulating sleeve  |                                 |
|  | 2,8                             |
|  | 6,3                             |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## AST 1

2.5 mm<sup>2</sup>

|               |      |      |      |      |
|---------------|------|------|------|------|
| 6.5 x 58 x 46 | F6.3 | F6.3 | F6.3 | F6.3 |
| 20 / 2.5      | F2.8 | F2.8 | F2.8 | F2.8 |
| 0.5...2.5     |      |      |      |      |

IEC 60947-7-1 / IEC 61210

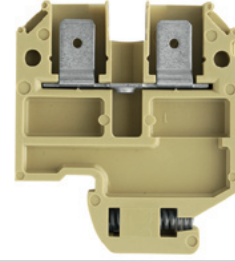
| IEC  | UL    | CSA |
|--|-------|-----|
| 500  | 600   | 300 |
| 20   | 13    | 16  |
| 2.5  |       |     |
|  | 6 / 3 |     |
|  | / V2  |     |
| Rated connection   |       |     |
| 0.5...2.5  |       |     |
| Note   |       |     |
| Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |       |     |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| AST 1 6.3/2.8 | 50   | 0478260000 |
| AST 1 6.3     | 50   | 0266360000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| STA 2.5/2               |         | 100  | 0165860000 |
| STA 2.5/3               |         | 50   | 0165960000 |
| STA 2.5/4               |         | 50   | 0190360000 |
| STA 2.5/5               |         | 50   | 0166060000 |
| STA 2.5/8               |         | 50   | 0166160000 |
| AP AST1+5 DB            | 1.5 mm  | 20   | 0266400000 |
| TW AST1/PA HP/DBR/0.5   | 0.5 mm  | 20   | 0474700000 |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

|           |
|-----------|
| DEK 5/6,5 |
|-----------|

## AST 3

2.5 mm<sup>2</sup>

|               |     |     |
|---------------|-----|-----|
| 6.5 x 40 x 46 | 6.3 | 6.3 |
| 20 / 2.5      | 2.8 | 2.8 |
| 0.5...2.5     |     |     |

IEC 60947-7-1 / IEC 61210

| IEC  | UL    | CSA |
|--|-------|-----|
| 500  | 300   | 300 |
| 20   | 13    | 16  |
| 2.5  |       |     |
|  | 6 / 3 |     |
|  | / 5VA |     |
| Rated connection   |       |     |
| 0.5...2.5  |       |     |
| Note   |       |     |
| The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves. |       |     |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| AST 3 6.3 | 100  | 0236760000 |

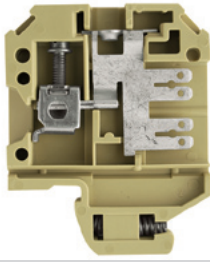
Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| STA 2.5/2               |         | 100  | 0165860000 |
| STA 2.5/3               |         | 50   | 0165960000 |
| STA 2.5/4               |         | 50   | 0190360000 |
| STA 2.5/5               |         | 50   | 0166060000 |
| STA 2.5/8               |         | 50   | 0166160000 |
| AP SAK2.5/35 + AST3+4   | 1.5 mm  | 20   | 0460560000 |
| TW SAKS2 HP/DBR/2       | 2 mm    | 20   | 0607000000 |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

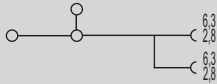
|         |
|---------|
| DEK 5/6 |
|---------|

SAK 4 S

4 mm<sup>2</sup>



6.5 x 40 x 51.5  
20 / 6  
0.13...6



IEC 60947-7-1 / IEC 61210

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 | 300         | 300         |
| 20  | 13          | 13          |
| 4   | AWG 26...12 | AWG 26...12 |
|     | 6 / 3       |             |
|     | A4 / V2     |             |



Rated connection

0.33...6 / 1.5...4  
0.5...4 / 0.5...4  
0.5...1.0 Nm (M 3)  
12 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| SAK 4 S 6.3/2.8 | 100  | 0401260000 |

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| QL 2 SAK4  | 32 A    | 100  | 0130600000 |
| QL 3 SAK4  | 32 A    | 100  | 0130700000 |
| QL 4 SAK4  | 32 A    | 50   | 0130800000 |
| QL 10 SAK4 | 32 A    | 20   | 0338200000 |

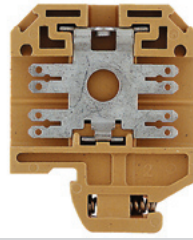
| Width        |        |    |            |
|--------------|--------|----|------------|
| AP SAK4-10   | 1.5 mm | 20 | 0117960000 |
| TW 4 SAK4-10 | 1.5 mm | 20 | 0130160000 |

|               |     |            |
|---------------|-----|------------|
| IH 2.8 DB     | 100 | 0386060000 |
| IH 6.3 WEM GE | 100 | 0386260000 |

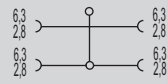
DEK 5/6.5

SAK 4 SS

2.5 mm<sup>2</sup>



6.5 x 40 x 51.5  
20 / 2.5  
0.5...2.5



IEC 60947-7-1 / IEC 61210

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 | 600         | 300         |
| 20  | 13          | 13          |
| 2.5 | AWG 18...14 | AWG 18...14 |
|     | 6 / 3       |             |
|     | / V2        |             |



Rated connection

0.5...2.5

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAK 4 SS 6.3/2.8 | 100  | 0479660000 |

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| QL 2 SAK4  | 32 A    | 100  | 0130600000 |
| QL 3 SAK4  | 32 A    | 100  | 0130700000 |
| QL 4 SAK4  | 32 A    | 50   | 0130800000 |
| QL 10 SAK4 | 32 A    | 20   | 0338200000 |

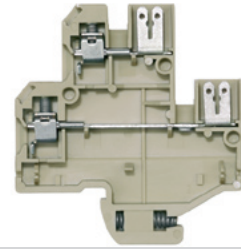
| Width        |        |    |            |
|--------------|--------|----|------------|
| AP SAK4-10   | 1.5 mm | 20 | 0117960000 |
| TW 4 SAK4-10 | 1.5 mm | 20 | 0130160000 |

|               |     |            |
|---------------|-----|------------|
| IH 2.8 DB     | 100 | 0386060000 |
| IH 6.3 WEM GE | 100 | 0386260000 |

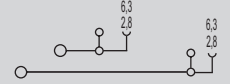
DEK 5/6.5

DK 4 S

4 mm<sup>2</sup>



6 x 54 x 59.5  
20 / 4  
0.33...4



IEC 60947-7-1 / IEC 61210

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 300         | 300         |
| 10  | 10          | 10          |
| 4   | AWG 22...12 | AWG 22...12 |
|     | 6 / 3       |             |
|     | A3 / V2     |             |



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.5...0.8 Nm (M 3)  
8 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A supplied via F 6.3 or 2 x F 2.8.

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| DK 4S SF 6.3/2.8 | 100  | 0631260000 |

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| Q 2 AKZ4  | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4  | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4  | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4 | 32 A    | 20   | 0368600000 |

| Width   |  |    |            |
|---------|--|----|------------|
| AP DK4S |  | 20 | 0631360000 |

|               |      |     |            |
|---------------|------|-----|------------|
| TSCH 6 DKI S4 | 5 mm | 100 | 0190260000 |
|---------------|------|-----|------------|

|                         |        |    |            |
|-------------------------|--------|----|------------|
| PS 2.3 RT               | 5.4 mm | 20 | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50 | 0215700000 |

|               |     |            |
|---------------|-----|------------|
| IH 2.8 DB     | 100 | 0386060000 |
| IH 6.3 WEM GE | 100 | 0386260000 |

DEK 5/6

## Terminals with screw-less connections

## with Termi-Point / Wire-Wrap connection TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

|  |       |
|--|-------|
|  | right |
|--|-------|

## Note

## Accessories

## Screwable cross-connection



|         |  |
|---------|--|
| 2-pole  |  |
| 3-pole  |  |
| 4-pole  |  |
| 10-pole |  |

## End plate / Partition plate

|       |  |
|-------|--|
| beige |  |
| Blue  |  |
| beige |  |

## Small partition

|                 |  |
|-----------------|--|
| Small partition |  |
|-----------------|--|

## External cross-connection

|        |  |
|--------|--|
| 2-pole |  |
| 3-pole |  |
| 4-pole |  |

## Testing / Checking

|           |  |
|-----------|--|
| Test plug |  |
| Socket    |  |

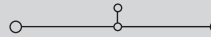
|                 |                                 |
|-----------------|---------------------------------|
| Marking systems | (see assortment in catalogue 7) |
|                 | Marking tags                    |

For detailed information on other accessories and applications, refer to the „Accessories“ section

## SAK 2.5 T 1x1

2.5 mm<sup>2</sup>

6 x 36.5 x 67  
8 / 6  
0.33...6



IEC 60947-7-1

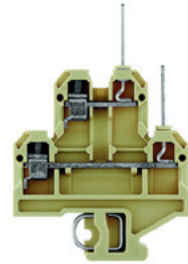
| IEC | UL | CSA         |
|-----|----|-------------|
| 250 |    | 300         |
| 8   |    | 10          |
| 2.5 |    | AWG 22...12 |
|     |    | 4 / 3       |
|     |    | A3 / V2     |



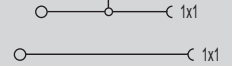
## Rated connection

|                      |
|----------------------|
| 0.5...6 / 0.5...2.5  |
| 0.5...4 / 0.5...2.5  |
| 0.4...0.7 Nm (M 2.5) |
| 10 / 0.6 x 3.5 mm    |

## DK 4 T

4 mm<sup>2</sup>

6 x 50 x 77.5  
10 / 6  
0.5...6



IEC 60947-7-1 / IEC 61210

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 250 | 300         | 300         |
| 10  | 10          | 10          |
| 4   | AWG 22...12 | AWG 22...12 |
|     |             | 4 / 3       |
|     |             | A3 / V2     |



## Rated connection

|                     |
|---------------------|
| 0.5...6 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...0.8 Nm (M 3)  |
| 8 / 0.6 x 3.5 mm    |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAK 2.5 SW 1X1 | 100  | 0108560000 |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| DK 4 SW 1X1 | 50   | 0536560000 |

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| Q 2 SAK2.5  | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5  | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5  | 41 A    | 50   | 0337200000 |
| Q 10 SAK2.5 | 41 A    | 20   | 0368700000 |

|           | Width  | Qty. | Order No.  |
|-----------|--------|------|------------|
| AP SAK2.5 | 1.5 mm | 20   | 0279560000 |
| TW SAK2.5 | 2.5 mm | 20   | 0302860000 |
| TSCH 1    | 2 mm   | 100  | 0319160000 |

|                | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA6 IS | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS | 27 A    | 50   | 0482900000 |

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| Q 2 AKZ4  | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4  | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4  | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4 | 32 A    | 20   | 0368600000 |

|                   | Width  | Qty. | Order No.  |
|-------------------|--------|------|------------|
| AP DK4            | 1.5 mm | 20   | 0359260000 |
| AP DK4 BL         | 1.5 mm | 20   | 0359280000 |
| TW SAKS2 HP/DBR/2 | 2 mm   | 20   | 0607000000 |
| TSCH 4 AKZ4       | 6 mm   | 100  | 0363360000 |

|                         | Width  | Qty. | Order No.  |
|-------------------------|--------|------|------------|
| PS 2.3 RT               | 5.4 mm | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ | 5.4 mm | 20   | 0215700000 |

|         |
|---------|
| DEK 5/6 |
|---------|

|         |
|---------|
| DEK 5/6 |
|---------|

with solder connection  
TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

Ordering data

| Version |       |
|---------|-------|
|         | beige |
|         | right |
|         | left  |
| Note    |       |

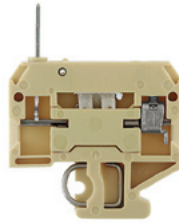
Accessories

| Screwable cross-connection  |                          |
|---|--------------------------|
|  | 2-pole                   |
|   | 3-pole                   |
|   | 4-pole                   |
|   | 10-pole                  |
| External cross-connection   |                          |
|   | 2-pole                   |
|   | 3-pole                   |
|   | 4-pole                   |
| End plate / Partition plate   |                          |
|   | beige                    |
|   | Blue                     |
|   | beige                    |
|   | Blue                     |
| Small partition   |                          |
|   | Small partition          |
| Cover / warning label   |                          |
|   | Cover / warning label    |
|   | Mounting screw (plastic) |
| Testing / Checking  |                          |
|   | Test plug                |
|   | Socket                   |

| Marking systems  |                                 |
|--|---------------------------------|
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

SAKRT

4 mm<sup>2</sup>



|                 |
|-----------------|
| 6.5 x 42 x 40.5 |
| 8 / 4           |
| 0.5...4         |

IEC 60947-7-1

| IEC  | UL | CSA         |
|--|----|-------------|
| 250  |    | 300         |
| 8  |    | 10          |
| 4  |    | AWG 22...12 |
|  |    | 4 / 3       |
|  |    | A3 / V2     |
| Rated connection   |    |             |
| 0.5...4 / 1.5...4  |    |             |
| 0.5...4 / 0.5...2.5  |    |             |
| 0.5...1.0 Nm (M 3)   |    |             |
| 8 / 0.6 x 3.5 mm   |    |             |
| QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm <sup>2</sup> . Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used. |    |             |

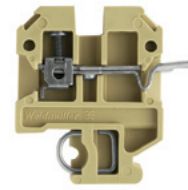
| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAKR TS SE 1,6 | 100  | 0469360000 |

| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
| QB 2 WI RA6 IS    | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS    | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS    | 27 A    | 50   | 0482900000 |
| Width             |         |      |            |
| AP SAKR BE        | 1.5 mm  | 20   | 0211360000 |
| TW SAKS2 HP/DBR/2 | 2 mm    | 20   | 0607000000 |
| Width             |         |      |            |
| PS 2.3 RT         | 5.4 mm  | 20   | 0180400000 |

| Marking systems |           |
|-----------------|-----------|
|                 | DEK 5/6,5 |

SAK 2.5 L

2.5 mm<sup>2</sup>



|                 |
|-----------------|
| 6 x 44.5 x 46.5 |
| 17.5 / 6        |
| 0.33...6        |

IEC 60947-7-1 / IEC 60068-2-20

| IEC   | UL | CSA         |
|---|----|-------------|
| 250   |    | 300         |
| 17.5  |    | 10          |
| 2.5   |    | AWG 22...12 |
|   |    | 4 / 3       |
|   |    | A3 / V2     |
| Rated connection  |    |             |
| 0.5...6 / 0.5...2.5                                     |    |             |
| 0.5...4 / 0.5...2.5                                     |    |             |
| 0.4...0.7 Nm (M 2.5)                                    |    |             |
| 10 / 0.6 x 3.5 mm                                       |    |             |
| max 1.5 mm <sup>2</sup> conductor via solder connection |    |             |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| SAK 2.5 SL | 100  | 0351460000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK2.5              | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5              | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5              | 41 A    | 50   | 0337200000 |
| Q 10 SAK2.5             | 41 A    | 20   | 0368700000 |
| Width                   |         |      |            |
| AP SAK2.5               | 1.5 mm  | 20   | 0279560000 |
| AP SAK2.5 BL            | 1.5 mm  | 20   | 0279580000 |
| TW SAK2.5               | 2.5 mm  | 20   | 0302860000 |
| TW SAK2.5 BL            | 1.5 mm  | 20   | 0302880000 |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/5/2.3/M3 SAK2.5 |         | 50   | 0280600000 |

| Marking systems |         |
|-----------------|---------|
|                 | DEK 5/6 |

## Terminals with screw-less connections

with solder connection  
TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

beige  
right  
left

## Note

## Accessories

## Screwable cross-connection



2-pole  
3-pole  
4-pole  
10-pole

## External cross-connection

2-pole  
3-pole  
4-pole

## End plate / Partition plate

beige  
Blue  
beige  
Blue

## Small partition

Small partition

## Cover / warning label

Cover / warning label  
Mounting screw (plastic)

## Testing / Checking

Test plug  
Socket

## Marking systems

(see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

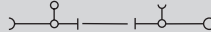
## SAKR L STB 6

4 mm<sup>2</sup>

6.5 x 50 x 40.5

10 / 4

0.5...4



IEC 60947-7-1 / IEC 60068-2-20

| IEC | UL      | CSA |
|-----|---------|-----|
| 250 |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 4 / 3   |     |
|     | A3 / V2 |     |



## Rated connection

|                     |
|---------------------|
| 0.5...4 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...1.0 Nm (M 3)  |
| 8 / 0.6 x 3.5 mm    |

When using disconnect terminals with sockets, the tightening torque is 0.5 - 0.7 Nm.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAKR LS 2STB | 100  | 0518160000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |

## current

|                |      |    |            |
|----------------|------|----|------------|
| QB 2 WI RA6 IS | 27 A | 50 | 0482700000 |
| QB 3 WI RA6 IS | 27 A | 50 | 0482800000 |
| QB 4 WI RA6 IS | 27 A | 50 | 0482900000 |

## Width

|                   |        |    |            |
|-------------------|--------|----|------------|
| AP SAKR BE        | 1.5 mm | 20 | 0211360000 |
| AP SAKR BL        | 1.5 mm | 20 | 0211380000 |
| TW SAKS2 HP/DBR/2 | 2 mm   | 20 | 0607000000 |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

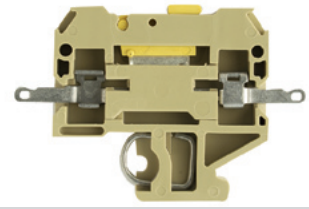
|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

|                        |        |     |            |
|------------------------|--------|-----|------------|
| PS 2.3 RT              | 5.4 mm | 20  | 0180400000 |
| STB 6/D3.7/2.3/M3 SAKR |        | 100 | 0379400000 |

DEK 5/6,5

QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm<sup>2</sup>. Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

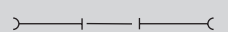
## SAKR LL

1.5 mm<sup>2</sup>

6.5 x 58 x 40.5

10 / 1.5

0.5...1.5



IEC 60947-7-1 / IEC 60068-2-20

| IEC | UL    | CSA         |
|-----|-------|-------------|
| 250 |       | 300         |
| 10  |       | 10          |
| 1.5 |       | AWG 22...12 |
|     | 4 / 3 |             |
|     | / V2  |             |



## Rated connection

|           |
|-----------|
| 0.5...1.5 |
| 0.5...1.5 |

| Type    | Qty. | Order No.  |
|---------|------|------------|
| SAKR LL | 100  | 0464460000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |

| Width             |        |    |            |
|-------------------|--------|----|------------|
| AP SAKR BE        | 1.5 mm | 20 | 0211360000 |
| AP SAKR BL        | 1.5 mm | 20 | 0211380000 |
| TW SAKS2 HP/DBR/2 | 2 mm   | 20 | 0607000000 |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

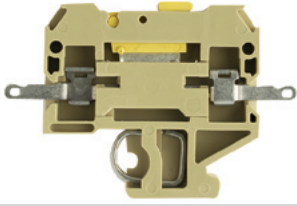
|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

DEK 5/6,5

**SAKR LL mit STB 6**

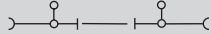
**1.5 mm<sup>2</sup>**



6.5 x 58 x 40.5

**10 / 1.5**

**0.33...1.5**



IEC 60947-7-1 / IEC 60068-2-20

| IEC | UL    | CSA         |
|-----|-------|-------------|
| 250 |       | 300         |
| 10  |       | 10          |
| 1.5 |       | AWG 22...12 |
|     | 4 / 3 |             |
|     | / V2  |             |



**Rated connection**

0.5...1.5

0.5...1.5

/ 0.6 x 3.5 mm

Tightening torque via the socket is 0.5 - 0.7 Nm.

| Type         | Qty. | Order No.         |
|--------------|------|-------------------|
| SAKR LL 2STB | 100  | <b>0294260000</b> |
|              |      |                   |
|              |      |                   |

| Type                  | Qty.   | Order No.            |
|-----------------------|--------|----------------------|
|                       |        |                      |
|                       |        |                      |
|                       |        |                      |
|                       |        |                      |
|                       |        |                      |
|                       |        |                      |
| <b>Width</b>          |        |                      |
| AP SAKR BE            | 1.5 mm | 20 <b>0211360000</b> |
| AP SAKR BL            | 1.5 mm | 20 <b>0211380000</b> |
| TW AST1/PA HP/DBR/0.5 | 0.5 mm | 20 <b>0474700000</b> |
|                       |        |                      |
|                       |        |                      |
|                       |        |                      |
|                       |        |                      |
| PS 2.3 RT             | 5.4 mm | 20 <b>0180400000</b> |

DEK 5/6,5

## Terminals with screw-less connections

with push-on connection  
TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                     |
|---|---------------------|
| Width/Length/height with TS32x7.5       | mm                  |
| max. current / max. cond. cross-section | A / mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>     |


## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

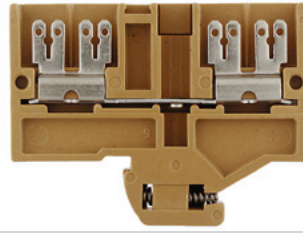
## Ordering data

| Version |          |
|---------|----------|
|         | Slotted  |
|         | Not slit |
| Note    |          |

## Accessories


| Screwable cross-connection   |                                 |
|--|---------------------------------|
|                 | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
| Plug-in adapter  |                                 |
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 5-pole                          |
|  | 8-pole                          |
| End plate / Partition plate  |                                 |
|  | beige                           |
|  | Medium yellow                   |
|  | Blue                            |
|  | beige                           |
|  | Medium yellow                   |
|  | Blue                            |
| Small partition  |                                 |
|  | Small partition                 |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| Insulating sleeve  |                                 |
|  | 2,8                             |
|  | 6,3                             |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## AST 1

2.5 mm<sup>2</sup>

|               |     |     |     |     |
|---------------|-----|-----|-----|-----|
| 6.5 x 58 x 46 | 6.3 | 6.3 | 6.3 | 6.3 |
| 20 / 2.5      | 2.8 | 2.8 | 2.8 | 2.8 |
| 0.5...2.5     |     |     |     |     |

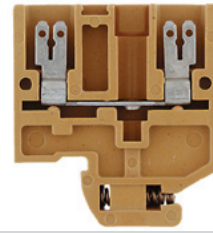
IEC 60947-7-1 / IEC 61210

| IEC  | UL  | CSA |
|--|-----|-----|
| 500  | 600 | 300 |
| 20   | 13  | 16  |
| 2.5  |     |     |
| 6 / 3  |     |     |
| / 5VA  |     |     |
|             |     |     |
| Rated connection   |     |     |
| 0.5...2.5  |     |     |
| Note   |     |     |
| Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |     |     |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| AST 1 6.3/2.8 KRG | 50   | 0478220000 |
| AST 1 6.3 KRG     | 50   | 0266320000 |


| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| STA 2.5/2               |         | 100  | 0165860000 |
| STA 2.5/3               |         | 50   | 0165960000 |
| STA 2.5/4               |         | 50   | 0190360000 |
| STA 2.5/5               |         | 50   | 0166060000 |
| STA 2.5/8               |         | 50   | 0166160000 |
| Width                   |         |      |            |
| AP AST1+5 KRG           | 3 mm    | 20   | 0266420000 |
| TW SAKS2 HP/DBR/2       | 2 mm    | 20   | 0607000000 |
| Width                   |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 | 50      |      | 0168600000 |
| Width                   |         |      |            |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |
| Width                   |         |      |            |
| DEK 5/6,5               |         |      |            |

## AST 3

2.5 mm<sup>2</sup>

|               |     |     |
|---------------|-----|-----|
| 6.5 x 40 x 46 | 6.3 | 6.3 |
| 20 / 2.5      | 2.8 | 2.8 |
| 0.5...2.5     |     |     |

IEC 60947-7-1 / IEC 61210

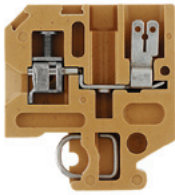
| IEC  | UL  | CSA |
|--|-----|-----|
| 500  | 300 | 300 |
| 20   | 13  | 16  |
| 2.5  |     |     |
| 6 / 3  |     |     |
| / 5VA  |     |     |
|                 |     |     |
| Rated connection   |     |     |
| 0.5...2.5  |     |     |
| Note   |     |     |
| The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves. |     |     |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| AST 3 6.3/2.8 KRG | 100  | 0442420000 |
| AST 3 6.3 KRG     | 100  | 0298020000 |

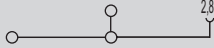
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| AP AST3+4 KRG           | 3 mm    | 20   | 0298120000 |
| TW SAKS2 HP/DBR/2       | 2 mm    | 20   | 0607000000 |
| Width                   |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 | 50      |      | 0168600000 |
| Width                   |         |      |            |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |
| Width                   |         |      |            |
| DEK 5/6                 |         |      |            |

AST 4

2.5 mm<sup>2</sup>



6.2 x 40 x 46  
20 / 4  
0.2...4



IEC 60947-7-1 / IEC 61210

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 300         | 300         |
| 20       | 13          | 16          |
| 2.5      | AWG 22...12 | AWG 24...12 |
| 6 / 3    |             |             |
| A3 / 5VA |             |             |



Rated connection

0.5...4 / 1.5...2.5  
0.5...2.5 / 0.5...2.5  
0.4...0.7 Nm (M 2.5)  
9 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 When used with F 2.8, the rated voltage is 500 V

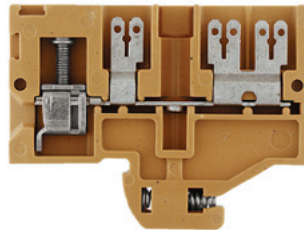
| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| AST 4 SF 6.3/2.8 KRG | 100  | 0439120000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| STA 2.5/2               |         | 100  | 0165860000 |
| STA 2.5/3               |         | 50   | 0165960000 |
| STA 2.5/4               |         | 50   | 0190360000 |
| STA 2.5/5               |         | 50   | 0166060000 |
| STA 2.5/8               |         | 50   | 0166160000 |
| Width                   |         |      |            |
| AP AST3+4 KRG           | 3 mm    | 20   | 0298120000 |
| TW SAKS2 HP/DBR/2       | 2 mm    | 20   | 0607000000 |
| Width                   |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

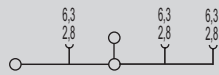
DEK 5/6

AST 5

4 mm<sup>2</sup>



6.5 x 58 x 46  
20 / 6  
0.2...6



IEC 60947-7-1 / IEC 61210

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 300         | 300         |
| 20       | 13          | 16          |
| 4        | AWG 22...12 | AWG 24...12 |
| 6 / 3    |             |             |
| A4 / 5VA |             |             |



Rated connection

0.5...6 / 1.5...2.5  
0.5...4 / 0.5...4  
0.5...1.0 Nm (M 3)  
12 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| AST 5 SF 6.3/2.8 KRG | 50   | 0479220000 |
| AST 5 SF 6.3 KRG     | 50   | 0334520000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| AP AST1+5 KRG           | 3 mm    | 20   | 0266420000 |
| TW SAKS2 HP/DBR/2       | 2 mm    | 20   | 0607000000 |
| Width                   |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

DEK 5/6.5

## Terminals with screw-less connections

with push-on connection  
TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

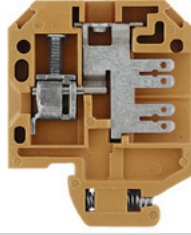
## Ordering data

| Version |          |
|---------|----------|
|         | Slotted  |
|         | Not slit |
| Note    |          |

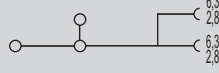
## Accessories

| Screwable cross-connection   |                                 |
|--|---------------------------------|
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
| Plug-in adapter  |                                 |
|  | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 5-pole                          |
|  | 8-pole                          |
| End plate / Partition plate  |                                 |
|  | beige                           |
|  | Medium yellow                   |
|  | Blue                            |
|  | beige                           |
|  | Medium yellow                   |
|  | Blue                            |
| Small partition  |                                 |
|  | Small partition                 |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| Insulating sleeve  |                                 |
|  | 2,8                             |
|  | 6,3                             |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## SAK 4 S

4 mm<sup>2</sup>

6.5 x 40 x 51.5  
20 / 6  
0.13...6



IEC 60947-7-1 / IEC 61210

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 300         | 300         |
| 20       | 13          | 13          |
| 4        | AWG 26...12 | AWG 26...12 |
| 6 / 3    |             |             |
| A4 / 5VA |             |             |

## Rated connection

0.33...6 / 1.5...4

0.5...4 / 0.5...4

0.5...1.0 Nm (M 3)

12 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| SAK 4 S 6.3/2.8/KRG | 100  | 0401220000 |

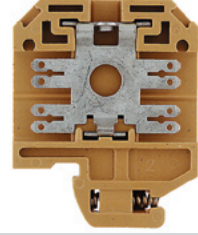
| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| QL 2 SAK4  | 32 A    | 100  | 0130600000 |
| QL 3 SAK4  | 32 A    | 100  | 0130700000 |
| QL 4 SAK4  | 32 A    | 50   | 0130800000 |
| QL 10 SAK4 | 32 A    | 20   | 0338200000 |

| Width             |        |    |            |
|-------------------|--------|----|------------|
| AP SAK4-10 KRG    | 1.5 mm | 20 | 0117920000 |
| AP SAK4-10 KRG/BL | 1.5 mm | 20 | 0117970000 |
| TW SAK4-10 KRG    | 2.5 mm | 20 | 0130120000 |
| TW SAK4-10 KRG/BL | 2.5 mm | 20 | 0130170000 |

|               |     |            |
|---------------|-----|------------|
| IH 2.8 DB     | 100 | 0386060000 |
| IH 6.3 WEM GE | 100 | 0386260000 |

DEK 5/6,5

## SAK 4 SS

2.5 mm<sup>2</sup>

6.5 x 40 x 51.5  
20 / 2.5  
0.5...2.5



IEC 60947-7-1 / IEC 61210

| IEC   | UL          | CSA         |
|-------|-------------|-------------|
| 500   | 600         | 300         |
| 20    | 13          | 13          |
| 2.5   | AWG 18...14 | AWG 18...14 |
| 6 / 3 |             |             |
| / 5VA |             |             |

## Rated connection

0.5...2.5

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| SAK 4 SS 6.3/2.8 KRG | 100  | 0479620000 |
| SAK 4 SS 6.3/KRG     | 100  | 0352920000 |

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| QL 2 SAK4  | 32 A    | 100  | 0130600000 |
| QL 3 SAK4  | 32 A    | 100  | 0130700000 |
| QL 4 SAK4  | 32 A    | 50   | 0130800000 |
| QL 10 SAK4 | 32 A    | 20   | 0338200000 |

| Width      |        |    |            |
|------------|--------|----|------------|
| AP SAK4-10 | 1.5 mm | 20 | 0117960000 |

|              |        |    |            |
|--------------|--------|----|------------|
| TW 4 SAK4-10 | 1.5 mm | 20 | 0130160000 |
|--------------|--------|----|------------|

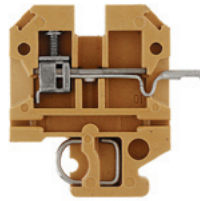
|               |     |            |
|---------------|-----|------------|
| IH 2.8 DB     | 100 | 0386060000 |
| IH 6.3 WEM GE | 100 | 0386260000 |

DEK 5/6,5

with solder connection  
TS 32 / KrG

SAK 2.5 L

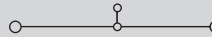
2.5 mm<sup>2</sup>



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

|                 |
|-----------------|
| 6 x 44.5 x 46.5 |
| <b>17.5 / 6</b> |
| <b>0.33...6</b> |



Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

IEC 60947-7-1 / IEC 60068-2-20

| IEC  | UL | CSA         |
|------|----|-------------|
| 250  |    | 300         |
| 17.5 |    | 10          |
| 2.5  |    | AWG 22...12 |
|      |    | 4 / 3       |
|      |    | A3 / 5VA    |

Ⓢ

| Rated connection     |  |
|----------------------|--|
| 0.5...6 / 0.5...2.5  |  |
| 0.5...4 / 0.5...2.5  |  |
| 0.4...0.7 Nm (M 2.5) |  |
| 10 / 0.6 x 3.5 mm    |  |

max 1.5 mm<sup>2</sup> conductor via solder connection

Ordering data

| Version |               |
|---------|---------------|
|         | Medium yellow |
| Note    |               |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAK 2.5 LS KRG | 100  | 0544120000 |

Accessories

| Screwable cross-connection  |                          |
|-----------------------------|--------------------------|
|                             | 2-pole                   |
|                             | 3-pole                   |
|                             | 4-pole                   |
|                             | 10-pole                  |
| Testing / Checking          |                          |
|                             | Test plug                |
|                             | Socket                   |
| End plate                   |                          |
|                             | Medium yellow            |
|                             | Blue                     |
| End plate / Partition plate |                          |
|                             | beige                    |
| Small partition             |                          |
|                             | Small partition          |
| Cover / warning label       |                          |
|                             | Cover / warning label    |
|                             | Mounting screw (plastic) |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK2.5              | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5              | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5              | 41 A    | 50   | 0337200000 |
| Q 10 SAK2.5             | 41 A    | 20   | 0368700000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/5/2.3/M3 SAK2.5 |         | 50   | 0280600000 |
| AP SAK2.5L KRG          | 1.5 mm  | 20   | 0309220000 |
| AP SAK2.5L KRG BL       | 1.5 mm  | 20   | 0309270000 |
| TW SAKS2 HP/DBR/2       | 2 mm    | 20   | 0607000000 |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |

| Marking systems |                                 |
|-----------------|---------------------------------|
|                 | (see assortment in catalogue 7) |
|                 | Marking tags                    |

|         |
|---------|
| DEK 5/6 |
|---------|

For detailed information on other accessories and applications, refer to the „Accessories“ section

## Special terminals - SAKG

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

Medium yellow

## Note

## Accessories

## Screwable cross-connection



2-pole  
3-pole  
4-pole

## End plate

dark brown  
Tropical applications

## End plate / Partition plate

dark brown  
Tropical applications

## Cover / warning label

Cover / warning label

## Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## SAKG 28 I

35 mm<sup>2</sup>

28 x 70 x 63.5

150 / 50

6...50



IEC 60947-7-1

| IEC      | UL        | CSA       |
|----------|-----------|-----------|
| 1000     | 600       | 600       |
| 125      | 95        | 110       |
| 35       | AWG 6...2 | AWG 6...1 |
| 8 / 3    |           |           |
| B9 / 5VA |           |           |

## Rated connection

|                    |
|--------------------|
| 6...16 / 6...50    |
| 10...35 / 6...35   |
| 4.0...6.0 Nm (M 6) |
| 15 /               |

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 6...50 mm<sup>2</sup>

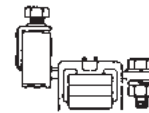
| Type      | Qty. | Order No.  |
|-----------|------|------------|
| SAKG 28 I | 10   | 0170020000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG28             |         | 10   | 0551200000 |
| QL 3 SAKG28             |         | 5    | 0407600000 |
| QL 4 SAKG28             |         | 5    | 0407700000 |
| Width                   |         |      |            |
| EP 1 SAKG28/32 HP/DBR   | 2 mm    | 10   | 0205100000 |
| EP 1 SAKG28/32 HP/TF/GE | 2 mm    | 10   | 0205200000 |
| TW SAKG28 HP/DBR/2      | 2 mm    | 10   | 0151400000 |
| TW SAKG28 HP/TF/GE/2    | 2 mm    | 10   | 0164600000 |
| AH 28 SAKG28            | 26 mm   | 5    | 0326660000 |

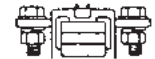
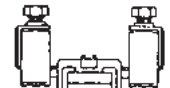
The Weidmüller SAKG range offers the following connection variants:

- Clamping yoke/flat lug as a combination, Version I.
- Flat lug, Version II.  
Two types of threading are provided here.  
a) screw set with lock nut  
b) with thread in busbar
- Clamping yoke connection, Version III.  
The stripped conductor can be connected without further preparation.

## Versions



Version I

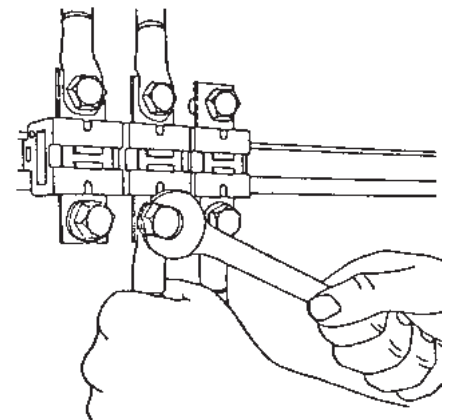
Version II  
without threadVersion IIG  
with thread

Version III

Cables with cable lugs are connected to SAKG terminals of Version I and to SS stud terminals.

## Fitting instructions for SAKG terminals

When tightening the clamping screw, it is recommended that the conductor be held against the direction of tightening to prevent deformation of the mounting rail and so as not to place the terminal foot under undue torsional forces.



## Cover

To ensure shock protection following connections of **conductors, AH** covers can be clipped onto the terminal.

TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

Ordering data

| Version |               |
|---------|---------------|
|         | Medium yellow |
| Note    |               |

Accessories

| Screwable cross-connection  |                       |
|---|-----------------------|
|  | 2-pole                |
|   | 3-pole                |
|   | 4-pole                |
| End plate   |                       |
|   | dark brown            |
|   | Tropical applications |
| End plate / Partition plate   |                       |
|   | dark brown            |
|   | Tropical applications |
|   | dark brown            |
|   | Tropical applications |
| Cover / warning label   |                       |
|   | Cover / warning label |

| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

SAKG 28 II

35 mm<sup>2</sup>



|              |   |
|--------------|---|
| 28 x 70 x 53 |   |
| 150 / 50     |  |
| 6...50       |   |

| IEC 60947-7-1   |           |           |
|---|-----------|-----------|
| IEC   | UL        | CSA       |
| 1000  | 600       | 600       |
| 125   | 115       | 110       |
| 35  | AWG 8...2 | AWG 6...1 |
| 8 / 3   |           |           |
| / 5VA   |           |           |
| Rated connection  |           |           |
| 3.0...6.0 Nm (M 6)  |           |           |
| Note  |           |           |
| Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 6 .. 50 mm <sup>2</sup> |           |           |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| SAKG 28 II | 10   | 0170320000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG28             | 125 A   | 10   | 0551200000 |
| QL 3 SAKG28             | 232 A   | 5    | 0407600000 |
| QL 4 SAKG28             | 125 A   | 5    | 0407700000 |
| Width                   |         |      |            |
| EP 1 SAKG28/32 HP/DBR   | 2 mm    | 10   | 0205100000 |
| EP 1 SAKG28/32 HP/TF/GE | 2 mm    | 10   | 0205200000 |
| TW SAKG28 HP/DBR/2      | 2 mm    | 10   | 0151400000 |
| TW SAKG28 HP/TF/GE/2    | 2 mm    | 10   | 0164600000 |
| AH 28 SAKG28            | 26 mm   | 5    | 0326660000 |

|         |
|---------|
| DEK 5/5 |
|---------|

SAKG 28 II G

35 mm<sup>2</sup>



|                |   |
|----------------|---|
| 28 x 70 x 51.4 |   |
| 150 / 50       |  |
| 6...50         |   |

| IEC 60947-7-1   |           |           |
|---|-----------|-----------|
| IEC   | UL        | CSA       |
| 1000  | 600       | 600       |
| 125   | 95        | 110       |
| 35  | AWG 8...2 | AWG 6...1 |
| 8 /   |           |           |
| / 5VA   |           |           |
| Rated connection  |           |           |
| 3.0...6.0 Nm (M 6)  |           |           |
| Note  |           |           |
| Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 6 .. 50 mm <sup>2</sup> |           |           |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKG 28 II/GW | 10   | 0185020000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG28             | 125 A   | 10   | 0551200000 |
| QL 3 SAKG28             | 232 A   | 5    | 0407600000 |
| QL 4 SAKG28             | 125 A   | 5    | 0407700000 |
| Width                   |         |      |            |
| EP 1 SAKG28/32 HP/DBR   | 2 mm    | 10   | 0205100000 |
| EP 1 SAKG28/32 HP/TF/GE | 2 mm    | 10   | 0205200000 |
| TW SAKG28 HP/DBR/2      | 2 mm    | 10   | 0151400000 |
| TW SAKG28 HP/TF/GE/2    | 2 mm    | 10   | 0164600000 |
| AH 28 SAKG28            | 26 mm   | 5    | 0326660000 |

|         |
|---------|
| DEK 5/5 |
|---------|

## Special terminals - SAKG

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

Medium yellow

## Note

## Accessories

## Screwable cross-connection



2-pole  
3-pole  
4-pole

## End plate

dark brown  
Tropical applications

## End plate / Partition plate

dark brown  
Tropical applications  
dark brown  
Tropical applications

## Cover / warning label

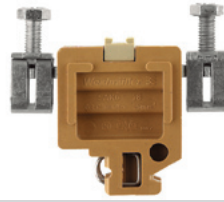
Cover / warning label

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## SAKG 28 III

35 mm<sup>2</sup>

28 x 70 x 63.5

150 / 50

6...50



IEC 60947-7-1

| IEC      | UL        | CSA       |
|----------|-----------|-----------|
| 1000     | 600       | 600       |
| 125      | 95        | 135       |
| 35       | AWG 8...2 | AWG 8...2 |
| 8 / 3    |           |           |
| B9 / 5VA |           |           |

## Rated connection

|                    |
|--------------------|
| 6...16 / 6...50    |
| 10...35 / 6...35   |
| 4.0...6.0 Nm (M 6) |
| 15 /               |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| SAKG 28 III | 10   | 0170820000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |

## Width

| Type                    | Width | Qty. | Order No.  |
|-------------------------|-------|------|------------|
| EP 1 SAKG28/32 HP/DBR   | 2 mm  | 10   | 0205100000 |
| EP 1 SAKG28/32 HP/TF/GE | 2 mm  | 10   | 0205200000 |

|                      |      |    |            |
|----------------------|------|----|------------|
| TW SAKG28 HP/DBR/2   | 2 mm | 10 | 0151400000 |
| TW SAKG28 HP/TF/GE/2 | 2 mm | 10 | 0164600000 |

|              |       |   |            |
|--------------|-------|---|------------|
| AH 28 SAKG28 | 26 mm | 5 | 0326660000 |
|--------------|-------|---|------------|

DEK 5/5

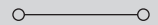
## SAKG 32 I

50 mm<sup>2</sup>

32 x 87.3 x 84

192 / 70

10...70



IEC 60947-7-1

| IEC       | UL          | CSA         |
|-----------|-------------|-------------|
| 1000      | 600         | 600         |
| 150       | 165         | 170         |
| 50        | AWG 6...3/0 | AWG 1...2/0 |
| 8 / 3     |             |             |
| B11 / 5VA |             |             |

## Rated connection

|                   |
|-------------------|
| 10...16 / 10...70 |
| 10...70 / 10...70 |
| 6.0...12 Nm (M 8) |
| 26 /              |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| SAKG 32 I | 10   | 0286620000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QL 2 SAKG32+70 | 150 A   | 5    | 0194000000 |
| QL 3 SAKG32+70 | 150 A   | 5    | 0441500000 |
| QL 4 SAKG32+70 | 150 A   | 5    | 0441600000 |

## Width

| Type                    | Width | Qty. | Order No.  |
|-------------------------|-------|------|------------|
| EP 2 SAKG46/32 HP/DBR   | 2 mm  | 10   | 0205300000 |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm  | 10   | 0205400000 |

|                      |      |    |            |
|----------------------|------|----|------------|
| TW SAKG46 HP/DBR/2   | 2 mm | 10 | 0177100000 |
| TW SAKG46 HP/TF/GE/2 | 2 mm | 10 | 0179900000 |

|              |       |   |            |
|--------------|-------|---|------------|
| AH 32 SAKG32 | 30 mm | 5 | 0326760000 |
|--------------|-------|---|------------|

DEK 5/5

**SAKG 32 II**

50 mm<sup>2</sup>



32 x 80 x 53  
**192 / 70**  
 10...70

IEC 60947-7-1

| IEC  | UL          | CSA         |
|------|-------------|-------------|
| 1000 | 600         | 600         |
| 150  | 200         | 170         |
| 50   | AWG 6...3/0 | AWG 1...2/0 |
|      | 8 / 3       |             |
|      | / 5VA       |             |



**Rated connection**

6.0...12 Nm (M 8)

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 .. 70 mm<sup>2</sup>

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAKG 32 II | 10   | <b>0170420000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG32+70          | 150 A   | 5    | <b>0194000000</b> |
| QL 3 SAKG32+70          | 150 A   | 5    | <b>0441500000</b> |
| QL 4 SAKG32+70          | 150 A   | 5    | <b>0441600000</b> |
| <b>Width</b>            |         |      |                   |
| EP 1 SAKG28/32 HP/DBR   | 2 mm    | 10   | <b>0205100000</b> |
| EP 1 SAKG28/32 HP/TF/GE | 2 mm    | 10   | <b>0205200000</b> |
| <b>Width</b>            |         |      |                   |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |
| AH 32 SAKG32            | 30 mm   | 5    | <b>0326760000</b> |

DEK 5/5

**SAKG 32 II G**

50 mm<sup>2</sup>



32 x 80 x 53  
**192 / 70**  
 10...70

IEC 60947-7-1

| IEC  | UL    | CSA         |
|------|-------|-------------|
| 1000 |       | 600         |
| 150  |       | 170         |
| 50   |       | AWG 1...2/0 |
|      | 8 / 3 |             |
|      | / 5VA |             |



**Rated connection**

6.0...12 Nm (M 8)

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 .. 70 mm<sup>2</sup>

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKG 32 II/GW | 10   | <b>0185120000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG32+70          | 150 A   | 5    | <b>0194000000</b> |
| QL 3 SAKG32+70          | 150 A   | 5    | <b>0441500000</b> |
| QL 4 SAKG32+70          | 150 A   | 5    | <b>0441600000</b> |
| <b>Width</b>            |         |      |                   |
| EP 1 SAKG32/35 HP/DBR   | 2 mm    | 10   | <b>0180500000</b> |
| EP 1 SAKG32/35 HP/TF/GE | 2 mm    | 10   | <b>0180600000</b> |
| TW SAKG28 HP/DBR/2      | 2 mm    | 10   | <b>0151400000</b> |
| TW SAKG28 HP/TF/GE/2    | 2 mm    | 10   | <b>0164600000</b> |
| AH 32 SAKG32            | 30 mm   | 5    | <b>0326760000</b> |

DEK 5/5

**SAKG 32 III**

50 mm<sup>2</sup>



32 x 94 x 84.5  
**192 / 70**  
 10...70

IEC 60947-7-1

| IEC  | UL          | CSA         |
|------|-------------|-------------|
| 1000 | 600         | 600         |
| 150  | 165         | 185         |
| 50   | AWG 6...3/0 | AWG 1...2/0 |
|      | 8 / 3       |             |
|      | B11 / 5VA   |             |



**Rated connection**

10...16 / 10...70

10...70 / 10...70

6.0...12 Nm (M 8)

26 /

| Type        | Qty. | Order No.         |
|-------------|------|-------------------|
| SAKG 32 III | 10   | <b>0286720000</b> |

| Type                    | Qty.  | Order No. |
|-------------------------|-------|-----------|
| <b>Width</b>            |       |           |
| EP 2 SAKG46/32 HP/DBR   | 2 mm  | 10        |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm  | 10        |
| <b>Width</b>            |       |           |
| TW SAKG46 HP/DBR/2      | 2 mm  | 10        |
| TW SAKG46 HP/TF/GE/2    | 2 mm  | 10        |
| AH 32 SAKG32            | 30 mm | 5         |

DEK 5/5

## Special terminals - SAKG

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

Medium yellow

## Note

## Accessories

## Screwable cross-connection



2-pole  
3-pole  
4-pole

## End plate

dark brown  
Tropical applications

## End plate / Partition plate

dark brown  
Tropical applications  
dark brown  
Tropical applications

## Cover / warning label

Cover / warning label

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

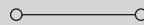
## SAKG 70 II G

70 mm<sup>2</sup>

32 x 84 x 51.4

192 / 95

10...95



IEC 60947-7-1

| IEC  | UL          | CSA           |
|------|-------------|---------------|
| 1000 |             | 600           |
| 192  |             | 200           |
| 70   | AWG 6...3/0 | AWG 2/0...4/0 |
|      | 8 / 3       |               |
|      | / 5VA       |               |



## Rated connection

10...16

6.0...12 Nm (M 8)

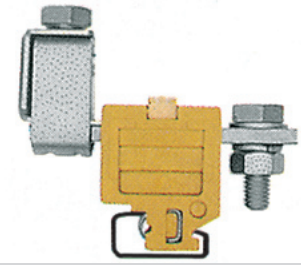
Conductor connection with cable lugs according to DIN 46234 with 16...95 mm<sup>2</sup> and DIN 46235 with 10...50 mm<sup>2</sup>

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKG 70 II/GW | 10   | 0150420000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG32+70          | 150 A   | 5    | 0194000000 |
| QL 3 SAKG32+70          | 150 A   | 5    | 0441500000 |
| QL 4 SAKG32+70          | 150 A   | 5    | 0441600000 |
| Width                   |         |      |            |
| EP 1 SAKG28/32 HP/DBR   | 2 mm    | 10   | 0205100000 |
| EP 1 SAKG28/32 HP/TF/GE | 2 mm    | 10   | 0205200000 |
| TW SAKG28 HP/DBR/2      | 2 mm    | 10   | 0151400000 |
| TW SAKG28 HP/TF/GE/2    | 2 mm    | 10   | 0164600000 |
| AH 32 SAKG32            | 30 mm   | 5    | 0326760000 |

DEK 5/5

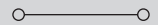
## SAKG 40 I

95 mm<sup>2</sup>

40 x 94 x 84.5

232 / 95

10...95



IEC 60947-7-1

| IEC  | UL            | CSA           |
|------|---------------|---------------|
| 1000 | 600           | 600           |
| 232  | 195           | 250           |
| 95   | AWG 2/0...4/0 | AWG 2/0...4/0 |
|      | 8 / 3         |               |
|      | B12 / 5VA     |               |



## Rated connection

10...16 / 10...95

10...95 / 10...95

10...20 Nm (M 10)

25 /

Conductor connection with cable lugs acc. to DIN 46234 from 10...95 mm<sup>2</sup>

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| SAKG 40 I | 10   | 0286820000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG40             | 232 A   | 5    | 0194100000 |
| QL 3 SAKG40             | 232 A   | 5    | 0263500000 |
| QL 4 SAKG40             | 232 A   | 5    | 0409800000 |
| Width                   |         |      |            |
| EP 2 SAKG46/32 HP/DBR   | 2 mm    | 10   | 0205300000 |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm    | 10   | 0205400000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 40 SAKG40            | 38 mm   | 5    | 0326860000 |

DEK 5/5

SAKG 40 II

95 mm<sup>2</sup>



40 x 90 x 53  
**232 / 95**  
**10...95**

IEC 60947-7-1

| IEC  | UL          | CSA           |
|------|-------------|---------------|
| 1000 | 600         | 600           |
| 232  | 230         | 250           |
| 95   | AWG 1...4/0 | AWG 2/0...4/0 |
|      | 8 / 3       |               |
|      | / 5VA       |               |



**Rated connection**

...16

10...20 Nm (M 10)

Conductor connection with cable lugs according to DIN 46234, from 10 ... 95 mm<sup>2</sup>

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAKG 40 II | 10   | <b>0170520000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG40             | 232 A   | 5    | <b>0194100000</b> |
| QL 3 SAKG40             | 232 A   | 5    | <b>0263500000</b> |
| QL 4 SAKG40             | 232 A   | 5    | <b>0409800000</b> |
| <b>Width</b>            |         |      |                   |
| EP 2 SAKG46/32 HP/DBR   | 2 mm    | 10   | <b>0205300000</b> |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm    | 10   | <b>0205400000</b> |
| <b>Width</b>            |         |      |                   |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |
| <b>Width</b>            |         |      |                   |
| AH 40 SAKG40            | 38 mm   | 5    | <b>0326860000</b> |

DEK 5/5

SAKG 40 II GW

95 mm<sup>2</sup>



40 x 90 x 53  
**232 / 95**  
**10...95**

IEC 60947-7-1

| IEC  | UL          | CSA           |
|------|-------------|---------------|
| 1000 | 600         | 600           |
| 232  | 230         | 250           |
| 95   | AWG 1...4/0 | AWG 2/0...4/0 |
|      | 8 / 3       |               |
|      | / 5VA       |               |



**Rated connection**

...16

10...20 Nm (M 10)

Conductor connection with cable lugs according to DIN 46234, from 10 ... 95 mm<sup>2</sup>

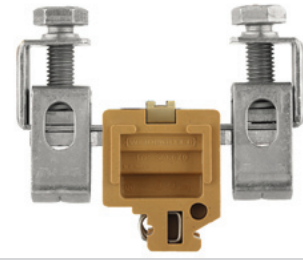
| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKG 40 II/GW | 10   | <b>0185220000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG40             | 232 A   | 5    | <b>0194100000</b> |
| QL 3 SAKG40             | 232 A   | 5    | <b>0263500000</b> |
| QL 4 SAKG40             | 232 A   | 5    | <b>0409800000</b> |
| <b>Width</b>            |         |      |                   |
| EP 2 SAKG46/32 HP/DBR   | 2 mm    | 10   | <b>0205300000</b> |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm    | 10   | <b>0205400000</b> |
| <b>Width</b>            |         |      |                   |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |
| <b>Width</b>            |         |      |                   |
| AH 40 SAKG40            | 38 mm   | 5    | <b>0326860000</b> |

DEK 5/5

SAKG 40 III

95 mm<sup>2</sup>



40 x 98 x 84.5  
**232 / 95**  
**10...95**

IEC 60947-7-1

| IEC  | UL          | CSA           |
|------|-------------|---------------|
| 1000 | 600         | 600           |
| 232  | 195         | 230           |
| 95   | AWG 1...4/0 | AWG 2/0...4/0 |
|      | 8 / 3       |               |
|      | B12 / 5VA   |               |



**Rated connection**

10...16 / 10...95

10...95 / 10...95

16...20 Nm (M 10)

25 /

| Type        | Qty. | Order No.         |
|-------------|------|-------------------|
| SAKG 40 III | 10   | <b>0286920000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG40             | 232 A   | 5    | <b>0194100000</b> |
| QL 3 SAKG40             | 232 A   | 5    | <b>0263500000</b> |
| QL 4 SAKG40             | 232 A   | 5    | <b>0409800000</b> |
| <b>Width</b>            |         |      |                   |
| EP 2 SAKG46/32 HP/DBR   | 2 mm    | 10   | <b>0205300000</b> |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm    | 10   | <b>0205400000</b> |
| <b>Width</b>            |         |      |                   |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |
| <b>Width</b>            |         |      |                   |
| AH 40 SAKG40            | 38 mm   | 5    | <b>0326860000</b> |

DEK 5/5

## Special terminals - SAKG

## TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 Max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

Rated voltage V  
 Rated current A  
 Rated cross-section mm<sup>2</sup>  
 Rated impulse voltage / Pollution severity kV/-  
 Gauge to IEC 60947-1 / UL94 Flammability class

## Clamped conductors (H05V/H07V)

solid / stranded mm<sup>2</sup>  
 flexible / Stranded wire with end ferrules mm<sup>2</sup>  
 Tightening torque range (clamping screw)  
 Stripping length / Blade size mm/-

## Note

## Ordering data

## Version

Medium yellow

## Note

## Accessories

## Screwable cross-connection



2-pole  
 3-pole  
 4-pole

## End plate

dark brown  
 Tropical applications

## End plate / Partition plate

dark brown  
 Tropical applications  
 dark brown  
 Tropical applications

## Cover / warning label

Cover / warning label

## Marking systems

(see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

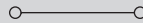
## SAKG 46 II

150 mm<sup>2</sup>

46 x 106 x 57

353 / 185

10...185



IEC 60947-7-1

| IEC   | UL            | CSA         |
|-------|---------------|-------------|
| 1000  | 600           | 600         |
| 309   | 285           | 365         |
| 150   | AWG 4/0...300 | AWG 4...300 |
| 8 / 3 |               |             |
| / 5VA |               |             |

## Rated connection

10...16

14...31 Nm M 12

Conductor connection with cable lugs according to DIN 46234, from 10 .. 185 mm<sup>2</sup> and DIN 46235, from 25 .. 150 mm<sup>2</sup>

| Type       | Qty. | Order No.  |
|------------|------|------------|
| SAKG 46 II | 5    | 0170620000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG46             | 309 A   | 5    | 0247000000 |
| QL 3 SAKG46             | 309 A   | 5    | 0444400000 |
| QL 4 SAKG46             | 309 A   | 5    | 0444500000 |
| Width                   |         |      |            |
| EP 2 SAKG46/32 HP/DBR   | 2 mm    | 10   | 0205300000 |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm    | 10   | 0205400000 |
| Width                   |         |      |            |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| Width                   |         |      |            |
| AH 46 SAKG46            | 46 mm   | 5    | 0326960000 |

DEK 5/5

## SAKG 46 II GW

150 mm<sup>2</sup>

46 x 106 x 57

353 / 185

10...185



IEC 60947-7-1

| IEC   | UL                  | CSA         |
|-------|---------------------|-------------|
| 1000  | 600                 | 600         |
| 309   | 285                 | 365         |
| 150   | AWG 4/0...kcmil 300 | AWG 1...300 |
| 8 / 3 |                     |             |
| / 5VA |                     |             |

## Rated connection

10...16

14...31 Nm M 12

Conductor connection with cable lugs according to DIN 46234, from 10 .. 185 mm<sup>2</sup> and DIN 46235, from 25 .. 150 mm<sup>2</sup>

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKG 46 II/GW | 5    | 0185320000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG46             | 309 A   | 5    | 0247000000 |
| QL 3 SAKG46             | 309 A   | 5    | 0444400000 |
| QL 4 SAKG46             | 309 A   | 5    | 0444500000 |
| Width                   |         |      |            |
| EP 2 SAKG46/32 HP/DBR   | 2 mm    | 10   | 0205300000 |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm    | 10   | 0205400000 |
| Width                   |         |      |            |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| Width                   |         |      |            |
| AH 46 SAKG46            | 46 mm   | 5    | 0326960000 |

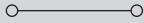
DEK 5/5

**SAKG 54 II**

**240 mm<sup>2</sup>**



54 x 122 x 60,5  
**415 / 240**  
**10...240**



IEC 60947-7-1

| IEC   | UL  | CSA |
|-------|---|-----|
| 1000  | 600   | 600 |
| 415   | 380   | 600 |
| 240   | kcmil 300...kcmil 500 kcmil 300...kcmil 500 |     |
| 8 / 3 |   |     |
| / 5VA |   |     |



**Rated connection**

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 .. 240 mm<sup>2</sup>

| Type       | Qty. | Order No.         |
|------------|------|-------------------|
| SAKG 54 II | 5    | <b>0170720000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG54             | 415 A   | 5    | <b>0264400000</b> |
| QL 3 SAKG54             | 415 A   | 5    | <b>0408000000</b> |
| QL 4 SAKG54             | 415 A   | 5    | <b>0247400000</b> |
| <b>Width</b>            |         |      |                   |
| EP 2 SAKG46/32 HP/DBR   | 2 mm    | 10   | <b>0205300000</b> |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm    | 10   | <b>0205400000</b> |
| <b>Width</b>            |         |      |                   |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |

DEK 5/5

**SAKG 54 II GW**

**240 mm<sup>2</sup>**



54 x 122 x 60,5  
**415 / 240**  
**10...240**



IEC 60947-7-1

| IEC   | UL  | CSA |
|-------|---|-----|
| 1000  | 600   | 600 |
| 415   | 380   | 600 |
| 240   | kcmil 300...kcmil 500 kcmil 300...kcmil 500 |     |
| 8 / 3 |   |     |
| / 5VA |   |     |



**Rated connection**

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 .. 240 mm<sup>2</sup>

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKG 54 II/GW | 5    | <b>0185420000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| QL 2 SAKG54             | 415 A   | 5    | <b>0264400000</b> |
| QL 3 SAKG54             | 415 A   | 5    | <b>0408000000</b> |
| QL 4 SAKG54             | 415 A   | 5    | <b>0247400000</b> |
| <b>Width</b>            |         |      |                   |
| EP 2 SAKG46/32 HP/DBR   | 2 mm    | 10   | <b>0205300000</b> |
| EP 2 SAKG46/32 HP/TF/GE | 2 mm    | 10   | <b>0205400000</b> |
| <b>Width</b>            |         |      |                   |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | <b>0177100000</b> |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | <b>0179900000</b> |

DEK 5/5

## Stud terminal - KST

## TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

Tightening torque range (clamping screw)

## Note

## Ordering data

| Version |             |
|---------|-------------|
|         | TS 35 x 7,5 |
| Note    |             |

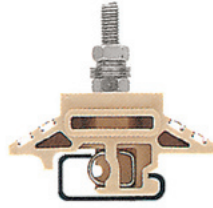
## Accessories

| Screwable cross-connection |        |
|----------------------------|--------|
|                            | 2-pole |
| Partition plate            |        |
|                            | left   |
|                            | right  |

**Marking systems** (see assortment in catalogue 7)  
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## KST 5

10 mm<sup>2</sup>

24 x 60 x 55  
57 /



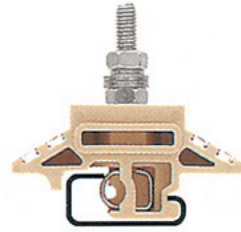
| IEC  | UL         | CSA       |
|------|------------|-----------|
| 1000 | 600        | 600       |
| 57   | 50         | 65        |
| 10   | AWG 12...6 | AWG 8...2 |
|      | 8 / 3      |           |
|      | / V2       |           |



## Rated connection

2.0...4.0 Nm

## KST 6

16 mm<sup>2</sup>

22 x 60 x 60  
76 /  
...



| IEC  | UL         | CSA        |
|------|------------|------------|
| 1000 | 600        | 600        |
| 76   | 65         | 80         |
| 16   | AWG 12...6 | AWG 12...6 |
|      | 8 / 3      |            |
|      | / V2       |            |



## Rated connection

3.0...6.0 Nm

| Type  | Qty. | Order No.  |
|-------|------|------------|
| KST 5 | 25   | 9503370000 |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| KST 6 | 25   | 9501310000 |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| Width                   |      |            |
| TW KST5-12 LI/NO 160/HM | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM | 10   | 1718530000 |

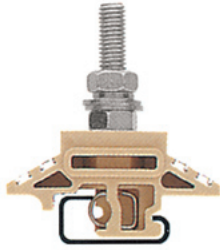
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST6               |         | 5    | 9501350000 |
| Width                   |         |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

DEK 5/5

**KST 8**

**35 mm<sup>2</sup>**



24 x 60 x 72

125 /

...



| IEC  | UL         | CSA        |
|------|------------|------------|
| 1000 | 600        | 600        |
| 125  | 115        | 130        |
| 35   | AWG 12...2 | AWG 12...2 |
|      | 8 / 3      |            |
|      | / V2       |            |



**Rated connection**

6.0...12 Nm

| Type  | Qty. | Order No.  |
|-------|------|------------|
| KST 8 | 25   | 9501320000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST8               |         | 5    | 9501360000 |
| <b>Width</b>            |         |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

**KST 10**

**70 mm<sup>2</sup>**



34 x 60 x 82

192 /

...



| IEC  | UL           | CSA          |
|------|--------------|--------------|
| 1000 | 600          | 600          |
| 192  | 175          | 200          |
| 70   | AWG 12...2/0 | AWG 12...2/0 |
|      | 8 / 3        |              |
|      | / V2         |              |



**Rated connection**

10...20 Nm

| Type   | Qty. | Order No.  |
|--------|------|------------|
| KST 10 | 20   | 9501330000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST10              |         | 5    | 9501370000 |
| <b>Width</b>            |         |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

**KST 12**

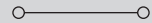
**95 mm<sup>2</sup>**



34 x 60 x 82

232 /

...



| IEC  | UL         | CSA          |
|------|------------|--------------|
| 1000 | 600        | 600          |
| 232  | 200        | 250          |
| 95   | AWG 12...3 | AWG 12...3/0 |
|      | 8 / 3      |              |
|      | / V2       |              |



**Rated connection**

14...31 Nm

| Type   | Qty. | Order No.  |
|--------|------|------------|
| KST 12 | 20   | 9501340000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST12              | 232 A   | 5    | 9501380000 |
| <b>Width</b>            |         |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

## Terminals with electronic components

## with indication

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Electronic fixtures

|   |      |
|---|------|
| Diode reverse voltage / Diode current         | -    |
| Operating voltage for display, min. / Current | V/mA |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

| Version |           |
|---------|-----------|
|         | Red LED   |
|         | Green LED |
|         | Neon lamp |

## Note

## Accessories

## Screwable cross-connection



| Type     | current | Qty. | Order No.  |
|----------|---------|------|------------|
| Q 2 AKZ4 | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4 | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4 | 32 A    | 50   | 0336600000 |

## External cross-connection

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA6 IS | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS | 27 A    | 50   | 0482900000 |

## Switchable link

|                   |                       |     |            |
|-------------------|-----------------------|-----|------------|
| Mounting screw    | BFSC M2.5X14 SAKD2.5N | 100 | 0266800000 |
| Switchable link   | VL 2 AKZ4/DK4         | 50  | 0446700000 |
| Connecting sleeve | VH 10/4/2.8 AKZ4      | 50  | 0446600000 |

## Testing / Checking

|           | Width  |    |            |
|-----------|--------|----|------------|
| Test plug | 5.4 mm | 20 | 0180400000 |
| Socket    |        | 50 | 0215700000 |

## End plate / Partition plate

|        |        |    |            |
|--------|--------|----|------------|
| AP DK4 | 1.5 mm | 20 | 0359260000 |
|--------|--------|----|------------|

## Small partition

|             |      |     |            |
|-------------|------|-----|------------|
| TSCH 4 AKZ4 | 6 mm | 100 | 0363360000 |
|-------------|------|-----|------------|

## Marking systems (see assortment in catalogue 7)

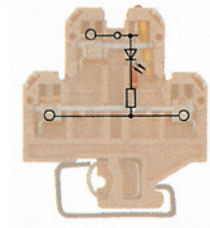
|              |         |
|--------------|---------|
| Marking tags | DEK 5/6 |
|--------------|---------|

## For detailed information on other accessories and applications, refer to the „Accessories“ section

## DK 4 LD/1

4 mm<sup>2</sup>

## DC voltage indicator



|               |  |
|---------------|--|
| 6 x 50 x 56.5 |  |
| 10 / 4        |  |
| 0.5...4       |  |

IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 24  |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

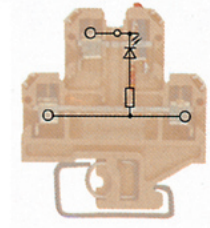
## Rated connection

|                    |
|--------------------|
| 0.5...4 / 0.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...1.0 Nm (M 3) |
| 9 / 0.6 x 3.5 mm   |

## DK 4 LD/2

4 mm<sup>2</sup>

## DC voltage indicator



|               |  |
|---------------|--|
| 6 x 50 x 56.5 |  |
| 10 / 4        |  |
| 0.5...4       |  |

IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 24  |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

## Rated connection

|                    |
|--------------------|
| 0.5...4 / 0.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...1.0 Nm (M 3) |
| 9 / 0.6 x 3.5 mm   |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| DK 4/32 LD ROT 24VDC A1 | 25   | 0495360000 |
| DK 4/32 LD ROT 24VDC A2 | 25   | 0474460000 |
| DK 4/32 LD GR 24VDC A2  | 25   | 0646560000 |

## Note

| Type     | current | Qty. | Order No.  |
|----------|---------|------|------------|
| Q 2 AKZ4 | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4 | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4 | 32 A    | 50   | 0336600000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA6 IS | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS | 27 A    | 50   | 0482900000 |

|                       |     |            |
|-----------------------|-----|------------|
| BFSC M2.5X14 SAKD2.5N | 100 | 0266800000 |
| VL 2 AKZ4/DK4         | 50  | 0446700000 |
| VH 10/4/2.8 AKZ4      | 50  | 0446600000 |

|                         | Width  |    |            |
|-------------------------|--------|----|------------|
| PS 2.3 RT               | 5.4 mm | 20 | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50 | 0215700000 |

|        |        |    |            |
|--------|--------|----|------------|
| AP DK4 | 1.5 mm | 20 | 0359260000 |
|--------|--------|----|------------|

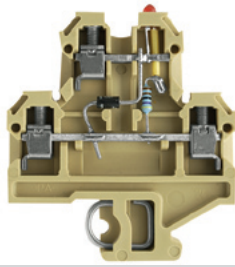
|             |      |     |            |
|-------------|------|-----|------------|
| TSCH 4 AKZ4 | 6 mm | 100 | 0363360000 |
|-------------|------|-----|------------|

DEK 5/6

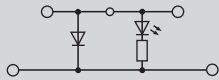
**DK 4 LD/3**

4 mm<sup>2</sup>

DC voltage indicator



6 x 50 x 56.5  
10 / 4  
0.5...4



IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 24  |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

**Rated connection**

0.5...4 / 0.5...4  
0.5...4 / 0.5...4  
0.5...1.0 Nm (M 3)  
9 / 0.6 x 3.5 mm

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| DK 4/32 LD ROT 24VDC | 25   | 0210160000 |

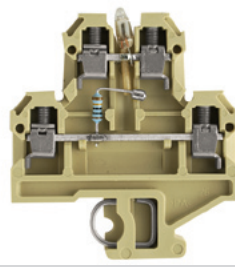
| Type                    | current      | Qty. | Order No.  |
|-------------------------|--------------|------|------------|
| Q 2 AKZ4                | 32 A         | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A         | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A         | 50   | 0336600000 |
| QB 2 WI RA6 IS          | 27 A         | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A         | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A         | 50   | 0482900000 |
| BFSC M2.5X14 SAKD2.5N   |              | 100  | 0266800000 |
| VL 2 AKZ4/DK4           |              | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |              | 50   | 0446600000 |
|                         | <b>Width</b> |      |            |
| PS 2.3 RT               | 5.4 mm       | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |              | 50   | 0215700000 |
| AP DK4                  | 1.5 mm       | 20   | 0359260000 |
| TSCH 4 AKZ4             | 6 mm         | 100  | 0363360000 |

DEK 5/6

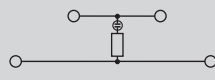
**DK 4 GL**

4 mm<sup>2</sup>

AC voltage indicator



6 x 50 x 56.5  
10 / 4  
0.33...4



IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 115 |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

**Rated connection**

0.5...4 / 0.5...4  
0.5...4 / 0.5...4  
0.5...1.0 Nm (M 3)  
9 / 0.6 x 3.5 mm

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| DK 4/32 GL 100K 115VAC | 25   | 0569560000 |

| Type                    | current      | Qty. | Order No.  |
|-------------------------|--------------|------|------------|
| Q 2 AKZ4                | 32 A         | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A         | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A         | 50   | 0336600000 |
| QB 2 WI RA6 IS          | 27 A         | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A         | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A         | 50   | 0482900000 |
| BFSC M2.5X14 SAKD2.5N   |              | 100  | 0266800000 |
| VL 2 AKZ4/DK4           | 32 A         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |              | 50   | 0446600000 |
|                         | <b>Width</b> |      |            |
| PS 2.3 RT               | 5.4 mm       | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |              | 50   | 0215700000 |
| AP DK4                  | 1.5 mm       | 20   | 0359260000 |
| TSCH 4 AKZ4             | 6 mm         | 100  | 0363360000 |

DEK 5/6

## Terminals with electronic components

## with diodes

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | A               |
| Operating voltage for display, min. / Current  | -/A             |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

| Version |         |
|---------|---------|
|         | Red LED |
| Note    |         |

## Accessories

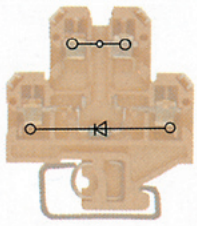
| Screwable cross-connection  |        |
|---|--------|
|  | 2-pole |
|   | 3-pole |
|   | 4-pole |
| External cross-connection   |        |
|   | 2-pole |
|   | 3-pole |
|   | 4-pole |
| Switchable link   |        |
| Mounting screw  |        |
| Switchable link   |        |
| Connecting sleeve   |        |
| Testing / Checking  |        |
| Test plug   |        |
| Socket  |        |
| End plate / Partition plate   |        |
| beige   |        |
| Small partition   |        |
| Small partition   |        |

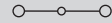


| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |


## DK 4 D/1

4 mm<sup>2</sup>

Diode terminal, e.g. as reverse polarity protection



|               |   |
|---------------|---|
| 6 x 50 x 56.5 |  |
| 10 / 4        |  |
| 0.33...4      |  |

| IEC   | UL | CSA         |
|---|----|-------------|
| 380   |    | 300         |
| 10  |    | 10          |
| 4   |    | AWG 22...12 |
|   |    | / 3         |
|   |    | A3 / V2     |
|  |    |             |
| 1000 / 1  |    |             |
| Rated connection  |    |             |
| 0.5...4 / 0.5...4   |    |             |
| 0.5...4 / 0.5...4   |    |             |
| 0.5...0.8 Nm (M 3)  |    |             |
| 9 / 0.6 x 3.5 mm  |    |             |
| Diode current: max 1A. (1 N 4007)   |    |             |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| DK 4/32 1D CSA GET.SCH. | 25   | 0544660000 |

| Type                    | current | Qty.       | Order No.  |
|-------------------------|---------|------------|------------|
| Q 2 AKZ4                | 32 A    | 50         | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50         | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50         | 0336600000 |
| QB                      |         |            |            |
| QB 2 WI RA6 IS          | 27 A    | 50         | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50         | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50         | 0482900000 |
| BFSC                    |         |            |            |
| BFSC M2.5X14 SAKD2.5N   |         | 100        | 0266800000 |
| VL 2 AKZ4/DK4           | 32 A    | 50         | 0446700000 |
| VH 10/4/2.8 AKZ4        | 50      | 0446600000 |            |
| Width                   |         |            |            |
| PS 2.3 RT               | 5.4 mm  | 20         | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ | 50      | 0215700000 |            |
| AP                      |         |            |            |
| AP DK4                  | 1.5 mm  | 20         | 0359260000 |
| TSCH                    |         |            |            |
| TSCH 4 AKZ4             | 6 mm    | 100        | 0363360000 |

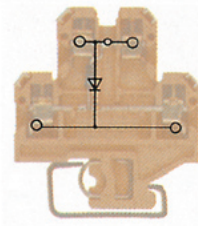
| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

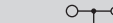
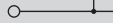

DEK 5/6


## DK 4 D/2

4 mm<sup>2</sup>

Suppressor circuit for contactor and solenoid valve (DC voltage)



|               |   |
|---------------|---|
| 6 x 50 x 56.5 |  |
| 10 / 4        |  |
| 0.33...4      |  |

| IEC   | UL | CSA         |
|---|----|-------------|
| 380   |    | 300         |
| 10  |    | 10          |
| 4   |    | AWG 22...12 |
|   |    | / 3         |
|   |    | A3 / V2     |
|  |    |             |
| 1000 / 1  |    |             |
| Rated connection  |    |             |
| 0.5...4 / 0.5...4   |    |             |
| 0.5...4 / 0.5...4   |    |             |
| 0.5...0.8 Nm (M 3)  |    |             |
| 9 / 0.6 x 3.5 mm  |    |             |
| Diode current: max 1A. (1 N 4007)   |    |             |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| DK 4/32 1D CSA A1 | 25   | 0484060000 |

| Type                    | current | Qty.       | Order No.  |
|-------------------------|---------|------------|------------|
| Q 2 AKZ4                | 32 A    | 50         | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50         | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50         | 0336600000 |
| QB                      |         |            |            |
| QB 2 WI RA6 IS          | 27 A    | 50         | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50         | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50         | 0482900000 |
| BFSC                    |         |            |            |
| BFSC M2.5X14 SAKD2.5N   |         | 100        | 0266800000 |
| VL 2 AKZ4/DK4           | 32 A    | 50         | 0446700000 |
| VH 10/4/2.8 AKZ4        | 50      | 0446600000 |            |
| Width                   |         |            |            |
| PS 2.3 RT               | 5.4 mm  | 20         | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ | 50      | 0215700000 |            |
| AP                      |         |            |            |
| AP DK4                  | 1.5 mm  | 20         | 0359260000 |
| TSCH                    |         |            |            |
| TSCH 4 AKZ4             | 6 mm    | 100        | 0363360000 |

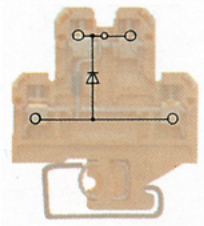
| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

DEK 5/6

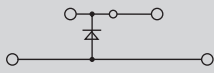
**DK 4 D/3**

4 mm<sup>2</sup>

Suppressor circuit for contactor and solenoid valve (DC voltage)



6 x 50 x 56.5  
10 / 4  
0.33...4



| IEC                               | UL | CSA |
|-----------------------------------|----|-----|
| 380                               |    | 300 |
| 10                                |    | 10  |
| 4                                 |    |     |
| / 3                               |    |     |
| A3 / V2                           |    |     |
|                                   |    |     |
| 1000 / 1                          |    |     |
| Rated connection                  |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...0.8 Nm (M 3)                |    |     |
| 9 / 0.6 x 3.5 mm                  |    |     |
| Diode current: max 1A. (1 N 4007) |    |     |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| DK 4/32 1D CSA A2 | 25   | 0467960000 |

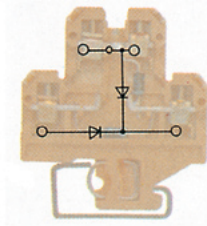
| Type                    | current | Qty.       | Order No.  |
|-------------------------|---------|------------|------------|
| Q 2 AKZ4                | 32 A    | 50         | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50         | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50         | 0336600000 |
|                         |         |            |            |
| QB 2 WI RA6 IS          | 27 A    | 50         | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50         | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50         | 0482900000 |
|                         |         |            |            |
| BFSC M2.5X14 SAKD2.5N   | 100     | 0266800000 |            |
| VL 2 AKZ4/DK4           | 50      | 0446700000 |            |
| VH 10/4/2.8 AKZ4        | 50      | 0446600000 |            |
| Width                   |         |            |            |
| PS 2.3 RT               | 5.4 mm  | 20         | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ | 50      | 0215700000 |            |
|                         |         |            |            |
| AP DK4                  | 1.5 mm  | 20         | 0359260000 |
|                         |         |            |            |
| TSCH 4 AKZ4             | 6 mm    | 100        | 0363360000 |

|         |
|---------|
| DEK 5/6 |
|---------|

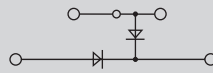
**DK 4 D/4**

4 mm<sup>2</sup>

Diode terminal for lamp test circuits



6 x 50 x 56.5  
10 / 4  
0.33...4



| IEC                               | UL | CSA |
|-----------------------------------|----|-----|
| 380                               |    | 300 |
| 10                                |    | 10  |
| 4                                 |    |     |
| / 3                               |    |     |
| A3 / V2                           |    |     |
|                                   |    |     |
| 1000 / 1                          |    |     |
| Rated connection                  |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...0.8 Nm (M 3)                |    |     |
| 9 / 0.6 x 3.5 mm                  |    |     |
| Diode current: max 1A. (1 N 4007) |    |     |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| DK 4/32 2D CSA GET.SCH. | 25   | 0642760000 |

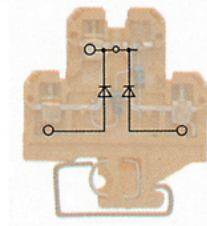
| Type                    | current | Qty.       | Order No.  |
|-------------------------|---------|------------|------------|
| Q 2 AKZ4                | 32 A    | 50         | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50         | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50         | 0336600000 |
|                         |         |            |            |
| QB 2 WI RA6 IS          | 27 A    | 50         | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50         | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50         | 0482900000 |
|                         |         |            |            |
| BFSC M2.5X14 SAKD2.5N   | 100     | 0266800000 |            |
| VL 2 AKZ4/DK4           | 50      | 0446700000 |            |
| VH 10/4/2.8 AKZ4        | 50      | 0446600000 |            |
| Width                   |         |            |            |
| PS 2.3 RT               | 5.4 mm  | 20         | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ | 50      | 0215700000 |            |
|                         |         |            |            |
| AP DK4                  | 1.5 mm  | 20         | 0359260000 |
|                         |         |            |            |
| TSCH 4 AKZ4             | 6 mm    | 100        | 0363360000 |

|         |
|---------|
| DEK 5/6 |
|---------|

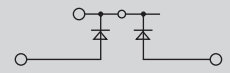
**DK 4 D/5**

4 mm<sup>2</sup>

Diode terminal for lamp test circuits



6 x 50 x 56.5  
10 / 4  
0.33...4



| IEC                               | UL | CSA |
|-----------------------------------|----|-----|
| 380                               |    | 300 |
| 10                                |    | 10  |
| 4                                 |    |     |
| / 3                               |    |     |
| A3 / V2                           |    |     |
|                                   |    |     |
| 1000 / 1                          |    |     |
| Rated connection                  |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...0.8 Nm (M 3)                |    |     |
| 9 / 0.6 x 3.5 mm                  |    |     |
| Diode current: max 1A. (1 N 4007) |    |     |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| DK 4/32 2D CSA A2 | 25   | 0523760000 |

| Type                    | current | Qty.       | Order No.  |
|-------------------------|---------|------------|------------|
| Q 2 AKZ4                | 32 A    | 50         | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50         | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50         | 0336600000 |
|                         |         |            |            |
| QB 2 WI RA6 IS          | 27 A    | 50         | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50         | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50         | 0482900000 |
|                         |         |            |            |
| BFSC M2.5X14 SAKD2.5N   | 100     | 0266800000 |            |
| VL 2 AKZ4/DK4           | 32 A    | 50         | 0446700000 |
| VH 10/4/2.8 AKZ4        | 50      | 0446600000 |            |
| Width                   |         |            |            |
| PS 2.3 RT               | 5.4 mm  | 20         | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ | 50      | 0215700000 |            |
|                         |         |            |            |
| AP DK4                  | 1.5 mm  | 20         | 0359260000 |
|                         |         |            |            |
| TSCH 4 AKZ4             | 6 mm    | 100        | 0363360000 |

|         |
|---------|
| DEK 5/6 |
|---------|

## Terminals with electronic components

## with diodes

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | A               |
| Operating voltage for display, min. / Current  | -/A             |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

## Ordering data

| Version |         |
|---------|---------|
|         | Red LED |
| Note    |         |

## Accessories

| Screwable cross-connection  |                 |
|---|-----------------|
|  | 2-pole          |
|   | 3-pole          |
|   | 4-pole          |
| External cross-connection   |                 |
|   | 2-pole          |
|   | 3-pole          |
|   | 4-pole          |
| Switchable link   |                 |
| Mounting screw  |                 |
| Switchable link   |                 |
| Connecting sleeve   |                 |
| Testing / Checking  |                 |
| Test plug   |                 |
| Socket  |                 |
| End plate / Partition plate   |                 |
|   | beige           |
| Small partition   |                 |
|   | Small partition |

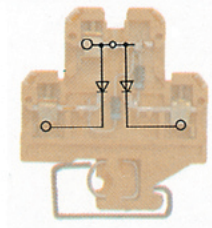
**Marking systems** (see assortment in catalogue 7)  
Marking tags

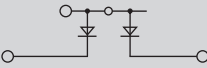
**For detailed information on other accessories and applications, refer to the „Accessories“ section**


## DK 4 D/6

4 mm<sup>2</sup>

## Diode terminal for lamp test circuits



|                 |   |
|-----------------|---|
| 6 x 50 x 56.5   |  |
| <b>10 / 4</b>   |   |
| <b>0.33...4</b> |   |

| IEC   | UL      | CSA |
|---|---------|-----|
| 380   |         | 300 |
| 10  |         | 10  |
| 4   |         |     |
|   | / 3     |     |
|   | A3 / V2 |     |
|  |         |     |
| 1000 / 1  |         |     |
| Rated connection  |         |     |
| 0.5...4 / 0.5...4   |         |     |
| 0.5...4 / 0.5...4   |         |     |
| 0.5...0.8 Nm (M 3)  |         |     |
| 9 / 0.6 x 3.5 mm  |         |     |
| Diode current: max 1A. (1 N 4007)   |         |     |

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| DK 4/32 2D A1 | 25   | <b>0663960000</b> |

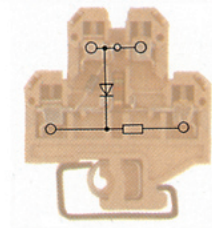
| Type                        | current | Qty. | Order No.         |
|-----------------------------|---------|------|-------------------|
| Q 2 AKZ4                    | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                    | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                    | 32 A    | 50   | <b>0336600000</b> |
| External cross-connection   |         |      |                   |
| QB 2 WI RA6 IS              | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS              | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS              | 27 A    | 50   | <b>0482900000</b> |
| Switchable link             |         |      |                   |
| BFSC M2.5X14 SAKD2.5N       |         | 100  | <b>0266800000</b> |
| VL 2 AKZ4/DK4               |         | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4            |         | 50   | <b>0446600000</b> |
| Testing / Checking          |         |      |                   |
| PS 2.3 RT                   | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ     |         | 50   | <b>0215700000</b> |
| End plate / Partition plate |         |      |                   |
| AP DK4                      | 1.5 mm  | 20   | <b>0359260000</b> |
| Small partition             |         |      |                   |
| TSCH 4 AKZ4                 | 6 mm    | 100  | <b>0363360000</b> |

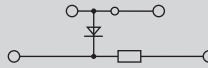
DEK 5/6


## DK 4 D/7

4 mm<sup>2</sup>

## Diode terminal for lamp test circuits, with protective resistor



|                 |   |
|-----------------|---|
| 6 x 50 x 56.5   |  |
| <b>10 / 4</b>   |   |
| <b>0.33...4</b> |   |

| IEC   | UL      | CSA |
|---|---------|-----|
| 24  |         | 300 |
| 10  |         | 10  |
| 4   |         |     |
|   | / 3     |     |
|   | A3 / V2 |     |
|  |         |     |
| / 1   |         |     |
| Rated connection  |         |     |
| 0.5...4 / 0.5...4   |         |     |
| 0.5...4 / 0.5...4   |         |     |
| 0.5...0.8 Nm (M 3)  |         |     |
| 9 / 0.6 x 3.5 mm  |         |     |
| Diode current: max 1A. (1 N 4007)   |         |     |

| Type           | Qty. | Order No.         |
|----------------|------|-------------------|
| DK 4/32 1D 1K5 | 25   | <b>0685260000</b> |

| Type                        | current | Qty. | Order No.         |
|-----------------------------|---------|------|-------------------|
| Q 2 AKZ4                    | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                    | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                    | 32 A    | 50   | <b>0336600000</b> |
| External cross-connection   |         |      |                   |
| QB 2 WI RA6 IS              | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS              | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS              | 27 A    | 50   | <b>0482900000</b> |
| Switchable link             |         |      |                   |
| BFSC M2.5X14 SAKD2.5N       |         | 100  | <b>0266800000</b> |
| VL 2 AKZ4/DK4               |         | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4            |         | 50   | <b>0446600000</b> |
| Testing / Checking          |         |      |                   |
| PS 2.3 RT                   | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ     |         | 50   | <b>0215700000</b> |
| End plate / Partition plate |         |      |                   |
| AP DK4                      | 1.5 mm  | 20   | <b>0359260000</b> |
| Small partition             |         |      |                   |
| TSCH 4 AKZ4                 | 6 mm    | 100  | <b>0363360000</b> |

DEK 5/6

with electronic components

DK 4 RC

4 mm<sup>2</sup>

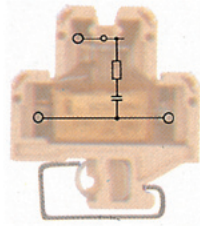
DKT 4 PT 100

4 mm<sup>2</sup>

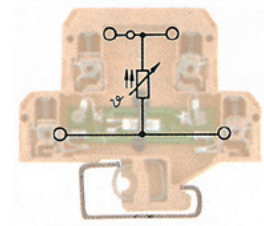
Diode terminal for central control and communication system

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS32x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |



|                |
|----------------|
| 18 x 50 x 56.5 |
| 10 / 4         |
| 0.33...4       |



|               |
|---------------|
| 6 x 65 x 56.5 |
| 10 / 4        |
| 0.33...4      |

Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

| IEC  | UL      | CSA |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
|--|---------|-----|------------------|--|--|--|-------------------|--|--|--|-------------------|--|--|--|--------------------|--|--|--|------------------|--|--|--|
| 230  |         |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
| 10   |         |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
| 4  |         |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
|  | / 3     |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
|  | A3 / V2 |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
| <table border="1"> <thead> <tr> <th colspan="4">Rated connection</th> </tr> </thead> <tbody> <tr> <td>0.5...4 / 0.5...4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.5...4 / 0.5...4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.5...0.8 Nm (M 3)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9 / 0.6 x 3.5 mm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |         |     | Rated connection |  |  |  | 0.5...4 / 0.5...4 |  |  |  | 0.5...4 / 0.5...4 |  |  |  | 0.5...0.8 Nm (M 3) |  |  |  | 9 / 0.6 x 3.5 mm |  |  |  |
| Rated connection   |         |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
| 0.5...4 / 0.5...4  |         |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
| 0.5...4 / 0.5...4  |         |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
| 0.5...0.8 Nm (M 3)   |         |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |
| 9 / 0.6 x 3.5 mm   |         |     |                  |  |  |  |                   |  |  |  |                   |  |  |  |                    |  |  |  |                  |  |  |  |

| IEC  | UL      | CSA |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
|--|---------|-----|------------------|--|--|--|-------------------|--|--|--|---------------------|--|--|--|----------------------|--|--|--|------------------|--|--|--|
| 250  |         |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
| 10   |         |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
| 4  |         |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
|  | / 3     |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
|  | A3 / V2 |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
| <table border="1"> <thead> <tr> <th colspan="4">Rated connection</th> </tr> </thead> <tbody> <tr> <td>0.5...4 / 0.5...4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.5...4 / 0.5...2.5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.4...0.7 Nm (M 2.5)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6 / 0.6 x 3.5 mm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |         |     | Rated connection |  |  |  | 0.5...4 / 0.5...4 |  |  |  | 0.5...4 / 0.5...2.5 |  |  |  | 0.4...0.7 Nm (M 2.5) |  |  |  | 6 / 0.6 x 3.5 mm |  |  |  |
| Rated connection   |         |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
| 0.5...4 / 0.5...4  |         |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
| 0.5...4 / 0.5...2.5  |         |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
| 0.4...0.7 Nm (M 2.5)   |         |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |
| 6 / 0.6 x 3.5 mm   |         |     |                  |  |  |  |                   |  |  |  |                     |  |  |  |                      |  |  |  |                  |  |  |  |


Ordering data

| Version | Note |
|---------|------|
| Red LED |      |

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| DK 4/32 RC 220R/220NF | 5    | 0692160000 |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| DKT 4/32 PT100 | 10   | 8014730000 |

Accessories

| Screwable cross-connection  |                 |
|---|-----------------|
|  | 2-pole          |
|   | 3-pole          |
|   | 4-pole          |
| External cross-connection   |                 |
|   | 2-pole          |
|   | 3-pole          |
|   | 4-pole          |
| End plate / Partition plate   |                 |
|   | beige           |
| Testing / Checking  |                 |
|   | Test plug       |
|   | Socket          |
| Small partition   |                 |
|   | Small partition |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
|                         |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
|                         |         |      |            |
| <b>Width</b>            |         |      |            |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
|                         |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
|                         |         |      |            |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
|                         |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
|                         |         |      |            |
| <b>Width</b>            |         |      |            |
| AP DKT4 PA              | 1.5 mm  | 20   | 0687560000 |
|                         |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
|                         |         |      |            |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

|         |
|---------|
| DEK 5/6 |
|---------|

|         |
|---------|
| DEK 5/6 |
|---------|

## Earth conductor isolating terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

## Ordering data

## Version

40...60V~

## Note

## Accessories

## End bracket

Dark beige Wemid

## SAKT E

6 mm<sup>2</sup>

green LED



19 x 65 x 53.5

27 / 10

0.5...10

| IEC | UL       | CSA |
|-----|----------|-----|
| 60  |          |     |
| 27  |          |     |
| 6   |          |     |
|     | / 3      |     |
|     | A5 / 5VA |     |

## Rated connection

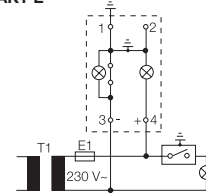
|                      |
|----------------------|
| 0.5...10             |
| 0.5...6 / 0.5...6    |
| 0.8...1.6 Nm (M 3.5) |
| / 4.0 x 0.8 mm       |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| SAKT E/32 2LD 60VAC | 5    | 0699020000 |

| Type  | Width | Qty. | Order No.  |
|-------|-------|------|------------|
| EWK 1 | 9 mm  | 50   | 0206160000 |

## Operating mode

SAKT E

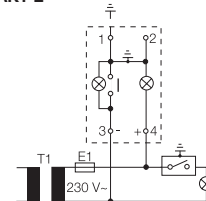


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

## Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.

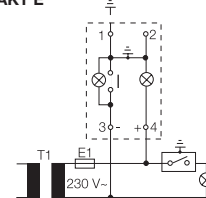
SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

## Operational malfunction

SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

To safe the test sockets use the SD-blade or bits with pilots!

# SAK-Series combination foot TS 35 + TS 32

|  |  |     |
|--|--|-----|
| <b>SAK-Series combination foot<br/>TS 35 + TS 32</b> | <b>Feed-through modular terminals</b>      |     |
|  | TS 35 + TS 32 / PA                         | C.2 |
|  | <b>Stud terminals</b>                      | C.6 |
|  | <b>Fuse terminals</b>                      |     |
|  | TS 35 + TS 32 / PA                         | C.7 |
|  | <b>Earth conductor isolating terminals</b> | C.8 |

## Feed-through modular terminals

## TS 35 + TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|   |                 |
|---|-----------------|
| <b>Rated data</b>                                       |                 |
| Rated voltage   | V               |
| Rated current   | A               |
| Rated cross-section                                     | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity              | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class          |                 |
| Approvals   |                 |
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| Tightening torque range (clamping screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| <b>Note</b>   |                 |

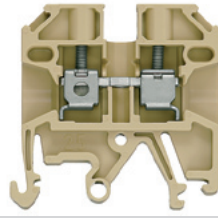
## Ordering data

|                |       |
|----------------|-------|
| <b>Version</b> |       |
|                | beige |
|                | Blue  |
| <b>Note</b>    |       |

## Accessories

|   |                                 |
|---|---------------------------------|
| <b>Screwable cross-connection</b>   |                                 |
|   | 2-pole                          |
|   | 3-pole                          |
|   | 4-pole                          |
|   | 10-pole                         |
|   | Connecting sleeve               |
|   | Mounting screw                  |
|   | Lock washer                     |
| <b>Switchable link</b>  |                                 |
|   | Switchable link                 |
|   | Connecting sleeve               |
|   | Mounting screw                  |
| <b>Testing / Checking</b>   |                                 |
|   | Test plug                       |
|   | Socket                          |
| <b>End plate / Partition plate</b>  |                                 |
|   | beige                           |
|   | Blue                            |
|   | beige                           |
|   | Blue                            |
| <b>Small partition</b>  |                                 |
|   | Small partition                 |
| <b>Cover / warning label</b>  |                                 |
|   | Cover / warning label           |
|   | Mounting screw (plastic)        |
| <b>Marking systems</b>  | (see assortment in catalogue 7) |
|   | Marking tags                    |
| <b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b> |                                 |

## SAK 2.5/EN

2.5 mm<sup>2</sup>

|                   |  |
|-------------------|--|
| 6.1 x 44.5 x 42.5 |  |
| 41 / 6            |  |
| 0.13...6          |  |

IEC 60947-7-1 Ex e ll  II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 800     | 600         | 600         | 550        |
| 24      | 25          | 25          | 21         |
| 2.5     | AWG 22...12 | AWG 26...10 | 2.5        |
| 8 / 3   |             |             |            |
| A3 / V2 |             |             |            |

 KEMA 97ATEX1798 U

|                         |  |
|-------------------------|--|
| <b>Rated connection</b> |  |
| 0.5...6 / 0.5...4       |  |
| 0.5...4 / 0.5...4       |  |
| 0.4...0.6 Nm (M 2.5)    |  |
| 10 / 0.6 x 3.5 mm       |  |
| ...1.5                  |  |

With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.

|               |             |                  |
|---------------|-------------|------------------|
| <b>Type</b>   | <b>Qty.</b> | <b>Order No.</b> |
| SAK 2.5/EN    | 100         | 0218660000       |
| SAK 2.5/EN BL | 100         | 0218680000       |

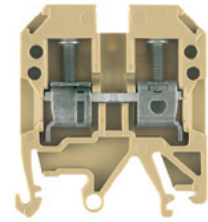
| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| Q 2 SAK2.5  | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5  | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5  | 41 A    | 50   | 0337200000 |
| Q 10 SAK2.5 | 41 A    | 20   | 0368700000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/5/2.3/M3 SAK2.5 |         | 50   | 0280600000 |
| AP SAK2.5/35 + AST3+4   | 1.5 mm  | 20   | 0460560000 |
| TW SAK2.5               | 2.5 mm  | 20   | 0302860000 |
| TW SAK2.5 BL            | 1.5 mm  | 20   | 0302880000 |

| Type             | Width | Qty. | Order No.  |
|------------------|-------|------|------------|
| TSCH 1           | 2 mm  | 100  | 0319160000 |
| AD 3 SAK2.5      |       | 50   | 0297900000 |
| BFSC M3X22 PA/RT |       | 100  | 0128900000 |

DEK 5/6

## SAK 4/EN

4 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 6.5 x 42 x 47.5 |  |
| 41 / 6          |  |
| 0.13...6        |  |

IEC 60947-7-1 Ex e ll  II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 800     | 600         | 600         | 690        |
| 32      | 30          | 36          | 28         |
| 4       | AWG 22...12 | AWG 26...10 | 4          |
| 8 / 3   |             |             |            |
| A4 / V2 |             |             |            |

 KEMA 97ATEX1798 U

|                         |  |
|-------------------------|--|
| <b>Rated connection</b> |  |
| 0.5...6 / 0.5...4       |  |
| 0.5...4 / 0.5...4       |  |
| 0.5...1.0 Nm (M 3)      |  |
| 12 / 0.6 x 3.5 mm       |  |
| 1.5...1.5               |  |
| 0.5...1.5               |  |

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

|             |             |                  |
|-------------|-------------|------------------|
| <b>Type</b> | <b>Qty.</b> | <b>Order No.</b> |
| SAK 4/EN    | 100         | 0467460000       |
| SAK 4/EN BL | 100         | 0467480000       |

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| Q 2 SAK4  | 41 A    | 50   | 0336700000 |
| Q 3 SAK4  | 41 A    | 50   | 0336800000 |
| Q 4 SAK4  | 41 A    | 50   | 0336900000 |
| Q 10 SAK4 | 41 A    | 20   | 0368800000 |

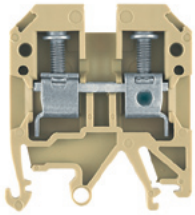
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| VL 2 SAK4               | 32 A    | 50   | 0197000000 |
| VH 19/5/3.5 SAK4-16     |         | 50   | 0285100000 |
| BFSC M3X25              |         | 100  | 0292500000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| AP SAK4-10              | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL           | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10            | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL         | 1.5 mm  | 20   | 0130180000 |

| Type             | Width | Qty. | Order No.  |
|------------------|-------|------|------------|
| TSCH 1           | 2 mm  | 100  | 0319160000 |
| AD 4 SAK4        |       | 50   | 0285300000 |
| BFSC M3X22 PA/RT |       | 100  | 0128900000 |

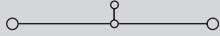
DEK 5/6

SAK 6/EN

6 mm<sup>2</sup>



8 x 40 x 47.5  
57 / 10  
0.33...10



IEC 60947-7-1 Ex e II II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 800     | 600        | 600        | 690        |
| 41      | 40         | 47         | 36         |
| 6       | AWG 22...8 | AWG 26...6 | 6          |
| 8 / 3   |            |            |            |
| A5 / V2 |            |            |            |

KEMA 97ATEX1798 U

| Rated connection     |  |
|----------------------|--|
| 0.5...10 / 0.5...6   |  |
| 0.5...10 / 0.5...6   |  |
| 0.8...1.6 Nm (M 3.5) |  |
| 12 / 4.0 x 0.8 mm    |  |

For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| SAK 6/EN    | 100  | 0212860000 |
| SAK 6/EN BL | 100  | 0212880000 |

With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used.

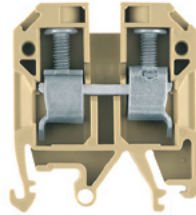
| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK6N            | 32 A    | 50   | 0456700000 |
| Q 3 SAK6N            | 57 A    | 50   | 0456800000 |
| Q 4 SAK6N            | 57 A    | 50   | 0456900000 |
| Q 10 SAK6N           | 32 A    | 20   | 0457000000 |
|                      |         |      |            |
|                      |         |      |            |
| VL 2 SAK6N/SAKT      | 32 A    | 50   | 0194700000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
|                      |         |      |            |
| AP SAK4-10           | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL        | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10         | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL      | 1.5 mm  | 20   | 0130180000 |
|                      |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
|                      |         |      |            |
| AD 4 SAK6N           |         | 50   | 0196600000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

DEK 5/8

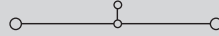
When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

SAK 10/EN

10 mm<sup>2</sup>



10 x 41.5 x 47.5  
76 / 16  
1.5...16



IEC 60947-7-1 Ex e II II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 800     | 600        | 600        | 550        |
| 57      | 60         | 65         | 50         |
| 10      | AWG 14...6 | AWG 16...6 | 10         |
| 8 / 3   |            |            |            |
| B6 / V2 |            |            |            |

KEMA 97ATEX1798 U

| Rated connection    |  |
|---------------------|--|
| 1.5...10 / 1.5...16 |  |
| 1.5...16 / 1.5...10 |  |
| 2.0...4.0 Nm (M 4)  |  |
| 12 / 1.0 x 5.5 mm   |  |

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAK 10/EN    | 100  | 0337660000 |
| SAK 10/EN BL | 100  | 1784410000 |

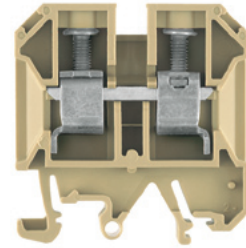
A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK10            | 57 A    | 50   | 0457100000 |
| Q 3 SAK10            | 57 A    | 50   | 0457200000 |
| Q 4 SAK10            | 57 A    | 50   | 0457300000 |
| Q 10 SAK10           | 57 A    | 20   | 0457400000 |
|                      |         |      |            |
|                      |         |      |            |
| VL 2 SAK6N/SAKT      | 32 A    | 50   | 0194700000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
|                      |         |      |            |
| AP SAK4-10           | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL        | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10         | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL      | 1.5 mm  | 20   | 0130180000 |
|                      |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
|                      |         |      |            |
| AD 4 SAK10           |         | 50   | 0178600000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

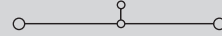
DEK 5/5

SAK 16/EN

16 mm<sup>2</sup>



12 x 50 x 53.5  
76 / 16  
2.5...16



IEC 60947-7-1 Ex e II II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 1000    | 600        | 600        | 690        |
| 76      | 80         | 87         | 66         |
| 16      | AWG 12...4 | AWG 14...6 | 16         |
| 8 / 3   |            |            |            |
| B6 / V2 |            |            |            |

KEMA 97ATEX1798 U

| Rated connection   |  |
|--------------------|--|
| 2.5...16 / 4...16  |  |
| 4...16 / 4...16    |  |
| 2.0...4.0 Nm (M 4) |  |
| 15 / 1.0 x 5.5 mm  |  |

Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAK 16/EN    | 50   | 0339760000 |
| SAK 16/EN BL | 50   | 1784390000 |

If QIs are aligned side by side, then a TW/AP must be used.

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK16            | 76 A    | 50   | 0457500000 |
| Q 3 SAK16            | 76 A    | 50   | 0457600000 |
| Q 4 SAK16            | 76 A    | 50   | 0457700000 |
| Q 10 SAK16           | 76 A    | 20   | 0457800000 |
|                      |         |      |            |
|                      |         |      |            |
| VL 2 SAK16/SAKA      | 57 A    | 50   | 0135800000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
|                      |         |      |            |
| AP SAK16             | 1.5 mm  | 20   | 0271160000 |
| AP SAK16 BL          | 1.5 mm  | 20   | 0271180000 |
|                      |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
|                      |         |      |            |
| AD 4 SAK16           |         | 50   | 0518200000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

DEK 5/5

## Feed-through modular terminals

## TS 35 + TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|   |                 |
|---|-----------------|
| <b>Rated data</b>                                       |                 |
| Rated voltage   | V               |
| Rated current   | A               |
| Rated cross-section                                     | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity              | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class          |                 |
| Approvals   |                 |
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| Tightening torque range (clamping screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| <b>Note</b>   |                 |

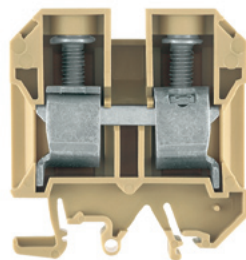
## Ordering data

|                |       |
|----------------|-------|
| <b>Version</b> |       |
|                | beige |
|                | Blue  |
| <b>Note</b>    |       |

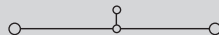
## Accessories

|   |                                 |
|---|---------------------------------|
| <b>Screwable cross-connection</b>   |                                 |
|   | 2-pole                          |
|   | 3-pole                          |
|   | 4-pole                          |
|   | 10-pole                         |
|   | Connecting sleeve               |
|   | Mounting screw                  |
|   | Lock washer                     |
| <b>Switchable link</b>  |                                 |
|   | Switchable link                 |
|   | Connecting sleeve               |
|   | Mounting screw                  |
| <b>Testing / Checking</b>   |                                 |
|   | Test plug                       |
|   | Socket                          |
| <b>End plate / Partition plate</b>  |                                 |
|   | beige                           |
|   | Blue                            |
|   | beige                           |
|   | Blue                            |
| <b>Small partition</b>  |                                 |
|   | Small partition                 |
| <b>Cover / warning label</b>  |                                 |
|   | Cover / warning label           |
|   | Mounting screw (plastic)        |
| <b>Marking systems</b>  | (see assortment in catalogue 7) |
|   | Marking tags                    |
| <b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b> |                                 |

## SAK 35/EN

35 mm<sup>2</sup>

18 x 58 x 63.5  
150 / 50  
2.5...50

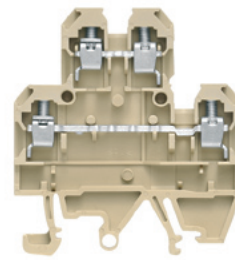


|   |            |            |                   |
|---|------------|------------|-------------------|
| IEC 60947-7-1   | Ex e ll    | Ex         | ll 2 G D          |
| <b>IEC</b>  | <b>UL</b>  | <b>CSA</b> | <b>EN 60079-7</b> |
| 1000  | 600        | 600        | 690               |
| 125   | 115        | 145        | 109               |
| 35  | AWG 12...2 | AWG 12...2 | 35                |
| 8 / 3   |            |            |                   |
| B8 / V2   |            |            |                   |
| KEMA 97ATEX1798 U   |            |            |                   |
| <b>Rated connection</b>   |            |            |                   |
| 2.5...16 / 4...50   |            |            |                   |
| 2.5...35 / 2.5...35   |            |            |                   |
| 4.0...5.0 Nm (M 6)  |            |            |                   |
| 18 / 6.5 x 1.2 mm   |            |            |                   |
| 2.5...16 16   |            |            |                   |
| 2.5...16 / 2.5...16   |            |            |                   |
| The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |            |            |                   |

|  |             |                  |
|--|-------------|------------------|
| <b>Type</b>  | <b>Qty.</b> | <b>Order No.</b> |
| SAK 35/EN  | 20          | 0339860000       |
| SAK 35/EN BL   | 20          | 1784400000       |
| It is possible to use twin ferrules with identical rated voltages (LAB 13090). |             |                  |

|   |                |             |                  |
|---|----------------|-------------|------------------|
| <b>Type</b>   | <b>current</b> | <b>Qty.</b> | <b>Order No.</b> |
| QL 2 SAK35  | 99 A           | 20          | 0123600000       |
| QL 3 SAK35  | 99 A           | 20          | 0123700000       |
| QL 4 SAK35  | 99 A           | 20          | 0123800000       |
| QL 10 SAK35   | 99 A           | 20          | 0338600000       |
| VH 17/8/5 SAK35   |                | 50          | 0267000000       |
| BFSC M4X30  |                | 50          | 0267100000       |
| SS M4 D 128-A 4   |                | 100         | 0136400000       |
| <b>Width</b>  |                |             |                  |
| PS 4 F.STB 4  | 7.6 mm         | 20          | 0299600000       |
| STB 16/D7/4/M4 SAK35  |                | 50          | 0140200000       |
| AP SAK35/TW SAK16   | 1.5 mm         | 10          | 0303660000       |
| AP SAK35/TW SAK16 BL  | 1.5 mm         | 10          | 0303680000       |
| TW SAK35  | 1.5 mm         | 20          | 0304360000       |
| AD 4 SAK35  |                | 50          | 0178700000       |
| BFSC M4X32 PA/RT  |                | 100         | 0129100000       |
| DEK 5/5 / SCHT 7  |                |             |                  |
| If QIs are aligned side by side, then a TW/AP must be used. |                |             |                  |

## DK 4 Q/EN

4 mm<sup>2</sup>

6.5 x 54 x 47.5  
41 / 6  
0.13...6

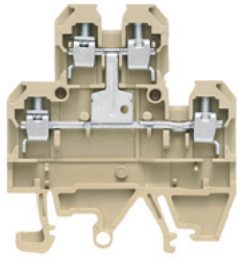
|  |             |             |                   |
|--|-------------|-------------|-------------------|
| IEC 60947-7-1  | Ex e ll     | Ex          | ll 2 G D          |
| <b>IEC</b>   | <b>UL</b>   | <b>CSA</b>  | <b>EN 60079-7</b> |
| 500  | 600         | 600         | 690               |
| 32   | 30          | 36          | 28                |
| 4  | AWG 22...12 | AWG 26...10 | 4                 |
| 8 / 3  |             |             |                   |
| A4 / V2  |             |             |                   |
| KEMA 97ATEX1798 U  |             |             |                   |
| <b>Rated connection</b>                                      |             |             |                   |
| 0.5...6 / 0.5...4  |             |             |                   |
| 0.5...4 / 0.5...2.5  |             |             |                   |
| 0.5...1.0 Nm (M 3)   |             |             |                   |
| 12 / 0.6 x 3.5 mm  |             |             |                   |
| 1.5...1.5  |             |             |                   |
| 0.5...1.5  |             |             |                   |
| With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V. |             |             |                   |

|              |             |                  |
|--------------|-------------|------------------|
| <b>Type</b>  | <b>Qty.</b> | <b>Order No.</b> |
| DK 4 Q/EN    | 100         | 1907040000       |
| DK 4 Q/EN BL | 100         | 1907030000       |

|                         |                |             |                  |
|-------------------------|----------------|-------------|------------------|
| <b>Type</b>             | <b>current</b> | <b>Qty.</b> | <b>Order No.</b> |
| Q 2 SAK4                | 41 A           | 50          | 0336700000       |
| Q 3 SAK4                | 41 A           | 50          | 0336800000       |
| Q 4 SAK4                | 41 A           | 50          | 0336900000       |
| Q 10 SAK4               | 41 A           | 20          | 0368800000       |
| VL 2 SAK4               | 32 A           | 50          | 0197000000       |
| VH 19/5/3.5 SAK4-16     |                | 50          | 0285100000       |
| BFSC M3X25              |                | 100         | 0292500000       |
| <b>Width</b>            |                |             |                  |
| PS 2.3 RT               | 5.4 mm         | 20          | 0180400000       |
| STB 14/D5/2.3/M3 SAK2.5 |                | 50          | 0168600000       |
| AP SAK4-10              | 1.5 mm         | 20          | 0117960000       |
| AP SAK4-10 BL           | 1.5 mm         | 20          | 0117980000       |
| TW 4 SAK4-10            | 1.5 mm         | 20          | 0130160000       |
| TW 4 SAK4-10 BL         | 1.5 mm         | 20          | 0130180000       |
| TSCH 1                  | 2 mm           | 100         | 0319160000       |
| AD 4 SAK4               |                | 50          | 0285300000       |
| BFSC M3X22 PA/RT        |                | 100         | 0128900000       |
| DEK 5/6                 |                |             |                  |

DK 4 QV/EN

4 mm<sup>2</sup>



6.5 x 54 x 47.5

41 / 6

0.13...6

IEC 60947-7-1 Ex e II  II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 500     | 600         | 600         | 690        |
| 32      | 30          | 36          | 28         |
| 4       | AWG 22...12 | AWG 26...10 | 4          |
| 8 / 3   |             |             |            |
| A4 / V2 |             |             |            |

KEMA 97ATEX1798 U

**Rated connection**

0.5...6 / 0.5...4

0.5...4 / 0.5...2.5

0.5...1.0 Nm (M 3)

12 / 0.6 x 3.5 mm

1.5...1.5

0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| DK 4 QV/EN | 100  | 1907020000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
|                         |         |      |            |
| VL 2 SAK4               |         | 50   | 0197000000 |
| VH 19/5/3.5 SAK4-16     |         | 50   | 0285100000 |
| BFSC M3X25              |         | 100  | 0292500000 |
| <b>Width</b>            |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
|                         |         |      |            |
| AP SAK4-10              | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL           | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10            | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL         | 1.5 mm  | 20   | 0130180000 |
|                         |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
|                         |         |      |            |
| AD 4 SAK4               |         | 50   | 0285300000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |

DEK 5/6

C

## Stud terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

| Clamped conductors (H05V/H07V)                   |                 |
|--|-----------------|
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | -               |
| flexible / Stranded wire with end ferrules       | -               |

| Note |
|------|
|      |

### Ordering data

| Version |
|---------|
|         |
| Note    |
|         |

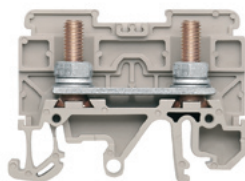
### Accessories

| End plate / Partition plate |  |
|-----------------------------|--|
| beige                       |  |
| beige                       |  |

### ST 5

16 mm<sup>2</sup>

Screw thread M5



16.4 x 54.22 x 47.1

| IEC | UL          | CSA |
|-----|-------------|-----|
| 800 | 600         |     |
| 76  | 65          |     |
| 16  | AWG 12...10 |     |
|     | 8 / 3       |     |
|     | / V-0       |     |

| UL               |  |  |  |
|------------------|--|--|--|
| Rated connection |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |

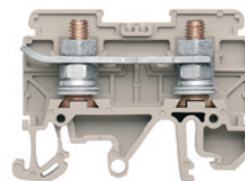
| Type       | Qty. | Order No.  |
|------------|------|------------|
| ST 5 PA/BE | 20   | 0448360000 |

| Type          | Width | Qty. | Order No.  |
|---------------|-------|------|------------|
| AP ST5 PPO/SW |       | 10   | 0447240000 |
| TW ST5 PA/BE  |       | 10   | 0477660000 |

### STL 5

16 mm<sup>2</sup>

Screw thread M5



16.4 x 54.22 x 47.1

| IEC | UL          | CSA |
|-----|-------------|-----|
| 800 | 600         |     |
| 76  | 65          |     |
| 16  | AWG 12...10 |     |
|     | 8 / 3       |     |
|     | / V-0       |     |

| UL               |  |  |  |
|------------------|--|--|--|
| Rated connection |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |
|                  |  |  |  |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| STL 5 | 20   | 0448460000 |

| Type          | Width | Qty. | Order No.  |
|---------------|-------|------|------------|
| AP ST5 PPO/SW |       | 10   | 0447240000 |
| TW ST5 PA/BE  |       | 10   | 0477660000 |

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

TS 35 + TS 32 / PA

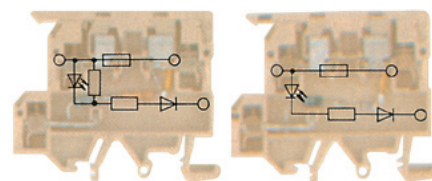
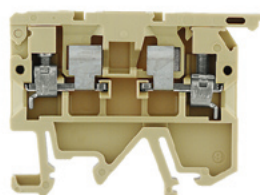
ASK 1

4 mm<sup>2</sup>

KDKS 1 m. LED

4 mm<sup>2</sup>

With or without LED



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

|                 |  |
|-----------------|--|
| 8.1 x 58 x 43   |  |
| <b>6.3 / 4</b>  |  |
| <b>0.13...4</b> |  |

|                  |  |
|------------------|--|
| 8 x 62.75 x 55.5 |  |
| <b>6.3 / 4</b>   |  |
| <b>0.5...4</b>   |  |

Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

| IEC  | UL          | CSA         |
|--|-------------|-------------|
| 500  |             |             |
| 6.3  |             |             |
| 4  | AWG 22...12 | AWG 26...12 |
|  | 6 / 3       |             |
|  | A3 / V2     |             |
|  |             |             |
| Rated connection   |             |             |
| 0.5...4  |             |             |
| 0.5...4 / 0.5...4  |             |             |
| 0.6...0.8 Nm (M 3)   |             |             |
| 9 / 0.6 x 3.5 mm   |             |             |
| Note: max. conductor size = 2.5 mm <sup>2</sup> when using the cross-connection. Twin wire-end ferrules ZH 0.5 - ZH 2.5 can be used. |             |             |

| IEC  | UL      | CSA |
|--|---------|-----|
| 500  |         |     |
| 6.3  |         |     |
| 4  |         |     |
|  | / 3     |     |
|  | A3 / V2 |     |
|  |         |     |
| Rated connection   |         |     |
| 0.5...4  |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...0.8 Nm (M 3)   |         |     |
| 9 / 0.6 x 3.5 mm   |         |     |
| Note: max. conductor size = 2.5 mm <sup>2</sup> when using the cross-connection. |         |     |

Ordering data

| Version |                     |
|---------|---------------------|
|         | 500 V AC/DC         |
|         | With LED 230 V AC   |
|         | With LED 230 V DC   |
|         | With LED 115 V AC   |
|         | With LED 115 V DC   |
|         | With LED 60 V DC    |
|         | With LED 48 V AC    |
|         | With LED 48 V DC    |
|         | With LED 24 V AC    |
|         | With LED +- 24 V DC |
| Note    |                     |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| ASK 1/EN                | 100  | 0474560000 |
| ASK 1/EN LD 1D 230VAC   | 25   | 0225760000 |
| ASK 1/EN LD 120K 230VDC | 25   | 0225660000 |
| ASK 1/EN LD 1D 115VAC   | 25   | 0225560000 |
| ASK 1/EN LD 56K 115VDC  | 25   | 0225460000 |
| ASK 1/EN LD 33K 60VDC   | 25   | 0226460000 |
| ASK 1/EN LD 1D 48VAC    | 25   | 0225360000 |
| ASK 1/EN LD 27K 48VDC   | 25   | 0225260000 |
| ASK 1/EN LD 1D 24VAC    | 25   | 0222860000 |
| ASK 1/EN LD 15K 24VDC   | 25   | 0222760000 |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| KDKS1/EN LD 230VAC | 25   | 8148910000 |
| KDKS1/EN LD 115VAC | 25   | 8142840000 |
| KDKS1/EN LD 48 VAC | 25   | 8148920000 |
| KDKS1/EN LD 24 VAC | 25   | 8148930000 |
| KDKS1/EN LD 24VDC  | 25   | 8146450000 |

Accessories

| Screwable cross-connection  |        |
|-----------------------------|--------|
|                             | 2-pole |
|                             | 3-pole |
|                             | 4-pole |
| End plate / Partition plate |        |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA8 IS | 27 A    | 50   | 0461100000 |
| QB 3 WI RA8 IS | 27 A    | 50   | 0461200000 |
| QB 4 WI RA8 IS | 27 A    | 50   | 0461300000 |
| Width          |         |      |            |
| AP ASK1        | 1.5 mm  | 20   | 0380360000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA8 IS | 27 A    | 50   | 0461100000 |
| QB 3 WI RA8 IS | 27 A    | 50   | 0461200000 |
| QB 4 WI RA8 IS | 27 A    | 50   | 0461300000 |
| Width          |         |      |            |
| AP KDKS1 EN    |         | 20   | 9503340000 |

| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

|                  |
|------------------|
| DEK 5/8 / SCHT 7 |
|------------------|

|         |
|---------|
| DEK 5/8 |
|---------|

## Earth conductor isolating terminals

## SAKA 10/EN

10 mm<sup>2</sup>

## Neon lamp



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

24 x 82 x 61.5

47 / 10

0.5...10

## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | / 5VA           |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

| IEC | UL | CSA |
|-----|----|-----|
| 24  |    |     |
| 47  |    |     |
| 10  |    |     |
|     |    |     |
|     |    |     |

## Rated connection

|                     |
|---------------------|
| 0.5...10            |
| 0.5...10 / 0.5...10 |
| 1.2...2.2 Nm        |
| 12 /                |

Tightening torque 1.6 Nm for 10 mm<sup>2</sup> stranded wire.

## Ordering data

## Version

24 V~  
230 V~

## Note

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| SAKA 10/EN 2GL 24VUC  | 5    | 8150150000 |
| SAKA 10/EN 2GL 230VAC | 5    | 8109130000 |

## Accessories

## End bracket

Dark beige Wemid  
Dark beige Wemid

| Type  | Width  | Qty. | Order No.  |
|-------|--------|------|------------|
| EWK 1 | 9 mm   | 50   | 0206160000 |
| EW 35 | 8.5 mm | 50   | 0383560000 |

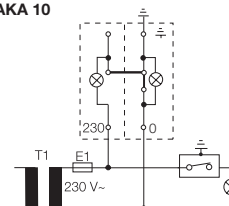
(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

Width with AP = 27 mm

## Operating mode

## SAKA 10

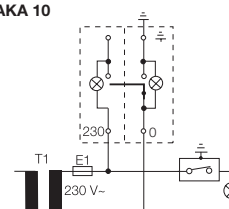


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

## Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.

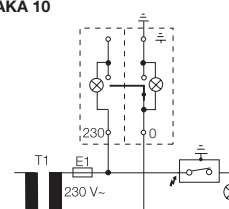
## SAKA 10



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

## Operational malfunction

## SAKA 10



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

# SAK-Series for special applications

|  |  |     |
|--|--|-----|
| <b>SAK-Series for special applications</b> | <b>Modular terminals for high-temperature applications</b> |     |
|  | TS 32 / Ceramic  | D.2 |
|  | <b>Modular terminals for nuclear power stations</b>        |     |
|  | Overview   | D.4 |
|  | TS 32 / EP   | D.6 |

## Modular terminals for high-temperature applications

## TS 32 / Ceramic

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|   |                 |
|---|-----------------|
| <b>Rated data</b>                                       |                 |
| Rated voltage   | V               |
| Rated current   | A               |
| Rated cross-section                                     | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity              | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class          |                 |
| Approvals   |                 |
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| Tightening torque range (clamping screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| solid / stranded  | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules              | mm <sup>2</sup> |
| <b>Note</b>   |                 |

## Ordering data

|                |       |
|----------------|-------|
| <b>Version</b> |       |
|                | white |
| <b>Note</b>    |       |

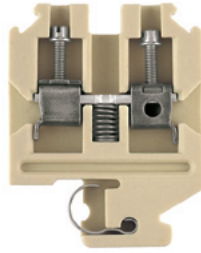
## Accessories

|                                    |                   |
|------------------------------------|-------------------|
| <b>Screwable cross-connection</b>  |                   |
|                                    | 2-pole            |
|                                    | 3-pole            |
|                                    | 4-pole            |
|                                    | 10-pole           |
|                                    | Connecting sleeve |
|                                    | Mounting screw    |
| <b>End plate / Partition plate</b> |                   |
|                                    | white             |

## SAKK 4 Sn

4 mm<sup>2</sup>

Tin Plated for high continuous temperatures  
- max. 250 °C



|                 |  |
|-----------------|--|
| 8 x 40 x 53     |  |
| <b>41 / 6</b>   |  |
| <b>0.33...6</b> |  |

IEC 60947-7-1 Ex e ll II 2 G D

| IEC      | UL  | CSA | EN 60079-7 |
|----------|-----|-----|------------|
| 800      | 600 |     | 275        |
| 32       | 30  |     | 28         |
| 4        |     |     | 4          |
| 8 / 3    |     |     |            |
| A4 / 5VB |     |     |            |

SIRA 03ATEX3425 U

|                         |  |
|-------------------------|--|
| <b>Rated connection</b> |  |
| 0.5...6                 |  |
| 0.5...4 / 0.5...4       |  |
| 0.5...1.0 Nm (M 3)      |  |
| 10 / 0.6 x 3.5 mm       |  |
|                         |  |
| 0.5...1.5               |  |
| 0.5...1.5 / 0.5...1.5   |  |
| <b>Note</b>             | Do not use mechanical or electrical torque screwdrivers for fastening the conductor. |

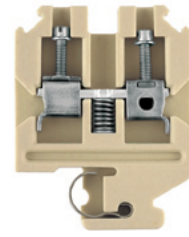
|               |             |                  |
|---------------|-------------|------------------|
| <b>Type</b>   | <b>Qty.</b> | <b>Order No.</b> |
| SAKK 4 KER/WS | 25          | 1598080000       |

| Type                | current      | Qty. | Order No.  |
|---------------------|--------------|------|------------|
| QL 2 SAKK 4 TIN     | 32 A         | 100  | 9509420000 |
| QL 3 SAKK 4 TIN     | 32 A         | 100  | 9509430000 |
| QL 4 SAKK 4 TIN     | 57 A         | 50   | 9509440000 |
| QL 10 SAKK 4 TIN    | 41 A         | 20   | 9509450000 |
| VH 13.5 SAKK 4      |              | 100  | 9509460000 |
| KISC M3X20.5/10 EK4 |              | 100  | 0303000000 |
|                     | <b>Width</b> |      |            |
| AP SAKK4/10 KER/WS  | 3 mm         | 10   | 9502630000 |

## SAKK 4 Ni

4 mm<sup>2</sup>

Nickel coating for high-temperature applications  
- max. 750°C for 3 hours



|                 |  |
|-----------------|--|
| 8 x 40 x 53     |  |
| <b>41 / 6</b>   |  |
| <b>0.33...6</b> |  |

IEC 60947-7-1 Ex e ll II 2 G D

| IEC      | UL  | CSA | EN 60079-7 |
|----------|-----|-----|------------|
| 800      | 600 |     | 275        |
| 32       | 30  |     | 28         |
| 4        |     |     | 4          |
| 8 / 3    |     |     |            |
| A4 / 5VB |     |     |            |

SIRA 03ATEX3425 U

|                         |  |
|-------------------------|--|
| <b>Rated connection</b> |  |
| 0.5...6                 |  |
| 0.5...4 / 0.5...4       |  |
| 0.5...1.0 Nm (M 3)      |  |
| 10 / 0.6 x 3.5 mm       |  |
|                         |  |
| 0.5...1.5               |  |
| 0.5...1.5 / 0.5...1.5   |  |
| <b>Note</b>             | Do not use mechanical or electrical torque screwdrivers for fastening the conductor. |

|             |             |                  |
|-------------|-------------|------------------|
| <b>Type</b> | <b>Qty.</b> | <b>Order No.</b> |
| SAKK 4      | 25          | 9502600000       |

| Type                | current      | Qty. | Order No.  |
|---------------------|--------------|------|------------|
| QL 2 SAKK 4         | 32 A         | 100  | 9502540000 |
| QL 3 SAKK 4         | 32 A         | 100  | 9502550000 |
| QL 4 SAKK 4         | 32 A         | 50   | 9502560000 |
| QL 10 SAKK 4        | 41 A         | 20   | 9502570000 |
| VH 13.5 SAKK 4      |              | 100  | 9502580000 |
| KISC M3X20.5/10 EK4 |              | 100  | 0303000000 |
|                     | <b>Width</b> |      |            |
| AP SAKK4/10 KER/WS  | 3 mm         | 10   | 9502630000 |

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

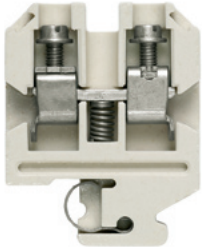
Twin wire-end ferrules ZH 0.5 - ZH 2.5 can be used. End bracket MEW 1/32 order no. 0445600000; locking pin SST3 order no. 0152700000

End Barrier MEW 1/32 order no. 0445600000; Locking pin SST3 order no. 0152700000

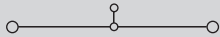
**SAKK 10 Sn**

10 mm<sup>2</sup>

Tin Plated for high continuous temperatures  
- max. 250 °C



11.5 x 40 x 53  
**76 / 16**  
**1.5...16**



IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL  | CSA | EN 60079-7 |
|----------|-----|-----|------------|
| 800      | 600 |     | 275        |
| 57       | 55  |     | 50         |
| 10       |     |     | 10         |
| 8 / 3    |     |     |            |
| B6 / 5VB |     |     |            |

SIRA 03ATEX3425 U

**Rated connection**

1.5...16 / 1.5...16  
1.5...16 / 1.5...10  
2.0...4.0 Nm (M 4)  
12 / 1.0 x 5.5 mm

Do not use mechanical or electrical torque screwdrivers for fastening the conductor.

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAKK 10 KER/WS | 25   | 1598090000 |

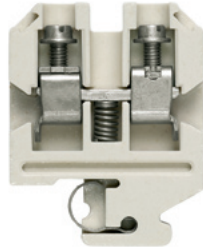
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| QL 2 SAKK 10 TIN    |         | 100  | 9509470000 |
| QL 3 SAKK 10 TIN    |         | 50   | 9509480000 |
| QL 4 SAKK 10 TIN    |         | 50   | 9509490000 |
| QL 10 SAKK 10 TIN   |         | 20   | 9509500000 |
| VH 12.5 SAKK10      |         | 50   | 9509510000 |
| KISC M3X20.5/10 EK4 |         | 100  | 0303000000 |
| <b>Width</b>        |         |      |            |
| AP SAKK4/10 KER/WS  | 3 mm    | 10   | 9502630000 |

End barrier MEW 1/32 order no. 0445600000;  
Locking pin SST3 order no. 0152700000

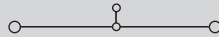
**SAKK 10 Ni**

10 mm<sup>2</sup>

Nickel coating for high-temperature applications  
- max. 750°C for 3 hours



11.5 x 40 x 53  
**76 / 16**  
**1.5...16**



IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL  | CSA | EN 60079-7 |
|----------|-----|-----|------------|
| 800      | 600 |     | 275        |
| 57       | 55  |     | 50         |
| 10       |     |     | 10         |
| 8 / 3    |     |     |            |
| B6 / 5VB |     |     |            |

SIRA 03ATEX3425 U

**Rated connection**

1.5...16 / 1.5...16  
1.5...16 / 1.5...10  
2.0...4.0 Nm (M 4)  
12 / 1.0 x 5.5 mm

Do not use mechanical or electrical torque screwdrivers for fastening the conductor.

| Type    | Qty. | Order No.  |
|---------|------|------------|
| SAKK 10 | 25   | 9502610000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| QL 2 SAKK 10        | 57 A    | 100  | 9502650000 |
| QL 3 SAKK 10        | 57 A    | 50   | 9502660000 |
| QL 4 SAKK 10        | 57 A    | 50   | 9502670000 |
| QL 10 SAKK 10       | 57 A    | 20   | 9502680000 |
| VH 12.5 SAKK10      |         | 50   | 9502690000 |
| KISC M3X20.5/10 EK4 |         | 100  | 0303000000 |
| <b>Width</b>        |         |      |            |
| AP SAKK4/10 KER/WS  | 3 mm    | 10   | 9502630000 |

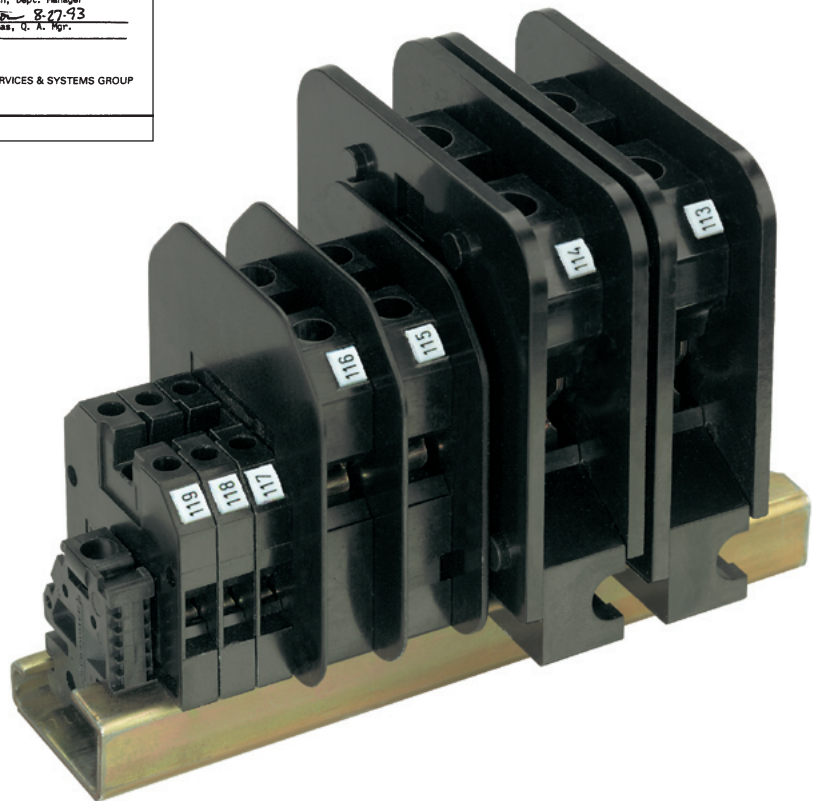
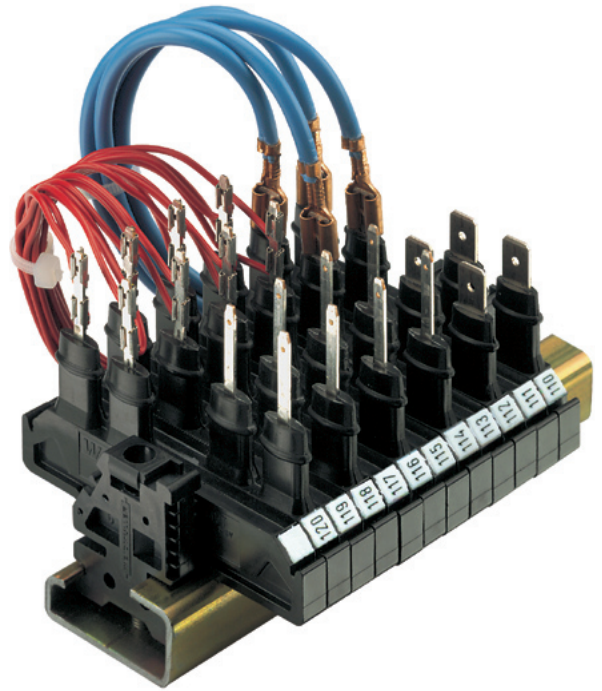
End barrier MEW 1/32 order no. 0445600000;  
Locking pin SST3 order no. 0152700000

D

# Terminal Blocks for the Containment Areas of Nuclear Power Generating Stations

D

|   |  |
|---|--|
| <b>NEQ</b><br><small>Nuclear Environmental Qualification</small><br><b>Test Report</b>  |  |
| REPORT NO. <u>42542-1</u> REVISION <u>B</u>   |  |
| WYLE JOB NO. <u>42542</u>   |  |
| CUSTOMER <u>92.8048/999/QW</u>  |  |
| P. O. NO. _____   |  |
| PAGE 1 OF <u>1317</u> PAGE REPORT <u>A</u>  |  |
| DATE <u>August 26, 1993</u>   |  |
| SPECIFICATION (S) <u>See references</u><br><u>in Paragraph 5.0</u>  |  |
| <hr/> 1.0 CUSTOMER <u>Weidmüller</u><br>ADDRESS <u>Klingenbergstraße 16, Postfach 3030, 5940 Detmold, Germany</u>   |  |
| 2.0 TEST SPECIMEN <u>Terminal Blocks</u>  |  |
| 3.0 MANUFACTURER <u>Weidmüller</u>  |  |
| 4.0 SUMMARY   |  |
| <p>A Nuclear Environmental Qualification Test Program was performed on 67 test groups of various Weidmüller terminal blocks in accordance with Wyle Laboratories Nuclear Environmental Qualification Plan, 42541-00, Revision A. The test program was performed October 2, 1992 through June 25, 1993.</p>  |  |
| (1ka)   |  |
| STATE OF ALABAMA } Alabama Professional<br>COUNTY OF MADISON } Engineer Reg. No. 16011<br>Joseph T. Hazelton, P.E.<br>deposes and says: The information contained in this report is the result of complete and careful testing and is to the best of his knowledge true and correct in all respects.<br>SIGNED: <u>Joseph T. Hazelton</u><br>Notary Public in and for the State of Alabama at large.<br>My Commission expires <u>September 7</u> , 19 <u>93</u> | Wyle shall have no liability for damages of any kind to person or property, including special or consequential damages, resulting from Wyle's providing the services covered by this report.<br>PREPARED BY <u>P. McLaughlin 8/25/93</u><br>P. McLaughlin, Project Engineer<br>APPROVED BY <u>D. E. Smith 8/25/93</u><br>D. E. Smith, Dept. Manager<br>WYLE Q. A. <u>8/27/93</u><br>W. G. Thomas, Q. A. Mgr. |



High standards are set for products used in containment areas of nuclear power generating stations. Years of radioactive radiation must not lead to failure. Signals must be transmitted faultlessly in the case of accidents, for example, steam escaping after a coolant pipe burst.

In particular, steam enveloping the terminal blocks could lead to problems. Unsuitable terminal blocks cause leakage currents, which lead to signal distortions. That is why only products which have been approved in accordance with IEEE Class 1 E are allowed to be installed in containment areas.

The special feature of the tests carried out using Weidmüller's terminal blocks is that not only was the insulation resistance measured following an accident simulation, but that the leakage current was recorded during the LOCA test (Loss of Coolant Accident).

Weidmüller also offers for these applications a choice of products made from the special epoxy resin material EP with inorganic filler, which meets the demands for high standards.

The comprehensive test results produced by the Wyle Laboratories enable the regulatory body to judge Weidmüller's products for containment areas Class 1 E (accident simulation test profile 4) and for general use (accident simulation test profile 1) in nuclear generating stations.

- Basis:** **IEEE 323 – 1983**  
 "Qualifying class 1 E Equipment for Nuclear Power Generating Stations"  
**IEE 344 – 1987**  
 "Recommended Practices for Seismic Qualification of Class 1 E Equipment for Nuclear Power Generating Stations"  
**Agency:** Wyle Laboratories, Huntsville, Alabama, USA  
**Period:** 1992 – 1993

The basis for the qualification statement are the standards laid down in the IEEE that comprise the following product cycles:

**1. Functional Test/Initial Values**

- Insulation resistance
- Volume resistances

**2. Radioactive Aging**

- Total dose: 220 Mrad
- Dose rate: 1 Mrad/h
- Volume resistance after contamination

**3. Thermal aging equivalent to 40 years of operation at ambient temperature**

- 32 °C = 90 °F outside of containment area
- 65 °C = 150 °F within the containment area
- Accelerated aging
- Insulation resistance after contamination

**4. Earthquake Simulation**

- 5 OBE, 1 SSE test in 3 axes
- Monitoring of the electrical functions

**5. Accident Simulation**

- Inside and outside of the containment area
- Monitoring of leakage currents for different applications during the accident simulation
- Insulation resistance after contamination

**6. Functional Test/Final Values**

- Volume resistance
- Optical inspection

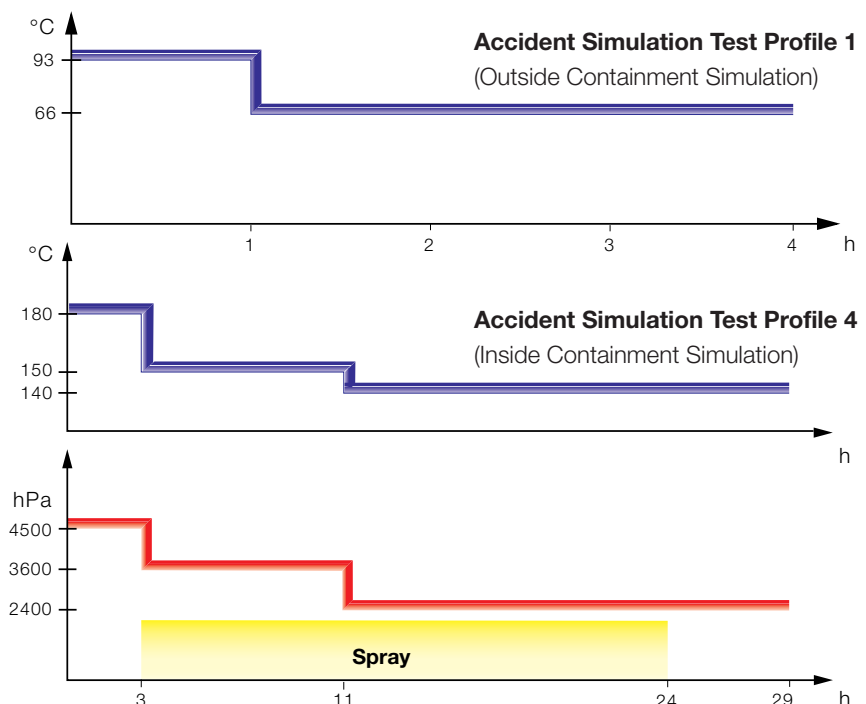
As well as the special terminal blocks for the containment areas, which correspond to the standards according to Class 1 E, Weidmüller has subjected a range of standard terminal blocks to intensive tests in accordance with test profile 1. They all fully meet the demands set for terminal blocks for outside of restricted areas.

**Accident Simulation Test Profile 1 Typical PWR Outside Containment Simulation**

During the 4-hour test, saturated steam is fed to the temperature control. This simulation is carried out at atmospheric pressure.

**Accident Simulation Test Profile 4 Typical PWR Inside Containment Simulation**

During the 29-hour test, saturated steam is fed to the temperature control. In the period from the 3rd to 24th hour, the test circuit that is coated with a chemical spray is alternatively coated with a demineralizing spray. This simulation is carried out at an increased pressure of a maximum of 4500 hPa (4.5 bar).



# Modular terminals for nuclear power stations

## TS 32 / EP

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


### Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

### Ordering data

| Version |       |
|---------|-------|
|         | black |
|         | Black |
| Note    |       |

### Accessories

| Screwable cross-connection  |           |
|---|-----------|
|  | 2-pole    |
|   | 3-pole    |
|   | 4-pole    |
|   | 10-pole   |
| Testing / Checking  |           |
|   | Test plug |
|   | Socket    |
| End plate / Partition plate   |           |
|   | black     |

**Marking systems** (see assortment in catalogue 7)  
 Marking tags  
**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## SAKH 4

4 mm<sup>2</sup>



|                 |  |
|-----------------|--|
| 6.5 x 40 x 51.5 |  |
| <b>41 / 6</b>   |  |
| <b>0.13...6</b> |  |

| IEC 60947-7-1   |    |          |            |
|---|----|----------|------------|
| IEC   | UL | CSA      | EN 60079-7 |
| 800   |    |          | 550        |
| 32  |    |          | 28         |
| 4   |    |          | 4          |
|   |    | 8 / 3    |            |
|   |    | A4 / V-0 |            |
| KEMA 97ATEX1798 U   |    |          |            |
| Rated connection  |    |          |            |
| 0.5...6 / 0.5...4   |    |          |            |
| 0.5...4 / 0.5...4   |    |          |            |
| 0.5...1.0 Nm (M 3)  |    |          |            |
| 12 / 0.6 x 3.5 mm   |    |          |            |
| When using the twin wire-end ferrules ZH 0.5 - ZH 2.5 without a partition wall, the rated voltage is 690 V. |    |          |            |

| Type            | Qty. | Order No.         |
|-----------------|------|-------------------|
| SAK 4 EP/SW     | 100  | <b>0128300000</b> |
| SAK 4 CUN/EP/SW | 100  | <b>0168800000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 SAK4                | 41 A    | 50   | <b>0336700000</b> |
| Q 3 SAK4                | 41 A    | 50   | <b>0336800000</b> |
| Q 4 SAK4                | 41 A    | 50   | <b>0336900000</b> |
| Q 10 SAK4               | 41 A    | 20   | <b>0368800000</b> |
| Width                   |         |      |                   |
| PS 4 F.STB 4            | 7.6 mm  | 20   | <b>0299600000</b> |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | <b>0168600000</b> |
| Width                   |         |      |                   |
| TW SAK4-10 EP/SW        | 2.5 mm  | 20   | <b>0130100000</b> |

DEK 5/5  
 End bracket from EP: 0693060000 EWK 1PPS/SW.

## SAKH 6

10 mm<sup>2</sup>



|                 |   |
|-----------------|---|
| 14 x 57 x 76.5  |   |
| <b>76 / 16</b>  |  |
| <b>0.5...16</b> |   |

| IEC 60947-7-1                                    |    |          |
|--|----|----------|
| IEC  | UL | CSA      |
| 1000   |    |          |
| 57   |    |          |
| 10   |    |          |
|  |    | 8 / 3    |
|  |    | B6 / V-0 |
| KEMA 97ATEX1798 U                                |    |          |
| Rated connection                                 |    |          |
| 0.5...16 / 0.5...16                              |    |          |
| 0.5...10 / 0.5...10                              |    |          |
| 1.2...2.4 Nm (M 4)                               |    |          |
| 12 / 1.0 x 5.5 mm                                |    |          |
| Twin wire-end ferrules ZH 75 - ZH 6 can be used. |    |          |

| Type         | Qty. | Order No.         |
|--------------|------|-------------------|
| SAKH 6 EP/SW | 50   | <b>0126600000</b> |

| Type              | Qty. | Order No.            |
|-------------------|------|----------------------|
|                   |      |                      |
|                   |      |                      |
|                   |      |                      |
|                   |      |                      |
| Width             |      |                      |
| AP SAKH6/10 EP/SW | 4 mm | 20 <b>0131700000</b> |

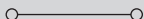
DEK 5/5  
 End bracket from EP: 0693060000 EWK 1PPS/SW.

**SAKH 10**

**10 mm<sup>2</sup>**



14 x 57 x 76.5  
**57 / 16**  
**1.5...16**



IEC 60947-7-1

| IEC  | UL       | CSA |
|------|----------|-----|
| 1000 |          |     |
| 57   |          |     |
| 10   |          |     |
|      | 8 / 3    |     |
|      | B6 / V-0 |     |



**Rated connection**

1.5...16 16  
 2.5...10 / 1...10  
 2.0...4.0 Nm (M 4)  
 12 / 1.0 x 5.5 mm

The tightening torque is 2 Nm when connecting AWG 6/7 conductors.

| Type              | Qty. | Order No.         |
|-------------------|------|-------------------|
| SAKH 10 EP/SW     | 50   | <b>0126700000</b> |
| SAKH 10 CUN/EP/SW | 50   | <b>1104700000</b> |

| Type              | Qty.    | Order No.         |
|-------------------|---------|-------------------|
|                   |         |                   |
|                   |         |                   |
|                   |         |                   |
|                   |         |                   |
|                   |         |                   |
|                   |         |                   |
| <b>Width</b>      |         |                   |
| AP SAKH6/10 EP/SW | 4 mm 20 | <b>0131700000</b> |

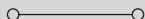
DEK 5/5  
 End bracket from EP: 0693060000 EWK 1PPS/SW.

**SAKH 35**

**35 mm<sup>2</sup>**



18 x 125 x 90  
**150 / 50**  
**4...50**



IEC 60947-7-1

| IEC  | UL       | CSA |
|------|----------|-----|
| 1000 |          |     |
| 125  |          |     |
| 35   |          |     |
|      | 8 / 3    |     |
|      | B8 / V-0 |     |



**Rated connection**

4...16 / 16...50  
 4...35 / 4...35  
 4.0...5.0 Nm (M 6)  
 18 / 6.5 x 1.2 mm

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors.

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKH 35 EP/SW | 20   | <b>1596240000</b> |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |

DEK 5/6.5  
 End bracket from EP: 0693060000 EWK 1PPS/SW.

**Modular terminals for nuclear power stations**

**TS 32 / EP**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

**Technical data**

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

**Ordering data**

| Version |
|---------|
| black   |
| Black   |
| Note    |

**Accessories**

| Screwable cross-connection  |
|-----------------------------|
| 2-pole                      |
| 3-pole                      |
| 4-pole                      |
| 10-pole                     |
| Testing / Checking          |
| Test plug                   |
| Socket                      |
| End plate / Partition plate |
| black                       |

|   |                                 |
|---|---------------------------------|
| <b>Marking systems</b>  | (see assortment in catalogue 7) |
|   | Marking tags                    |
| <b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b> |                                 |

**KMVF LI 6.3 EP/SW**

**2.5 mm<sup>2</sup>**



|             |     |     |
|-------------|-----|-----|
| 6 x 70 x 54 | 6.3 | 6.3 |
| <b>20 /</b> |     |     |

| IEC   | UL    | CSA |
|---|-------|-----|
| 800   |       |     |
| 16  |       |     |
| 2.5   |       |     |
|   | 8 / 3 |     |
|   | / V-0 |     |
| <b>Rated connection</b>   |       |     |
| 0.5...2.5   |       |     |
| 0.5...2.5 / 0.5...2.5   |       |     |
| 250 V rated voltage for standard straight alignment and 800 V rated voltage for staggered alignment with alternating KMVF LI and KMVF RE. |       |     |

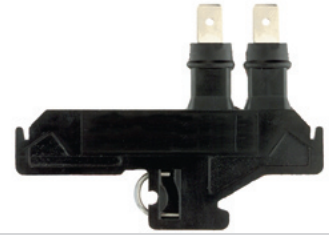
| Type              | Qty. | Order No.         |
|-------------------|------|-------------------|
| KMVF LI 6.3 EP/SW | 50   | <b>0249100000</b> |
| Note              |      |                   |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |

|   |                                 |
|---|---------------------------------|
| <b>Marking systems</b>  | (see assortment in catalogue 7) |
|   | Marking tags                    |
| <b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b> |                                 |

**KMVF RE 6.3 EP/SW**

**2.5 mm<sup>2</sup>**



|             |     |     |
|-------------|-----|-----|
| 6 x 70 x 54 | 6.3 | 6.3 |
| <b>20 /</b> |     |     |
| ...         |     |     |

| IEC   | UL    | CSA |
|---|-------|-----|
| 800   |       |     |
| 16  |       |     |
| 2.5   |       |     |
|   | 8 / 3 |     |
|   | / V-0 |     |
| <b>Rated connection</b>   |       |     |
| 0.5...2.5   |       |     |
| 0.5...2.5 / 0.5...2.5   |       |     |
| 250 V rated voltage for standard straight alignment and 800 V rated voltage for staggered alignment with alternating KMVF LI and KMVF RE. |       |     |

| Type              | Qty. | Order No.         |
|-------------------|------|-------------------|
| KMVF RE 6.3 EP/SW | 50   | <b>0249200000</b> |
| Note              |      |                   |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
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|      |      |           |
|      |      |           |

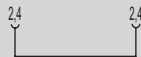
|   |                                 |
|---|---------------------------------|
| <b>Marking systems</b>  | (see assortment in catalogue 7) |
|   | Marking tags                    |
| <b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b> |                                 |

**KMVT LI 2.4 EP/SW**

0.5 mm<sup>2</sup>



6 x 70 x 62  
/  
...



| IEC                     | UL    | CSA |
|-------------------------|-------|-----|
| 800                     |       |     |
| 12                      |       |     |
| 0.5                     |       |     |
|                         | 8 / 3 |     |
|                         | / V-0 |     |
| <b>Rated connection</b> |       |     |
| 0.5...2.5               |       |     |
| 0.5...2.5 / 0.5...2.5   |       |     |

250 V rated voltage for standard straight alignment and 800 V rated voltage for staggered alignment with alternating KMVT LI and KMVT RE.

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| KMVT LI 2.4 EP/SW | 50   | 0249300000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |

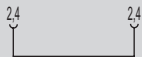
DEK 5/5

**KMVT RE 2.4 EP/SW**

0.5 mm<sup>2</sup>



6 x 70 x 62  
/  
...



| IEC                     | UL    | CSA |
|-------------------------|-------|-----|
| 800                     |       |     |
| 12                      |       |     |
| 0.5                     |       |     |
|                         | 8 / 3 |     |
|                         | / V-0 |     |
| <b>Rated connection</b> |       |     |
| 0.5...2.5               |       |     |
| 0.5...2.5 / 0.5...2.5   |       |     |

250 V rated voltage for standard straight alignment and 800 V rated voltage for staggered alignment with alternating KMVT LI and KMVT RE.

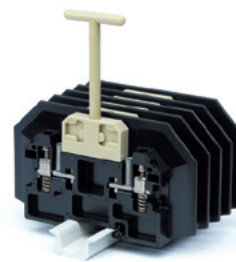
| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| KMVT RE 2.4 EP/SW | 50   | 0249400000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |

DEK 5/5

**PPT/35**

6 mm<sup>2</sup>



15 x 138 x 77  
**30 / 10**  
**0.5...10**



| IEC                     | UL     | CSA |
|-------------------------|--------|-----|
| 1500                    |        |     |
| 30                      |        |     |
| 6                       |        |     |
|                         | 15 / 3 |     |
|                         | / V-0  |     |
| <b>Rated connection</b> |        |     |
| 0.5...10 / 0.5...10     |        |     |
| 1.5...6 / 1.5...4       |        |     |

12 /

| Type   | Qty. | Order No.  |
|--------|------|------------|
| PPT/35 | 10   | 3835020000 |

| Type                  | Qty.   | Order No.     |
|-----------------------|--------|---------------|
|                       |        |               |
|                       |        |               |
|                       |        |               |
|                       |        |               |
|                       |        |               |
|                       |        |               |
|                       |        |               |
|                       |        |               |
| <b>Width</b>          |        |               |
| PS 4 F.STB 4          | 7.6 mm | 20 0299600000 |
| STB 17/D6/4/M4 SAKC10 |        | 50 0147100000 |
| AP PPT/35             | 3 mm   | 10 3835120000 |

DEK 5/5

The isolating plug (3835360000) may only be pulled out with the removal tool (3835260000). Insulated mounting rail (0514300000).



# AKZ-Series TS 15

---

## AKZ-Series TS 15

### Mini Modular Terminals

|   |      |
|---|------|
| Feed-through terminal / Disconnect-test terminal TS 15 / PA | E.2  |
| Modular PE terminals TS 15 / PA                             | E.4  |
| Fuse terminals TS 15 / PA                                   | E.6  |
| With push-on connection TS 15 / PA                          | E.8  |
| With solder connection TS 15 / PA                           | E.10 |
| With solder connection TS 15 / KrG                          | E.12 |
| With Termi-Point / Wire-Wrap connection TS 15 / PA          | E.13 |

---

## Mini modular terminals

### Feed-through terminal Disconnect-test terminal TS 15 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

#### Technical data

| Rated data                                       |                 |
|--|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Note   |                 |

#### Ordering data

| Version   | Type       | Qty. | Order No.  |
|---|------------|------|------------|
| Dark beige Wemid (PA)   | AKZ 1.5    | 100  | 0340460000 |
| Blue Wemid (PA)   | AKZ 1.5 BL | 100  | 0340480000 |
| beige (PA)  |            |      |            |
| Blue (PA)   |            |      |            |
| Note  |            |      |            |
| AKZ 1.5 order Nos 0340460000 and 0340480000 made from PA with V2 flammability rating to UL 94 |            |      |            |

#### Accessories

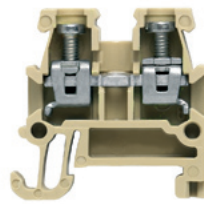
| Type                        | current      | Qty. | Order No.  |
|-----------------------------|--------------|------|------------|
| 2-pole                      | 24 A         | 50   | 0368200000 |
| 3-pole                      | 24 A         | 50   | 0368300000 |
| 4-pole                      | 24 A         | 50   | 0368400000 |
| 10-pole                     | 24 A         | 20   | 0368500000 |
| End plate / Partition plate |              |      |            |
| beige                       |              |      |            |
| Dark beige Wemid            | AP AKZ1.5    | 50   | 0340560000 |
| Blue Wemid                  | AP AKZ1.5 BL | 50   | 0340580000 |
| Dark beige Wemid            |              |      |            |
| Blue Wemid                  |              |      |            |
| Small partition             |              |      |            |
| Small partition             |              |      |            |
| End bracket                 |              |      |            |
| Dark beige Wemid            |              |      |            |
| EW 15                       | 10 mm        | 50   | 0382860000 |
| Testing / Checking          |              |      |            |
| Test plug                   |              |      |            |
| Socket                      |              |      |            |
| PS 2.3 RT                   | 5.4 mm       | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ     |              | 50   | 0215700000 |

| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

### AKZ 1.5

1.5 mm<sup>2</sup>

#### Feed-through terminal



|                   |  |
|-------------------|--|
| 5.1 x 24.8 x 25   |  |
| <b>24 / 2.5</b>   |  |
| <b>0.21...2.5</b> |  |

IEC 60947-7-1 Ex e ll Ex II 2 G D

| IEC                   | UL          | CSA         | EN 60079-7 |
|-----------------------|-------------|-------------|------------|
| 250                   | 150         | 300         | 176        |
| 17.5                  | 15          | 10          | 10         |
| 1.5                   | AWG 22...14 | AWG 24...16 | 1.5        |
| 4 / 3                 |             |             |            |
| A1 / V2               |             |             |            |
| SIRA 02ATEX3001 U     |             |             |            |
| Rated connection      |             |             |            |
| 0.5...2.5 / 1.5...1.5 |             |             |            |
| 0.5...1.5 / 0.5...1.5 |             |             |            |
| 0.4...0.6 Nm (M 2.5)  |             |             |            |
| 7 / 3.0 x 0.5 mm      |             |             |            |
| 0.5...1               |             |             |            |
| 0.5...1 / 0.5...0.75  |             |             |            |

| Type  | Qty. | Order No.  |
|---|------|------------|
| AKZ 1.5   | 100  | 0340460000 |
| AKZ 1.5 BL  | 100  | 0340480000 |
| AKZ 1.5 order Nos 0340460000 and 0340480000 made from PA with V2 flammability rating to UL 94 |      |            |

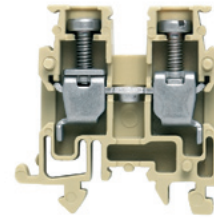
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ1.5              | 24 A    | 50   | 0368200000 |
| Q 3 AKZ1.5              | 24 A    | 50   | 0368300000 |
| Q 4 AKZ1.5              | 24 A    | 50   | 0368400000 |
| Q 10 AKZ1.5             | 24 A    | 20   | 0368500000 |
| Width                   |         |      |            |
| AP AKZ1.5               | 1.5 mm  | 50   | 0340560000 |
| AP AKZ1.5 BL            | 1.5 mm  | 50   | 0340580000 |
| EW 15                   |         |      |            |
| EW 15                   | 10 mm   | 50   | 0382860000 |
| PS 2.3 RT               |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         |      |            |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |

| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | DEK 5/5                         |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

### AKZ 2.5

2.5 mm<sup>2</sup>

#### Feed-through terminal



|                   |  |
|-------------------|--|
| 5.1 x 25.5 x 26.5 |  |
| <b>32 / 4</b>     |  |
| <b>0.13...4</b>   |  |

IEC 60947-7-1 Ex e ll Ex II 2 G D

| IEC                   | UL          | CSA         | EN 60079-7 |
|-----------------------|-------------|-------------|------------|
| 250                   | 300         | 300         | 176        |
| 24                    | 10          | 10          | 15         |
| 2.5                   | AWG 22...12 | AWG 26...10 | 2.5        |
| 4 / 3                 |             |             |            |
| A3 / V2               |             |             |            |
| SIRA 02ATEX3001 U     |             |             |            |
| Rated connection      |             |             |            |
| 0.5...4 / 1.5...2.5   |             |             |            |
| 0.5...2.5 / 0.5...2.5 |             |             |            |
| 0.4...0.6 Nm (M 2.5)  |             |             |            |
| 7 / 3.0 x 0.5 mm      |             |             |            |
| 0.5...1.5             |             |             |            |
| 0.5...1.5 / 0.5...1.5 |             |             |            |

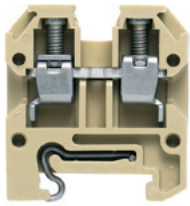
| Type  | Qty. | Order No.  |
|---|------|------------|
| AKZ 2.5   | 100  | 0697160000 |
| AKZ 2.5 BL  | 100  | 0697180000 |
| AKZ 2.5 order Nos 0697160000 and 0697180000 made from PA with V2 flammability rating to UL 94 |      |            |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ1.5              | 24 A    | 50   | 0368200000 |
| Q 3 AKZ1.5              | 24 A    | 50   | 0368300000 |
| Q 4 AKZ1.5              | 24 A    | 50   | 0368400000 |
| Q 10 AKZ1.5             | 24 A    | 20   | 0368500000 |
| Width                   |         |      |            |
| AP AKZ2.5               | 2.5 mm  | 50   | 0697360000 |
| AP AKZ2.5 BL            | 2.5 mm  | 50   | 0697380000 |
| TW AKZ2.5               |         |      |            |
| TW AKZ2.5               | 0.5 mm  | 20   | 0318560000 |
| TW AKZ2.5 BL            | 0.5 mm  | 20   | 0318580000 |
| EW 15                   |         |      |            |
| EW 15                   | 10 mm   | 50   | 0382860000 |
| PS 2.3 RT               |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         |      |            |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |

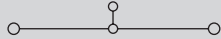
| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | DEK 5/5                         |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

**AKZ 4**

**4 mm<sup>2</sup>**



6.1 x 27 x 30.5  
**41 / 6**  
**0.13...6**



IEC 60947-7-1      Ex e II II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 400     | 300         | 300         | 275        |
| 32      | 27          | 10          | 21         |
| 4       | AWG 22...12 | AWG 24...12 | 4          |
| 6 / 3   |             |             |            |
| A3 / V2 |             |             |            |

SIRA 02ATEX3001 U

| Rated connection      |
|-----------------------|
| 0.5...6 / 1.5...4     |
| 0.5...4 / 0.5...2.5   |
| 0.6...0.8 Nm (M 3)    |
| 8 / 0.6 x 3.5 mm      |
| 0.5...1.5             |
| 0.5...1.5 / 0.5...1.5 |

| Type     | Qty. | Order No.         |
|----------|------|-------------------|
| AKZ 4    | 100  | <b>0294360000</b> |
| AKZ 4 BL | 100  | <b>0294380000</b> |

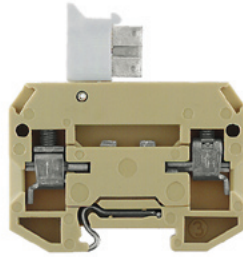
AKZ 4 order no. 0294360000 and 0294380000 made of PA with flammability class acc. to UL 94/V-2

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
| Q 10 AKZ4               | 32 A    | 20   | <b>0368600000</b> |
| Width                   |         |      |                   |
| AP AKZ4                 | 1.5 mm  | 20   | <b>0294460000</b> |
| AP AKZ4 BL              | 1.5 mm  | 20   | <b>0294480000</b> |
| TW AKZ4                 | 0.5 mm  | 50   | <b>0348260000</b> |
| TW AKZ4 BL              | 0.5 mm  | 50   | <b>0348280000</b> |
| TSCH 4 AKZ4             | 6 mm    | 100  | <b>0363360000</b> |
| EW 15                   | 10 mm   | 50   | <b>0382860000</b> |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |

DEK 5/6

**SAKR 15**

**4 mm<sup>2</sup>**



6.5 x 42 x 31  
**/ 4**  
**0.13...4**

IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 400     | 300         | 300         |
| 10      | 10          | 10          |
| 4       | AWG 22...12 | AWG 26...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |

| Rated connection    |
|---------------------|
| 0.5...4 / 1.5...4   |
| 0.5...4 / 0.5...2.5 |
| 0.5...1.0 Nm (M 3)  |
| 8 / 0.6 x 3.5 mm    |

Tightening torque via the sockets is 0.5 - 0.7 Nm.

| Type         | Qty. | Order No.         |
|--------------|------|-------------------|
| SAKR 15      | 100  | <b>0412760000</b> |
| SAKR 15 2STB | 100  | <b>0412860000</b> |

The ZH 0.5 - ZH 1.5 twin ferrules can be used.

| Type       | Qty.   | Order No.            |
|------------|--------|----------------------|
| Width      |        |                      |
| AP SAKR BE | 1.5 mm | 20 <b>0211360000</b> |
| EW 15      | 10 mm  | 50 <b>0382860000</b> |
| PS 2.3 RT  | 5.4 mm | 20 <b>0180400000</b> |

DEK 5/6.5

QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm<sup>2</sup>.

**Mini modular terminals**

**Modular PE terminals  
TS 15 / PA**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

**Technical data**

| Rated data   |                 |
|--|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjacent terminal                   | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Short-time withstand current                         |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / UL94 Flammability class       |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| solid / stranded                                     | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules           | mm <sup>2</sup> |
| Tightening torque range (clamping screw)             |                 |
| Tightening torque range (fixing screw)               |                 |
| Stripping length / Blade size                        | mm/-            |

**Note**

**Ordering data**

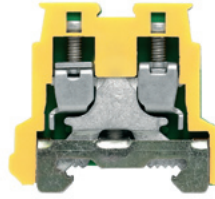
| Version           | Note |
|-------------------|------|
| green/yellow (PA) |      |

**Marking systems** (see assortment in catalogue 7)  
Marking tags  
**For detailed information on other accessories and applications, refer to the „Accessories“ section**

**AKE 2.5**

**2.5 mm<sup>2</sup>**

**PE terminal**



|                 |  |
|-----------------|--|
| 5.1 x 28 x 28   |  |
| / 4             |  |
| <b>0.13...4</b> |  |

IEC 60947-7-2 Ex e II II 2 G D

| IEC                          | UL          | CSA         | EN 60079-7  |
|------------------------------|-------------|-------------|-------------|
| 2.5                          | AWG 22...12 | AWG 26...12 | AWG 26...12 |
| 250                          |             |             |             |
| 4                            |             |             |             |
| 300 A (2.5 mm <sup>2</sup> ) |             |             |             |
| 3                            |             |             |             |
| A3 / V2                      |             |             |             |

| Rated connection      |  |
|-----------------------|--|
| 0.5...4 / 1.5...2.5   |  |
| 0.5...2.5 / 0.5...2.5 |  |
| 0.4...0.6 Nm (M 2.5)  |  |
| 0.4...0.6 Nm          |  |
| 7 / 3.0 x 0.5 mm      |  |

| Type    | Qty. | Order No.         |
|---------|------|-------------------|
| AKE 2.5 | 100  | <b>1303360000</b> |

DEK 5/5

**AKE 4 MS**

**4 mm<sup>2</sup>**

**PE terminal**



|                |  |
|----------------|--|
| 7 x 32 x 30    |  |
| / 4            |  |
| <b>0.5...4</b> |  |

IEC 60947-7-2

| IEC                        | UL | CSA |
|----------------------------|----|-----|
| 4                          |    |     |
| 480 A (4 mm <sup>2</sup> ) |    |     |
| 3                          |    |     |
| A3 / V2                    |    |     |

| Rated connection     |  |
|----------------------|--|
| 0.5...4 / 1.5...4    |  |
| 0.5...4 / 0.5...4    |  |
| 0.8...1.6 Nm (M 3.5) |  |
| 0.8...1.6 Nm         |  |
| 9 / 0.6 x 3.5 mm     |  |

| Type     | Qty. | Order No.         |
|----------|------|-------------------|
| AKE 4 MS | 50   | <b>0211200000</b> |

**AKE 4**

**4 mm<sup>2</sup>**

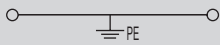
**PE terminal**



7 x 32 x 34.5

/ 4

**0.13...4**



IEC 60947-7-2

Ex e II II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7  |
|----------------------------|-------------|-------------|-------------|
| 4                          | AWG 22...12 | AWG 26...12 | AWG 26...12 |
| 500                        |             |             |             |
| 6                          |             |             |             |
| 480 A (4 mm <sup>2</sup> ) |             |             |             |
|                            | 3           |             |             |
|                            | A3 / V2     |             |             |

SIRA 02ATEX3001 U

**Rated connection**

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...1.0 Nm (M3)

0.5...1.0 Nm

9 / 0.6 x 3.5 mm

| Type  | Qty. | Order No.         |
|-------|------|-------------------|
| AKE 4 | 100  | <b>0380260000</b> |

DEK 5/6,5

## Mini modular terminals

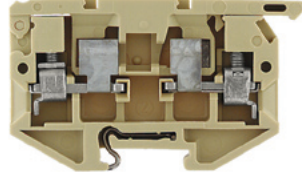
Fuse terminals  
TS 15 / PA

ASK 1/15

4 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |



8 x 58 x 34

6.3 / 4

0.13...4



## Technical data

## Rated data

|  |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## 2 conductors with same cross-section (H05V/H07V)

|  |   |
|--|---|
| solid / stranded                           | - |
| flexible / Stranded wire with end ferrules | - |

## Note

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 | 300         | 300         |
| 6.3 | 10          | 6.3         |
| 4   | AWG 22...12 | AWG 26...12 |
|     | 6 / 3       |             |
|     | A3 / V2     |             |



## Rated connection

|                    |
|--------------------|
| 0.5...4 / 1.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...1.0 Nm (M 3) |
| 9 / 0.6 x 3.5 mm   |

Note: max. conductor size = 2.5 mm<sup>2</sup> when using the cross-connection. Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

## Ordering data

## Version

Without LED

## Note

| Type     | Qty. | Order No.  |
|----------|------|------------|
| ASK 1/15 | 100  | 0376860000 |

## Accessories

## Screwable cross-connection

|        |
|--------|
| 2-pole |
| 3-pole |
| 4-pole |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA8 IS | 27 A    | 50   | 0461100000 |
| QB 3 WI RA8 IS | 27 A    | 50   | 0461200000 |
| QB 4 WI RA8 IS | 27 A    | 50   | 0461300000 |

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6,5

Contact Sleeve order no. 0553300000;  
AP ASK 1 order no. 0380360000.



**Mini modular terminals**

**with push-on connection  
TS 15 / PA**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

**Technical data**

| Rated data                                       |                 |
|--|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals  |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | -               |
| flexible / Stranded wire with end ferrules       | -               |
| Note   |                 |

**Ordering data**

| Version |          |
|---------|----------|
|         | Slotted  |
|         | Not slit |
| Note    |          |

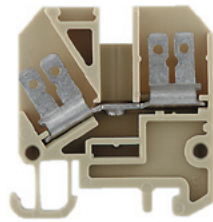
**Accessories**

| Screwable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
|                             | Dark beige Wemid |
| Testing / Checking          |                  |
|                             | Test plug        |
|                             | Socket           |
| Insulating sleeve           |                  |
|                             | 2,8              |
|                             | 6,3              |

| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

**AKZ 4 SS SE 6.3/2.8**

**2.5 mm<sup>2</sup>**



|                  |            |
|------------------|------------|
| 6 x 28.45 x 30.5 |            |
| 16 /             | 6,3<br>2,8 |

| IEC 60947-7-1 / IEC 61210   |             |             |
|---|-------------|-------------|
| IEC   | UL          | CSA         |
| 400   | 150         | 300         |
| 8   | 10          | 10          |
| 2.5   | AWG 22...12 | AWG 24...12 |
|   | 6 / 3       |             |
|   | / V2        |             |
|   |             |             |
| Rated connection  |             |             |
| ...4  |             |             |
| Rated voltage is 400 V when insulation sleeves are used I max 20 A valid when used with 2 x F 6.3 or 4 x F 2.8. |             |             |

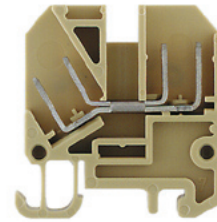
| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| AKZ 4 SS SE 6.3/2.8 | 100  | 0324560000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4SS              | 20 A    | 50   | 0369000000 |
| Q 3 AKZ4SS              | 20 A    | 50   | 0369100000 |
| Q 4 AKZ4SS              | 20 A    | 50   | 0369200000 |
| Q 10 AKZ4SS             | 20 A    | 20   | 0369300000 |
| Width                   |         |      |            |
| AP AKZ4                 | 1.5 mm  | 20   | 0294460000 |
| TW AKZ4                 | 0.5 mm  | 50   | 0348260000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| Width                   |         |      |            |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

|         |
|---------|
| DEK 5/6 |
|---------|

**AKZ 4 SS WA 2\*2.8**

**1 mm<sup>2</sup>**



|                  |     |
|------------------|-----|
| 6 x 28.45 x 30.5 |     |
| 8 / 1            | 2,8 |
| 0.2...1          | 2,8 |

| IEC 60947-7-1 / IEC 61210   |             |             |
|---|-------------|-------------|
| IEC   | UL          | CSA         |
| 400   | 150         | 300         |
| 8   | 10          | 10          |
| 1   | AWG 22...12 | AWG 24...12 |
|   | 6 / 3       |             |
|   | / V2        |             |
|   |             |             |
| Rated connection  |             |             |
| Rated voltage is 400 V when insulation sleeves are used I max 20 A valid when used with 2 x F 6.3 or 4 x F 2.8. |             |             |

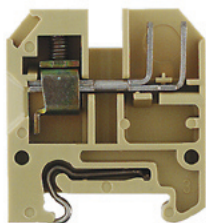
| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| AKZ 4 SS WA 2X2.8 | 100  | 0362460000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4SS              | 20 A    | 50   | 0369000000 |
| Q 3 AKZ4SS              | 20 A    | 50   | 0369100000 |
| Q 4 AKZ4SS              | 20 A    | 50   | 0369200000 |
| Q 10 AKZ4SS             | 20 A    | 20   | 0369300000 |
| Width                   |         |      |            |
| AP AKZ4                 | 1.5 mm  | 20   | 0294460000 |
| TW AKZ4                 | 0.5 mm  | 50   | 0348260000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| Width                   |         |      |            |
| IH 2.8 DB               |         | 100  | 0386060000 |

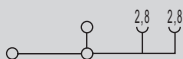
|         |
|---------|
| DEK 5/6 |
|---------|

**AKZ 4 S WA 2\*2.8**

**4 mm<sup>2</sup>**



6 x 27 x 30  
8 /  
...



IEC 60947-7-1 / IEC 61210

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 150         | 300         |
| 8   | 20          | 10          |
| 4   | AWG 22...12 | AWG 24...12 |
|     | 6 / 3       |             |
|     | A3 / V2     |             |

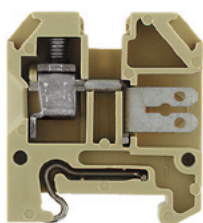


**Rated connection**

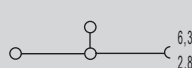
0.5...4 / 1.5...4  
0.5...4 / 0.5...1  
0.6...0.8 Nm (M 3)  
8 / 0.6 x 3.5 mm

**AKZ 4 SF SE 6.3/2.8**

**4 mm<sup>2</sup>**



6 x 27 x 30  
8 / 4  
0.2...4



IEC 60947-7-1 / IEC 61210

| IEC | UL      | CSA         |
|-----|---------|-------------|
| 400 |         | 300         |
| 8   |         | 10          |
| 4   |         | AWG 24...12 |
|     |         | 6 / 3       |
|     | A3 / V2 |             |



**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.6...0.8 Nm (M 3)  
8 / 0.6 x 3.5 mm

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| AKZ 4 S WA 2X2.8 | 100  | 0324460000 |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| AKZ 4 SF SE 6.3/2.8 | 100  | 0158760000 |

| Type                           | current | Qty. | Order No.  |
|--------------------------------|---------|------|------------|
| Q 2 AKZ4                       | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                       | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                       | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4                      | 32 A    | 20   | 0368600000 |
| <b>Width</b>                   |         |      |            |
| AP AKZ4                        | 1.5 mm  | 20   | 0294460000 |
| TW AKZ4                        | 0.5 mm  | 50   | 0348260000 |
| <b>PS 2.3 RT</b>               |         |      |            |
| PS 2.3 RT                      | 5.4 mm  | 20   | 0180400000 |
| <b>STB 8.5/D4/2.3/M2.5 AKZ</b> |         |      |            |
| STB 8.5/D4/2.3/M2.5 AKZ        |         | 50   | 0215700000 |
| <b>IH 2.8 DB</b>               |         |      |            |
| IH 2.8 DB                      |         | 100  | 0386060000 |

| Type                           | current | Qty. | Order No.  |
|--------------------------------|---------|------|------------|
| Q 2 AKZ4                       | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                       | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                       | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4                      | 32 A    | 20   | 0368600000 |
| <b>Width</b>                   |         |      |            |
| AP AKZ4                        | 1.5 mm  | 20   | 0294460000 |
| TW AKZ4                        | 0.5 mm  | 50   | 0348260000 |
| <b>PS 2.3 RT</b>               |         |      |            |
| PS 2.3 RT                      | 5.4 mm  | 20   | 0180400000 |
| <b>STB 8.5/D4/2.3/M2.5 AKZ</b> |         |      |            |
| STB 8.5/D4/2.3/M2.5 AKZ        |         | 50   | 0215700000 |
| <b>IH 2.8 DB</b>               |         |      |            |
| IH 2.8 DB                      |         | 100  | 0386060000 |
| <b>IH 6.3 WEM GE</b>           |         |      |            |
| IH 6.3 WEM GE                  |         | 100  | 0386260000 |

DEK 5/6

DEK 5/6

**Mini modular terminals**

**with solder connection  
TS 15 / PA**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


**Technical data**

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

**Ordering data**

| Version | Note  |
|---------|-------|
|         | beige |
| Note    |       |

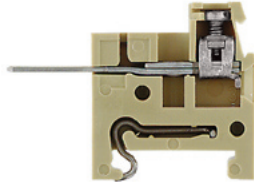
**Accessories**

| Screwable cross-connection  |                          |
|---|--------------------------|
|  | 2-pole                   |
|   | 3-pole                   |
|   | 4-pole                   |
|   | 10-pole                  |
| Switchable link   |                          |
|   | Switchable link          |
|   | Connecting sleeve        |
|   | Mounting screw           |
| Testing / Checking  |                          |
|   | Test plug                |
|   | Socket                   |
| End plate / Partition plate   |                          |
|   | Dark beige Wemid         |
|   | Dark beige Wemid         |
| Small partition   |                          |
|   | Small partition          |
| Cover / warning label   |                          |
|   | Cover / warning label    |
|   | Mounting screw (plastic) |

| Marking systems  | (see assortment in catalogue 7) |
|--|---------------------------------|
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

**AKZ 1.5L VS**

**1.5 mm<sup>2</sup>**



|                  |   |
|------------------|---|
| 5 x 34.4 x 25.5  |  |
| <b>16 / 2.5</b>  |   |
| <b>0.2...2.5</b> |   |

| IEC 60947-7-1 / IEC 60068-2-20 |    |             |
|--------------------------------|----|-------------|
| IEC                            | UL | CSA         |
| 250                            |    | 150         |
| 16                             |    | 10          |
| 1.5                            |    | AWG 24...16 |
|                                |    | 4 / 3       |
|                                |    | A1 / V2     |
| Rated connection               |    |             |
| 0.5...2.5 / 0.5...1.5          |    |             |
| 0.5...1.5 / 0.5...1.5          |    |             |
| 0.4...0.6 Nm (M 2.5)           |    |             |
| 7 / 3.0 x 0.5 mm               |    |             |

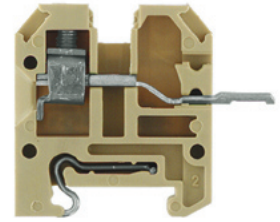
| Type        | Qty. | Order No.  |
|-------------|------|------------|
| AKZ 1.5L VS | 100  | 0340160000 |

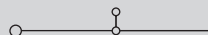
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ1.5              | 24 A    | 50   | 0368200000 |
| Q 3 AKZ1.5              | 24 A    | 50   | 0368300000 |
| Q 4 AKZ1.5              | 24 A    | 50   | 0368400000 |
| Q 10 AKZ1.5             | 24 A    | 20   | 0368500000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| Width                   |         |      |            |
| AP AKZ1.5W              | 1.5 mm  | 20   | 0329660000 |
| TW AKZ4 HP/DBR/0.5      | 0.5 mm  | 50   | 0166800000 |

| Type    | Qty. | Order No. |
|---------|------|-----------|
| DEK 5/5 |      |           |

**AKZ 4 L**

**4 mm<sup>2</sup>**



|                 |   |
|-----------------|---|
| 6 x 35.6 x 30   |  |
| <b>17.5 / 4</b> |   |
| <b>0.2...4</b>  |   |

| IEC 60947-7-1 / IEC 60068-2-20 |             |             |
|--------------------------------|-------------|-------------|
| IEC                            | UL          | CSA         |
| 250                            | 300         | 300         |
| 17.5                           | 20          | 10          |
| 4                              | AWG 22...12 | AWG 24...12 |
|                                |             | 4 / 3       |
|                                |             | A3 / V2     |
| Rated connection               |             |             |
| 0.5...4 / 1.5...4              |             |             |
| 0.5...4 / 0.5...2.5            |             |             |
| 0.6...0.8 Nm (M 3)             |             |             |
| 8 / 0.6 x 3.5 mm               |             |             |

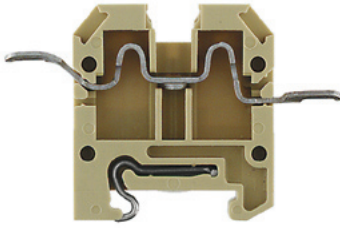
| Type         | Qty. | Order No.  |
|--------------|------|------------|
| AKZ 4L SL VS | 100  | 0334860000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| VL 2 AKZ4/DK4           |         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| Width                   |         |      |            |
| AP AKZ4                 | 1.5 mm  | 20   | 0294460000 |
| TW AKZ4                 | 0.5 mm  | 50   | 0348260000 |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M2.5X18 PA/RT      |         | 100  | 0303300000 |

| Type    | Qty. | Order No. |
|---------|------|-----------|
| DEK 5/6 |      |           |

**AKZ 4 LL VS**

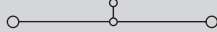
**1.5 mm<sup>2</sup>**



6 x 45.5 x 30

**17.5 / 1.5**

**0.2...1.5**



IEC 60947-7-1 / IEC 60068-2-20

| IEC  | UL          | CSA         |
|------|-------------|-------------|
| 250  | 300         | 300         |
| 17.5 | 20          | 10          |
| 1.5  | AWG 22...12 | AWG 24...12 |
|      | 4 / 3       |             |
|      | / V2        |             |



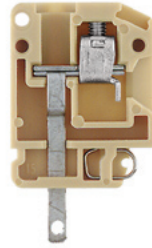
**Rated connection**

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5

**ADK 1**

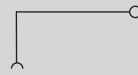
**4 mm<sup>2</sup>**



6 x 22 x 36.5

**16 / 4**

**0.13...4**



| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 300         | 300         |
| 16  | 10          | 15          |
| 4   | AWG 26...12 | AWG 26...12 |
|     | 6 / 3       |             |
|     | A3 / V2     |             |



**Rated connection**

0.5...4 / 1.5...2.5

0.5...4 / 0.5...2.5

0.5...0.8 Nm (M 3)

9 / 0.6 x 3.5 mm

| Type        | Qty. | Order No.         |
|-------------|------|-------------------|
| AKZ 4 LL VS | 100  | <b>0346460000</b> |

| Type      | Qty. | Order No.         |
|-----------|------|-------------------|
| ADK 1/1.5 | 100  | <b>0303860000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
| Q 10 AKZ4               | 32 A    | 20   | <b>0368600000</b> |
| <b>Width</b>            |         |      |                   |
| VL 2 AKZ4/DK4           | 32 A    | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4        |         | 50   | <b>0446600000</b> |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | <b>0266800000</b> |
| <b>Width</b>            |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
| <b>Width</b>            |         |      |                   |
| AP AKZ4                 | 1.5 mm  | 20   | <b>0294460000</b> |
| TW AKZ4                 | 0.5 mm  | 50   | <b>0348260000</b> |
| <b>Width</b>            |         |      |                   |
| TSCH 4 AKZ4             | 6 mm    | 100  | <b>0363360000</b> |
| <b>Width</b>            |         |      |                   |
| AD 4 AKZ4               |         | 50   | <b>0303400000</b> |
| BFSC M2.5X18 PA/RT      |         | 100  | <b>0303300000</b> |

| Type               | Qty. | Order No.         |
|--------------------|------|-------------------|
| AP ADK1            | 50   | <b>0476260000</b> |
| TW ADK1 HP/DBR/0.5 | 50   | <b>0442300000</b> |

DEK 5/6

DEK 5/6

**Mini modular terminals**

**with solder connection  
TS 15 / KrG**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |


**Technical data**

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note   |                 |

**Ordering data**

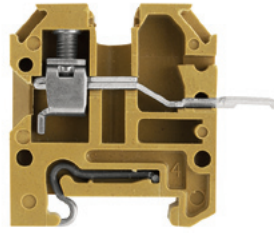
| Version |               |
|---------|---------------|
|         | Medium yellow |
|         | Blue          |
| Note    |               |

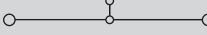
**Accessories**


| Screwable cross-connection   |                                 |
|--|---------------------------------|
|                 | 2-pole                          |
|  | 3-pole                          |
|  | 4-pole                          |
|  | 10-pole                         |
| Switchable link  |                                 |
|  | Switchable link                 |
|  | Connecting sleeve               |
|  | Mounting screw                  |
| Testing / Checking   |                                 |
|  | Test plug                       |
|  | Socket                          |
| End plate / Partition plate  |                                 |
|  | Medium yellow                   |
|  | Blue                            |
|  | Dark beige Wemid                |
|  | Dark beige Wemid                |
| Small partition  |                                 |
|  | Small partition                 |
| Cover / warning label  |                                 |
|  | Cover / warning label           |
|  | Mounting screw (plastic)        |
| Marking systems  |                                 |
|  | (see assortment in catalogue 7) |
|  | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

**AKZ 4 L KRG**

**4 mm<sup>2</sup>**



|               |   |
|---------------|---|
| 6 x 35.5 x 30 |   |
| 16 / 4        |  |
| 0.2...4       |   |

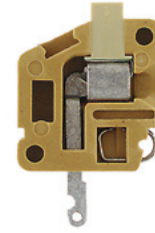
| IEC 60947-7-1 / IEC 60068-2-20  |             |             |
|---|-------------|-------------|
| IEC   | UL          | CSA         |
| 250   | 300         | 300         |
| 16  | 20          | 10          |
| 4   | AWG 22...12 | AWG 24...12 |
| 4 / 3   |             |             |
| A3 / 5VA  |             |             |
|  |             |             |
| Rated connection  |             |             |
| 0.5...4 / 1.5...4   |             |             |
| 0.5...4 / 0.5...2.5   |             |             |
| 0.6...0.8 Nm (M 3)  |             |             |
| 8 / 0.6 x 3.5 mm  |             |             |

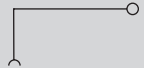
| Type             | Qty. | Order No.  |
|------------------|------|------------|
| AKZ 4L SL VS KRG | 100  | 0334820000 |


| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| VL 2 AKZ4/DK4           |         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP AKZ4                 | 1.5 mm  | 20   | 0294460000 |
| TW AKZ4                 | 0.5 mm  | 50   | 0348260000 |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M2.5X18 PA/RT      |         | 100  | 0303300000 |
| Width                   |         |      |            |
| AP AKA2.5               |         | 100  | 0162520000 |
| AP AKA2.5 KRG/BL        |         | 50   | 0162570000 |
| Marking systems         |         |      |            |
| DEK 5/6                 |         |      |            |

**AKA 2.5**

**2.5 mm<sup>2</sup>**



|             |   |
|-------------|---|
| 6 x 20 x 31 |   |
| 20 / 2.5    |  |
| 0.13...2.5  |   |

| IEC 60947-7-1 / IEC 60068-2-20  |             |             |
|---|-------------|-------------|
| IEC   | UL          | CSA         |
| 400   | 300         | 300         |
| 20  | 20          | 10          |
| 2.5   | AWG 20...12 | AWG 24...12 |
| 6 / 3   |             |             |
| A3 / V-0  |             |             |
|  |             |             |
| Rated connection  |             |             |
| 0.5...2.5 / 1.5...2.5   |             |             |
| 0.5...2.5 / 0.5...1.5   |             |             |
| 0.4...0.45 Nm (M 2.5)   |             |             |
| 9 / 0.6 x 3.5 mm  |             |             |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| AKA 2.5    | 100  | 0300720000 |
| AKA 2.5 BL | 100  | 0300770000 |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| AP AKA2.5        | 100  | 0162520000 |
| AP AKA2.5 KRG/BL | 50   | 0162570000 |
| Marking systems  |      |            |
| DEK 5/6          |      |            |

with Termi-Point / Wire-Wrap connection  
TS 15 / PA

AKZ 4 T

4 mm<sup>2</sup>

AKZ 2.5K

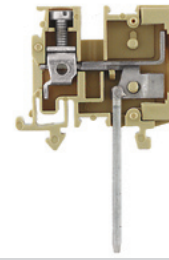
2.5 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |



|          |  |
|----------|--|
| 6 x 27 x |  |
| 10 / 4   |  |
| 0.2...4  |  |



|             |  |
|-------------|--|
| 5 x 29 x 46 |  |
| 8 / 5.26    |  |
| 0.13...5.26 |  |

Technical data


| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |

Note

Ordering data

| Version |                |
|---------|----------------|
|         | right          |
|         | Vertical right |
| Note    |                |

Accessories

| Screwable cross-connection  |                  |
|---|------------------|
|  | 2-pole           |
|   | 3-pole           |
|   | 4-pole           |
|   | 10-pole          |
| End plate / Partition plate   |                  |
|   | Dark beige Wemid |
|   | Dark beige Wemid |
| Small partition   |                  |
|   | Small partition  |
| Testing / Checking  |                  |
|   | Test plug        |
|   | Socket           |

|                        |                                 |
|------------------------|---------------------------------|
| <b>Marking systems</b> | (see assortment in catalogue 7) |
|                        | Marking tags                    |

For detailed information on other accessories and applications, refer to the „Accessories“ section

IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 250 | 300         | 300         |
| 10  | 10          | 10          |
| 4   | AWG 26...14 | AWG 24...12 |
|     | 4 / 3       |             |
|     | A3 / V2     |             |



| Rated connection    |  |
|---------------------|--|
| 0.5...4 / 1.5...4   |  |
| 0.5...4 / 0.5...2.5 |  |
| 0.6...0.8 Nm (M 3)  |  |
| 8 / 0.6 x 3.5 mm    |  |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| AKZ 4 SW 1X1 | 100  | 0445860000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| AP AKZ4                 | 1.5 mm  | 20   | 0294460000 |
| TW AKZ4                 | 0.5 mm  | 50   | 0348260000 |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |

|         |
|---------|
| DEK 5/6 |
|---------|

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 250 | 300         | 300         |
| 8   | 10          | 10          |
| 2.5 | AWG 22...12 | AWG 26...10 |
|     | 4 / 3       |             |
|     | A2 / V2     |             |



| Rated connection      |  |
|-----------------------|--|
| 0.5...2.5 / 1.5...2.5 |  |
| 0.5...2.5 / 0.5...2.5 |  |
| 0.4...0.6 Nm (M 2.5)  |  |
| 7 / 3.0 x 0.5 mm      |  |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| AKZ 2.5 K SW U/V 1X1 | 100  | 0108960000 |

| Type                    | Qty.   | Order No. |
|-------------------------|--------|-----------|
|                         |        |           |
|                         |        |           |
|                         |        |           |
| Width                   |        |           |
| AP AKZ2.5K              | 3 mm   | 50        |
| TW AKZ2.5               | 0.5 mm | 20        |
| PS 2.3 RT               | 5.4 mm | 20        |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50        |

|         |
|---------|
| DEK 5/5 |
|---------|



# Multi-pole terminal strips

---

## Multi-pole terminal strips for direct mounting

---

Screw connection

F.2

Screw connection ATEX approval

F.6

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## Multi-pole terminal strips for direct mounting

## Screw connection

MK 2/12

2.5 mm<sup>2</sup>

MK 3/2...12

2.5 mm<sup>2</sup>

|                              |                 |
|------------------------------|-----------------|
| Width/Height/ø mounting hole | mm              |
| Length / mounting dimensions |                 |
| Max. clamping range          | mm <sup>2</sup> |

**15 x 15 / 3.2**  
Refer to order data  
**0.2...4**

**15 x 16.1 / 3.45**  
Refer to order data  
**0.33...4**

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| Solid / Stranded                               | mm <sup>2</sup> |
| Flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |

IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 125      | 300         | 300         |
| 24       | 10          | 10          |
| 2.5      | AWG 24...12 | AWG 24...12 |
| 3 / 3    |             |             |
| A2 / 5VA |             |             |



## Rated connection

|                       |
|-----------------------|
| 0.5...4 / 1.5...2.5   |
| 0.5...2.5 / 0.5...1.5 |
| 0.4 Nm (M 2.5)        |
| 5 / 0.6 x 3.5 mm      |

IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300         | 300         |
| 24       | 25          | 25          |
| 2.5      | AWG 22...12 | AWG 22...12 |
| 6 / 3    |             |             |
| A2 / 5VA |             |             |



## Rated connection

|                       |
|-----------------------|
| 0.5...4 / 1.5...2.5   |
| 0.5...2.5 / 0.5...1.5 |
| 0.4...0.45 Nm (M 2.5) |
| 5 / 0.6 x 3.5 mm      |

## Note

## Ordering data

| Version |         |
|---------|---------|
| 2-pole  |         |
| 3-pole  |         |
| 4-pole  |         |
| 5-pole  |         |
| 6-pole  |         |
| 7-pole  |         |
| 8-pole  |         |
| 9-pole  |         |
| 10-pole |         |
| 12-pole | MK 2/12 |
| 14-pole |         |
| 16-pole |         |

## Note

| Type    | Length | Mounting dimensions | Qty. | Order No.  |
|---------|--------|---------------------|------|------------|
| MK 2/12 | 86 mm  | 80.0 mm             | 50   | 0241260000 |

| Type    | Length   | Mounting dimensions | Qty. | Order No.  |
|---------|----------|---------------------|------|------------|
| MK 3/2  | 17.4 mm  | 18.5 mm             | 100  | 0273820000 |
| MK 3/3  | 26.5 mm  | 18.5 mm             | 50   | 0273920000 |
| MK 3/4  | 35.75 mm | 18.5 mm             | 50   | 0274020000 |
| MK 3/5  | 45 mm    | 18.5 mm             | 50   | 0274120000 |
| MK 3/6  | 54.25 mm | 37.0 mm             | 50   | 0274220000 |
| MK 3/7  | 63.5 mm  | 37.0 mm             | 50   | 0274320000 |
| MK 3/8  | 72.75 mm | 55.5 mm             | 25   | 0274420000 |
| MK 3/9  | 82 mm    | 55.5 mm             | 25   | 0274520000 |
| MK 3/10 | 91.25 mm | 74.0 mm             | 20   | 0274620000 |
| MK 3/12 | 110 mm   | 92.5 mm             | 20   | 0243520000 |

## Accessories

| Solder strip              |           |
|---------------------------|-----------|
|                           |           |
| Marking strips, printed   |           |
|                           | Printed   |
| Marking strips, unprinted |           |
|                           | Unprinted |

| Type                   | Width | Qty. | Order No.  |
|------------------------|-------|------|------------|
| MF 2/12 1X2.8/1.6      | 75 mm | 100  | 0241760000 |
| BSTB 28/12/6.35 U 1-12 |       | 50   | 0245700000 |
| BSTB 28/12/6.35 O 1-12 |       | 50   | 0278500000 |
| BSTO 28/12/6.35        |       | 50   | 0245600000 |

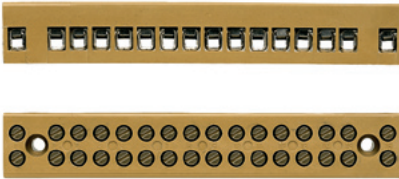
| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| BSTB 28/12 MK U 1-12 | 50   | 0245900000 |
| BSTB 28/8 MK U 1-8   | 50   | 0290200000 |
| BSTB 28/6 MK U 1-6   | 50   | 0290000000 |
| BSTO 28/12 MK        | 50   | 0245800000 |
| BSTO 28/8 MK3/8      | 50   | 0284700000 |
| BSTO 28/6 MK         | 50   | 0289500000 |
| BSTO 28/4 MK3/4      | 50   | 0289300000 |

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section.

**MK 4/16**

2.5 mm<sup>2</sup>



**17 x 16 / 3.4**

Refer to order data

**0.2...4**

IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 150         | 150         |
| 24       | 20          | 15          |
| 2.5      | AWG 22...12 | AWG 22...12 |
| 6 / 3    |             |             |
| A2 / 5VA |             |             |

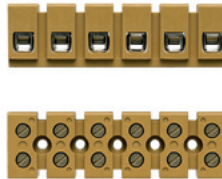


**Rated connection**

0.5...4 / 1.5...2.5  
 0.5...2.5 / 0.5...1.5  
 0.4...0.45 Nm (M 2.5)  
 5 / 0.6 x 3.5 mm

**MK 6/2...6/6**

6 mm<sup>2</sup>



**23 x 22 / 3.4**

Refer to order data

**0.33...6**

IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 690      | 300         | 300         |
| 41       | 30          | 40          |
| 6        | AWG 22...10 | AWG 22...10 |
| 8 / 3    |             |             |
| A3 / 5VA |             |             |

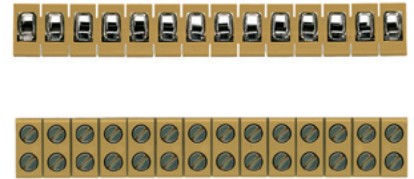


**Rated connection**

0.5...6 / 1.5...6  
 0.5...6 / 0.5...4  
 1.2...2.0 Nm (M 4)  
 9 / 4.0 x 0.8 mm

**MK 10/14**

2.5 mm<sup>2</sup>



**13.5 x 12 / 3.1**

Refer to order data

**0.21...4**

IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 125     | 150         | 300         |
| 24      | 25          | 10          |
| 2.5     | AWG 22...12 | AWG 24...12 |
| 3 / 3   |             |             |
| A2 / V2 |             |             |



**Rated connection**

0.5...4 / 1.5...2.5  
 0.5...2.5 / 0.5...1.5  
 0.4...0.45 Nm (M 2.5)  
 6 / 0.6 x 3.5 mm

| Type    | Length | Mounting dimensions | Qty. | Order No.  |
|---------|--------|---------------------|------|------------|
| MK 4/16 | 103 mm | 85.5 mm             | 20   | 0244220000 |

| Type   | Length  | Mounting dimensions | Qty. | Order No.  |
|--------|---------|---------------------|------|------------|
| MK 6/2 | 23.5 mm |                     | 50   | 0620420000 |
| MK 6/3 | 36.5 mm | 13.0 mm             | 50   | 0620320000 |
| MK 6/4 | 49.5 mm | 26.0 mm             | 20   | 0620220000 |
| MK 6/6 | 75.5 mm | 52.0 mm             | 20   | 0620120000 |

| Type     | Length  | Mounting dimensions | Qty. | Order No.  |
|----------|---------|---------------------|------|------------|
| MK 10/14 | 88.5 mm |                     | 20   | 0370160000 |

| Type                 | Breite | Qty. | Order No.  |
|----------------------|--------|------|------------|
| BSTB 28/16 MK U 1-16 |        | 50   | 0262200000 |
| BSTB 28/16 MK O 1-16 |        | 50   | 0278700000 |
| BSTO 28/16 MK 4/16   |        | 50   | 0262100000 |

| Type | Breite | Qty. | Order No. |
|------|--------|------|-----------|
|------|--------|------|-----------|

| Type | Breite | Qty. | Order No. |
|------|--------|------|-----------|
|------|--------|------|-----------|

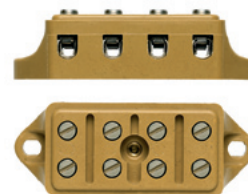
## Multi-pole terminal strips for direct mounting

## Screw connection

MK 5/2 0.DE

2.5 mm<sup>2</sup>

KS 2...10

2.5 mm<sup>2</sup>

|                              |                 |
|------------------------------|-----------------|
| Width/Height/ø mounting hole | mm              |
| Length / mounting dimensions |                 |
| Max. clamping range          | mm <sup>2</sup> |

**18 x 14 / 4.2**  
Refer to order data  
**0.2...4**

**25 x 17.5 / 4.2**  
Refer to order data  
**0.2...4**

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

| IEC | UL       | CSA |
|-----|----------|-----|
| 500 |          |     |
| 24  |          |     |
| 2.5 |          |     |
|     | 6 / 3    |     |
|     | A2 / 5VA |     |

IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 | 300         | 300         |
| 24  | 20          | 25          |
| 2.5 | AWG 22...12 | AWG 24...12 |
|     | 6 / 3       |             |
|     | A2 / 5VA    |             |

## Clamped conductors (H05V/H07V)

|  |                 |
|--|-----------------|
| Solid / Stranded                           | mm <sup>2</sup> |
| Flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Rated connection

|                       |
|-----------------------|
| 0.5...4 / 1.5...2.5   |
| 0.5...2.5 / 0.5...1.5 |
| 0.4 Nm (M 2.5)        |
| 5 / 0.6 x 3.5 mm      |

IEC 60947-7-1

## Rated connection

|                       |
|-----------------------|
| 0.5...4 / 1.5...2.5   |
| 0.5...2.5 / 0.5...1.5 |
| 0.5...0.7 Nm (M 3)    |
| 8 / 4.0 x 0.8 mm      |

## Note

## Ordering data

| Version |
|---------|
| 2-pole  |
| 3-pole  |
| 4-pole  |
| 6-pole  |
| 10-pole |
| 12-pole |

| Type        | Length | Mounting dimensions | Qty. | Order No.         |
|-------------|--------|---------------------|------|-------------------|
| MK 5/2 0.DE | 40 mm  | 32.0 mm             | 100  | <b>0243820000</b> |

| Type        | Length | Mounting dimensions | Qty. | Order No.         |
|-------------|--------|---------------------|------|-------------------|
| KS 2 0.D2   | 42 mm  | 32.0 mm             | 100  | <b>0134420000</b> |
| KS 4 0.D4   | 66 mm  | 56.0 mm             | 50   | <b>0140320000</b> |
| KS 6 0.D6   | 90 mm  | 80.0 mm             | 50   | <b>0140620000</b> |
| KS 10 0.D10 | 138 mm | 128.0 mm            | 20   | <b>0141620000</b> |

## Note

## Accessories

| Lid / cover |
|-------------|
|-------------|

| Type            | Width | Qty. | Order No.         |
|-----------------|-------|------|-------------------|
| D 2 MK5/2 PA/NA | 18 mm | 50   | <b>0244060000</b> |

| Type        | Width  | Qty. | Order No.         |
|-------------|--------|------|-------------------|
| D2 KS2 TP   | 25 mm  | 100  | <b>0134500000</b> |
| D4 KS4 TP   | 48 mm  | 50   | <b>0140500000</b> |
| D6 KS6 TP   | 72 mm  | 50   | <b>0140800000</b> |
| D10 KS10 TP | 120 mm | 20   | <b>0141800000</b> |

## Marking strips, printed

Printed

|                   |  |    |                   |
|-------------------|--|----|-------------------|
| ELSB 2 BEZ. 1-2   |  | 50 | <b>0143200000</b> |
| ELSB 4 BEZ. 1-4   |  | 50 | <b>0143300000</b> |
| ELSB 6 BEZ. 1-6   |  | 50 | <b>0143400000</b> |
| ELSB 10 BEZ. 1-10 |  | 50 | <b>0143500000</b> |

## Marking strips, unprinted

Unprinted

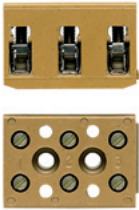
|                 |  |    |                   |
|-----------------|--|----|-------------------|
| ELSO 2 F.KS 2   |  | 50 | <b>0142800000</b> |
| ELSO 4 F.KS 4   |  | 50 | <b>0142900000</b> |
| ELSO 6 F.KS 6   |  | 50 | <b>0143000000</b> |
| ELSO 10 F.KS 10 |  | 50 | <b>0143100000</b> |

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section.

**BK 2...12**

**4 mm<sup>2</sup>**



**22 x 20 / 3.4**

Refer to order data

**0.33...4**

IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 300         | 300         |
| 32  | 10          | 10          |
| 4   | AWG 22...12 | AWG 22...12 |
|     | 6 / 3       |             |
|     | A3 / 5VA    |             |

**UL**

**Rated connection**

0.5...4 / 1.5...4

0.5...4 / 0.5...4

0.5...0.6 Nm (M 3)

8 / 4.0 x 0.8 mm

2 single-wire conductors with same cross-section (0.5...1.5 mm<sup>2</sup>) can be connected.

| Type      | Length | Mounting dimensions | Qty. | Order No.         |
|-----------|--------|---------------------|------|-------------------|
| BK 2 CRN  | 20 mm  |                     | 100  | <b>0624720000</b> |
| BK 3 CRN  | 31 mm  | 11.0 mm             | 100  | <b>0624920000</b> |
| BK 4 CRN  | 38 mm  | 18.0 mm             | 100  | <b>0625120000</b> |
| BK 6 CRN  | 52 mm  | 32.0 mm             | 50   | <b>0625220000</b> |
| BK 12 CRN | 92 mm  | 72.5 mm             | 25   | <b>0625320000</b> |

| Type                 | Width | Qty. | Order No.         |
|----------------------|-------|------|-------------------|
| BSTB 28/2 BK U 1-2   |       | 50   | <b>0203600000</b> |
| HASUE SAKR15LS       |       | n.a. | <b>2038000000</b> |
| BSTB 28/4 BK U 1-4   |       | 50   | <b>0197300000</b> |
| BSTB 28/6 BK U 1-6   |       | 50   | <b>0197500000</b> |
| BSTB 28/12 BK U 1-12 |       | 50   | <b>0198800000</b> |
| BSTO 28/2 BK         |       | 50   | <b>0203500000</b> |
| BSTO 28/3 BK         |       | 50   | <b>0203700000</b> |
| BSTO 28/4 BK         |       | 50   | <b>0197200000</b> |
| BSTO 28/6 BK         |       | 50   | <b>0197400000</b> |
| BSTO 28/12 BK        |       | 50   | <b>0198700000</b> |

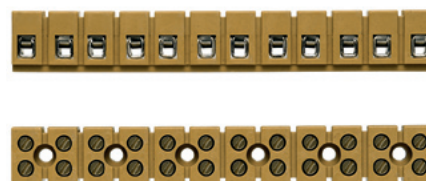
## Multi-pole terminal strips for direct mounting

Screw connection  
ATEX approval

BK 2...12/E

4 mm<sup>2</sup>

MK 3/2...12/E

2.5 mm<sup>2</sup>

|                              |                 |
|------------------------------|-----------------|
| Width/Height/ø mounting hole | mm              |
| Length / mounting dimensions |                 |
| Max. clamping range          | mm <sup>2</sup> |

**22 x 20 / 3.4**  
Refer to order data  
**0.33...4**

**15 x 16.1 / 3.45**  
Refer to order data  
**0.33...4**

## Technical data

| Rated data                                     |                 |
|--|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| Solid / Stranded                               | mm <sup>2</sup> |
| Flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |

IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 |             |             |
| 32  |             |             |
| 4   | AWG 22...12 | AWG 22...12 |
|     | 6 / 3       |             |
|     | A3 / 5VA    |             |

IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 |             |             |
| 24  |             |             |
| 2.5 | AWG 22...12 | AWG 22...12 |
|     | 6 / 3       |             |
|     | A2 / 5VA    |             |



## Rated connection

|                    |
|--------------------|
| 0.5...4 / 1.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...0.6 Nm (M 3) |
| 8 / 4.0 x 0.8 mm   |



## Rated connection

|                       |
|-----------------------|
| 0.5...4 / 1.5...2.5   |
| 0.5...2.5 / 0.5...1.5 |
| 0.4...0.45 Nm (M 2.5) |
| 5 / 0.6 x 3.5 mm      |

## Note

2 single-wire conductors with same cross-section (0.5...1.5 mm<sup>2</sup>) can be connected.

## Ordering data

| Version |  |
|---------|--|
| 2-pole  |  |
| 3-pole  |  |
| 4-pole  |  |
| 5-pole  |  |
| 6-pole  |  |
| 7-pole  |  |
| 8-pole  |  |
| 9-pole  |  |
| 10-pole |  |
| 11-pole |  |
| 12-pole |  |

| Type    | Length | Mounting dimensions | Qty. | Order No.  |
|---------|--------|---------------------|------|------------|
| BK 2/E  | 20 mm  |                     | 100  | 7906040000 |
| BK 3/E  | 31 mm  | 11.0 mm             | 100  | 7906060000 |
| BK 4/E  | 38 mm  | 18.0 mm             | 100  | 7906080000 |
| BK 6/E  | 52 mm  | 32.0 mm             | 50   | 7906090000 |
| BK 12/E | 92 mm  | 72.5 mm             | 25   | 7906100000 |

| Type      | Length   | Mounting dimensions | Qty. | Order No.  |
|-----------|----------|---------------------|------|------------|
| MK 3/2/E  | 17.4 mm  | 18.5 mm             | 100  | 7906110000 |
| MK 3/3/E  | 26.5 mm  | 18.5 mm             | 100  | 7906120000 |
| MK 3/4/E  | 35.75 mm | 18.5 mm             | 50   | 7906130000 |
| MK 3/5/E  | 45 mm    | 18.5 mm             | 50   | 7906140000 |
| MK 3/6/E  | 54.25 mm | 37.0 mm             | 50   | 7906150000 |
| MK 3/7/E  | 63.5 mm  | 37.0 mm             | 25   | 7906160000 |
| MK 3/8/E  | 72.75 mm | 55.5 mm             | 25   | 7906170000 |
| MK 3/9/E  | 82 mm    | 55.5 mm             | 25   | 7906180000 |
| MK 3/10/E | 91.25 mm | 74.0 mm             | 25   | 7906190000 |
| MK 3/11/E | 100.5 mm | 74.0 mm             | 20   | 7906200000 |
| MK 3/12/E | 110 mm   | 92.5 mm             | 25   | 7906210000 |

## Note

## Accessories

| Marking strips, printed |  |
|-------------------------|--|
| Printed                 |  |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| BSTB 28/2 BK U 1-2   | 50   | 0203600000 |
| HASUE SAKR15LS       | n.a. | 2038000000 |
| BSTB 28/4 BK U 1-4   | 50   | 0197300000 |
| BSTB 28/6 BK U 1-6   | 50   | 0197500000 |
| BSTB 28/12 BK U 1-12 | 50   | 0198800000 |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| BSTB 28/12 MK U 1-12 | 50   | 0245900000 |
| BSTB 28/8 MK U 1-8   | 50   | 0290200000 |
| BSTB 28/6 MK U 1-6   | 50   | 0290000000 |

| Marking strips, unprinted |  |
|---------------------------|--|
| Unprinted                 |  |

|               |    |            |
|---------------|----|------------|
| BSTO 28/2 BK  | 50 | 0203500000 |
| BSTO 28/3 BK  | 50 | 0203700000 |
| BSTO 28/4 BK  | 50 | 0197200000 |
| BSTO 28/6 BK  | 50 | 0197400000 |
| BSTO 28/12 BK | 50 | 0198700000 |

|                 |    |            |
|-----------------|----|------------|
| BSTO 28/12 MK   | 50 | 0245800000 |
| BSTO 28/8 MK3/8 | 50 | 0284700000 |
| BSTO 28/6 MK    | 50 | 0289500000 |
| BSTO 28/4 MK3/4 | 50 | 0289300000 |

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

**MK 6/2...6/E**

**6 mm<sup>2</sup>**



**23 x 22 / 3.4**

Refer to order data

**0.33...6**

IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 690 |             |             |
| 41  |             |             |
| 6   | AWG 22...10 | AWG 22...10 |
|     | 8 / 3       |             |
|     | A3 / 5VA    |             |



**Rated connection**

0.5...6 / 1.5...6

0.5...6 / 0.5...4

1.2...2.0 Nm (M 4)

9 / 4.0 x 0.8 mm

| Type     | Length  | Mounting dimensions | Qty. | Order No.         |
|----------|---------|---------------------|------|-------------------|
| MK 6/2/E | 23.5 mm |                     | 50   | <b>7906220000</b> |
| MK 6/3/E | 36.5 mm | 13.0 mm             | 50   | <b>7906230000</b> |
| MK 6/4/E | 49.5 mm | 26.0 mm             | 20   | <b>7906240000</b> |
| MK 6/5/E | 62.5 mm | 26.0 mm             | 20   | <b>7906250000</b> |
| MK 6/6/E | 75.5 mm | 52.0 mm             | 20   | <b>7906260000</b> |

| Type | Width | Qty. | Order No. |
|------|-------|------|-----------|
|      |       |      |           |
|      |       |      |           |
|      |       |      |           |
|      |       |      |           |
|      |       |      |           |
|      |       |      |           |
|      |       |      |           |



# KLBÜ shielded connection

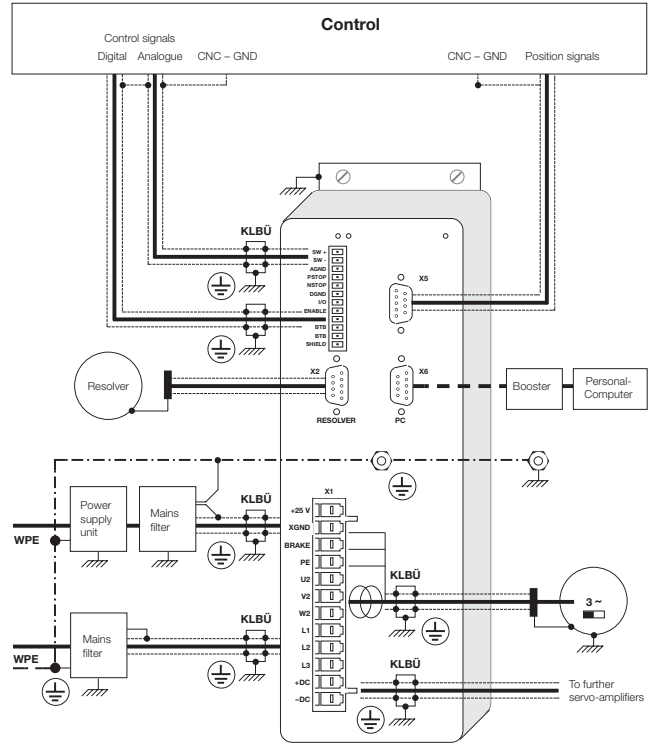
|                                 |  |      |
|---------------------------------|--|------|
| <b>KLBÜ shielded connection</b> | <b>Overview shield connection terminals KLBÜ</b>                           | G.2  |
|                                 | <b>Shield connection terminals KLBÜ for 10 x 3 mm busbars</b>              |      |
|                                 | Clamping yoke  | G.4  |
|                                 | Busbar holders   | G.6  |
|                                 | <b>Shield connection terminals KLBÜ – Mounting directly on metal plate</b> |      |
|                                 | Clamping yoke  | G.8  |
|                                 | Busbar holder / Spacer   | G.9  |
|                                 | <b>Shield connection terminals KLBÜ – Mounting on TS 35</b>                |      |
|                                 | FM 4-foot / Clamping yoke holder   | G.10 |
|                                 | <b>Shield connection terminals KLBÜ for the C profile</b>                  |      |
|                                 | Clamping yoke  | G.11 |

# The theoretical concept

Part 1 of the VDE 0133 standard specifies the required equipotential bonding for the electrical components of a machine. The aim is to prevent any undesirable consequences occurring as a result of electrostatic, electromagnetic and net-work bound interference.

The following measures serve this purpose:

- Using filters and time delay devices.
- Dividing earth (PE) into “dirty” and “clean”.
- Neutral grounding using large earth cables for bonding.
- Keeping all bonding leads as short as possible.
- Routing all connections parallel to the bonding surface.
- Separation and shielding of switching devices and interference sensitive equipment, shielded at one end only.
- Shielded lines are used for all motor and all signal connection. These shielded cables for signals are grounded at one end. Drives to Motors should be grounded at both ends.
- The mass current is neutral grounded



## Overview of KLBÜ fittings available

For busbars  
10 x 3



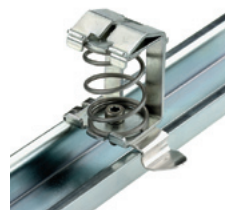
For direct mounting



For C-profiles



For TS 35  
insulating/conducting



Clip-on for  
10 x 3 busbar



# In detail

## Compression spring

- To ensure both simple handling and proper connection with permanent contact pressure as a result of the spring effect

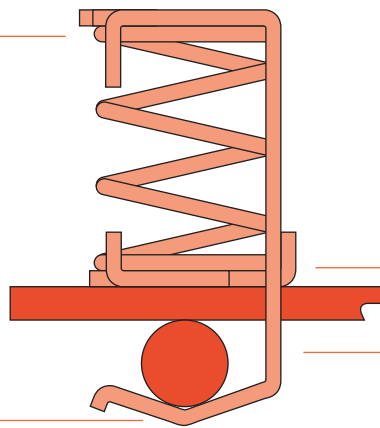
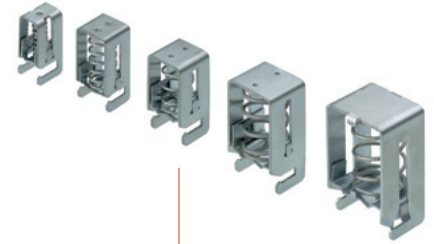


## No extra tools necessary

- Simply **swivel onto the busbar by hand** – retrospectively if necessary

## Full range

- For conductors from 2 to 37 mm diameter



## Reliable contact

- Changes in diameter (flow) of the conductor compensated for by the elastic behaviour of the clamping yoke for flexible adjustment to the cable diameter

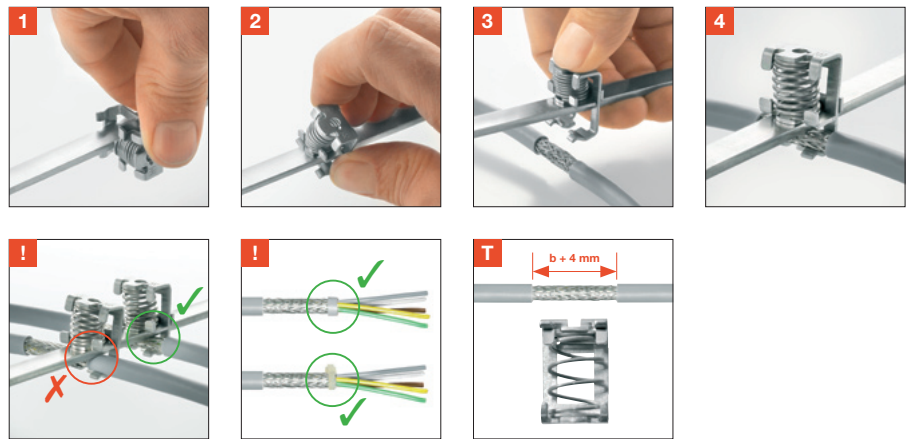
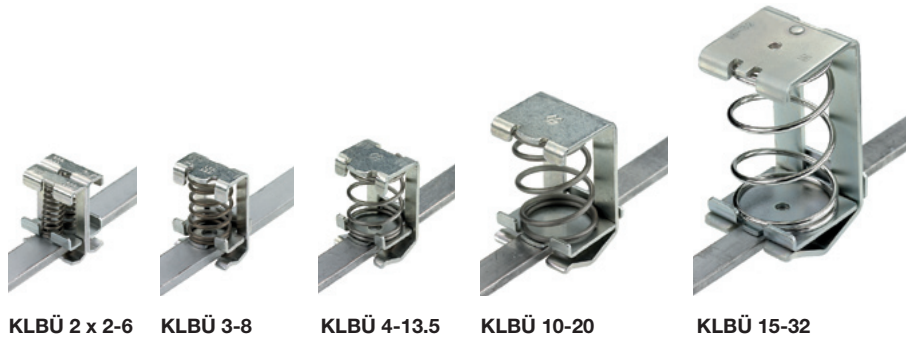
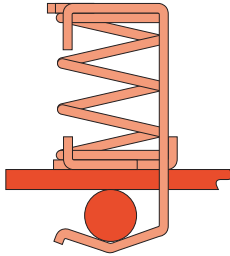
## Many options available

- Weidmüller offers a wide range of different fastenings for mounting shield connection terminals

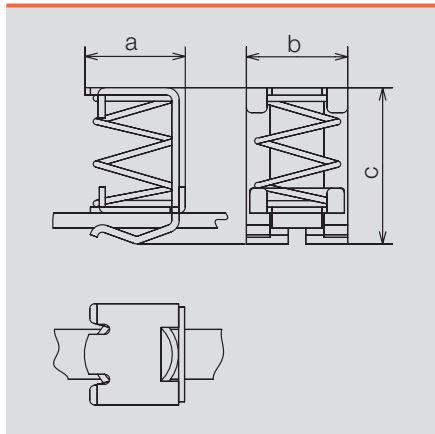
## Shield connection terminals KLBÜ for 10 x 3 mm busbars



### Clamping yoke

Cable fastened against the busbar from below



### KLBÜ



Marking on the product:   
 Marking EN 50019:  Ex e II  
 Marking EX-RL 94/9/EC: II 2 G D  
 EC type testing certificate: DMT 02 ATEX E 024 U

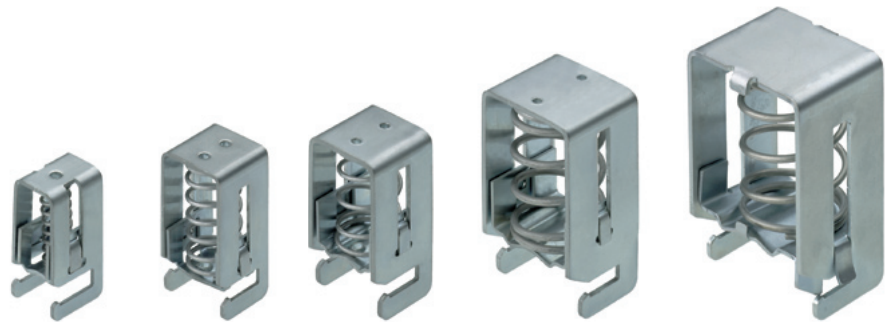
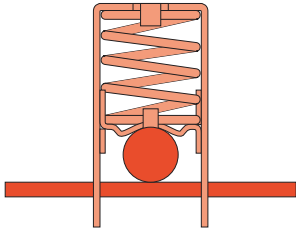
### Ordering data

| Type          | For cable diameter | Dimensions (a x b x c) mm | Qty. | Order No.  |
|---------------|--------------------|---------------------------|------|------------|
| KLBÜ 2 x 2-6  | 2.0 ... 6.0 mm     | 15.0 x 18.0 x 24.0        | 10   | 1675350000 |
| KLBÜ 3-8      | 3.0 ... 8.0 mm     | 13.0 x 18.0 x 26.0        | 10   | 1600480000 |
| KLBÜ 4 x 13.5 | 4.0 ... 13.5 mm    | 20.0 x 20.5 x 31.5        | 10   | 1592810000 |
| KLBÜ 10-20    | 10.0 ... 20.0 mm   | 25.0 x 26.0 x 40.0        | 10   | 1600490000 |
| KLBÜ 15-32    | 15.0 ... 32.0 mm   | 36.0 x 32.0 x 63.9        | 10   | 1716300000 |

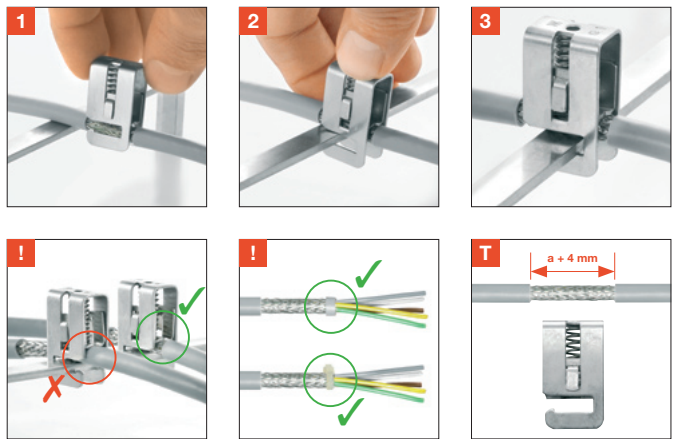
| 10 x 3 mm busbars             | Length    | Material   | Qty. | Order No.  |
|-------------------------------|-----------|------------|------|------------|
| SSch 10 x 3 x 1000 Cu, Sn, Pb | 1000.0 mm | Cu, Sn, Pb | 1    | 0348900000 |
| SSch 10 x 3 x 1000 Fe, Zn, 8B | 1000.0 mm | Fe, Zn, 8B | 1    | 1746130000 |

### Clamping yoke

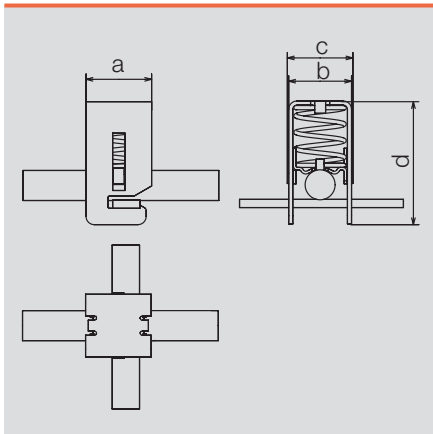
Cable fastened onto the busbar from above





KLBÜ CO 1    KLBÜ CO 2    KLBÜ CO 3    KLBÜ CO 4    KLBÜ CO 5



### KLBÜ CO



Marking on the product:   
 Marking EN 50019:  Ex e II  
 Marking EX-RL 94/9/EC: II 2 G D  
 EC type testing certificate: DMT 02 ATEX E 024 U

### Ordering data

| Type      | For cable diameter | Dimensions (a x b x c x d) mm | Qty. | Order No.  |
|-----------|--------------------|-------------------------------|------|------------|
| KLBÜ CO 1 | 3.0 ... 10.0 mm    | 18.0 x 12.0 x 13.2 x 32.0     | 10   | 1753311001 |
| KLBÜ CO 2 | 4.0 ... 15.0 mm    | 18.0 x 20.0 x 21.1 x 41.6     | 10   | 1752131001 |
| KLBÜ CO 3 | 10.0 ... 20.0 mm   | 25.0 x 23.0 x 24.0 x 45.0     | 10   | 1749151001 |
| KLBÜ CO 4 | 15.0 ... 28.0 mm   | 25.0 x 31.0 x 32.0 x 56.0     | 10   | 1749161001 |
| KLBÜ CO 5 | 20.0 ... 37.0 mm   | 32.0 x 40.0 x 42.7 x 64.5     | 10   | 1755081001 |

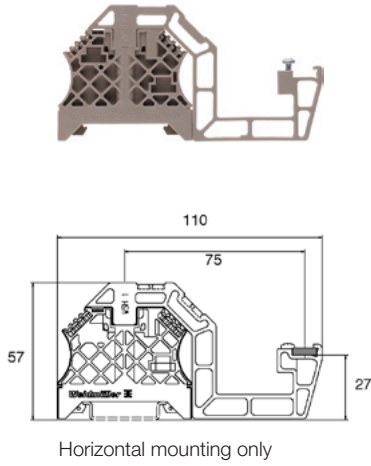
| 10 x 3 mm busbars             | Length    | Material   | Qty. | Order No.  |
|-------------------------------|-----------|------------|------|------------|
| SSch 10 x 3 x 1000 Cu, Sn, Pb | 1000.0 mm | Cu, Sn, Pb | 1    | 0348900000 |
| SSch 10 x 3 x 1000 Fe, Zn, 8B | 1000.0 mm | Fe, Zn, 8B | 1    | 1746130000 |

## Shield connection terminals KLBÜ for 10 x 3 mm busbars

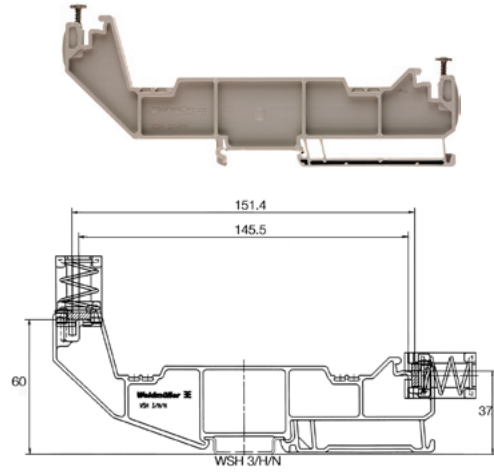
### Busbar holders

Insulated mounting on TS 35

#### Type WSH 1

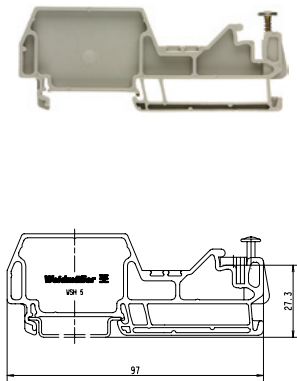


#### Type WSH 3/H/N

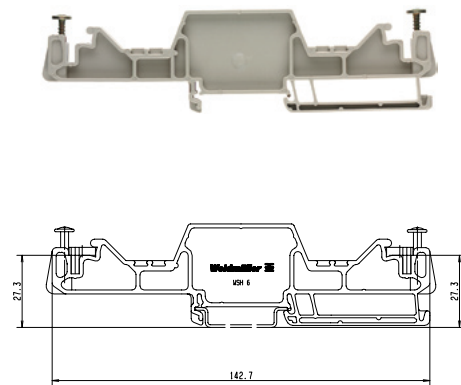


**G**

#### Type WSH 5



#### Type WSH 6



### WSH

EC type testing certificate: DMT 02 ATEX E 024 U

### Ordering data

| Type      | Width  | Qty. | Order No.  |
|-----------|--------|------|------------|
| WSH 1     | 8.0 mm | 10   | 1068700000 |
| WSH 3/H/N | 8.0 mm | 10   | 1715970000 |
| WSH 5     | 8.0 mm | 10   | 1080100000 |
| WSH 6     | 8.0 mm | 10   | 1080200000 |

| 10 x 3 mm busbars             | Length    | Material   | Qty. | Order No.  |
|-------------------------------|-----------|------------|------|------------|
| SSch 10 x 3 x 1000 Cu, Sn, Pb | 1000.0 mm | Cu, Sn, Pb | 1    | 0348900000 |

## Busbar holders

Conductive mounting on TS 35

**TS 35-Clip**  
BS 35/WSH 2



**Busbar connector**  
BFEH 1/WSH

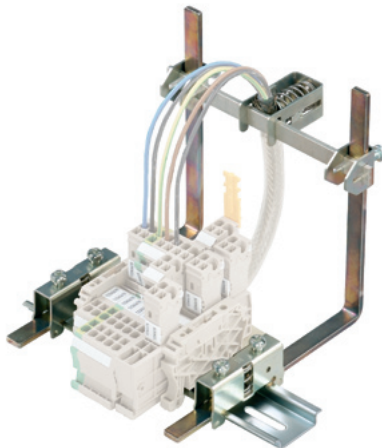


**Angled rail**  
SMSE WSH U1MT



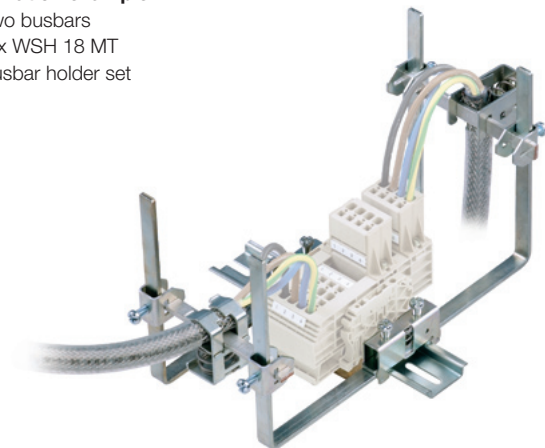
### Installation example 1

- One busbar
- 2 x WSH 19 MT busbar holder set



### Installation example 2

- Two busbars
- 2 x WSH 18 MT busbar holder set



## WSH

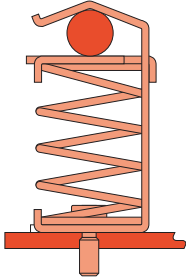
EC type testing certificate: DMT 02 ATEX E 024 U

## Ordering data

| TS 35-Clip                    | Dimensions (L x B x H) mm             |            |                  | Qty.       | Order No.  |           |
|-------------------------------|---------------------------------------|------------|------------------|------------|------------|-----------|
| BS 35/WSH 2                   | 52.0 x 37.0 x 13.0                    |            |                  | 10         | 1760720000 |           |
| Busbar connector              | Dimensions (L x B x H) mm             |            |                  | Qty.       | Order No.  |           |
| BFEH 1/WSH                    | 20.0 x 31.0 x 13.5                    |            |                  | 10         | 1082400000 |           |
| Angled rail                   | Dimensions (L x B x H) mm             |            |                  | Qty.       | Order No.  |           |
| SMSE WSH U1MT                 | 134.0 x 13.0 x 134.0                  |            |                  | 10         | 1083900000 |           |
| Busbar holder sets            | Contents (parts loose in plastic bag) |            |                  |            | Qty.       | Order No. |
|                               | BS 35/WSH 2                           | BFEH 1/WSH | SMSE WSH U1MT    |            |            |           |
| WSH 18 MT                     | 1 ea.                                 | 2 ea.      | 2 ea.            | 10         | 1083100000 |           |
| WSH 19 MT                     | 1 ea.                                 | 1 ea.      | 1 ea.            | 10         | 1083200000 |           |
| WSH 20 MT                     | 1 ea.                                 | 1 ea.      | 1 ea. (straight) | 10         | 1752950000 |           |
| 10 x 3 mm busbars             | Length                                | Material   | Qty.             | Order No.  |            |           |
| SSch 10 x 3 x 1000 Cu, Sn, Pb | 1000.0 mm                             | Cu, Sn, Pb | 1                | 0348900000 |            |           |
| SSch 10 x 3 x 1000 Fe, Zn, 8B | 1000.0 mm                             | Fe, Zn, 8B | 1                | 1746130000 |            |           |

Shield connection terminals KLBÜ – Mounting directly on metal plate

Clamping yoke



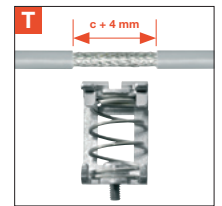
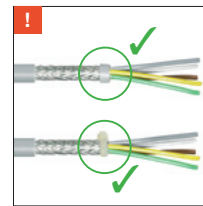
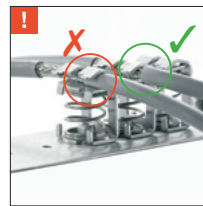
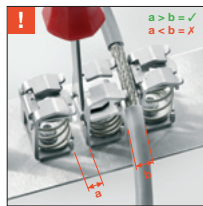
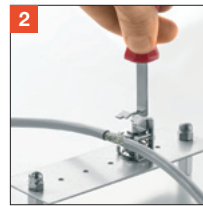
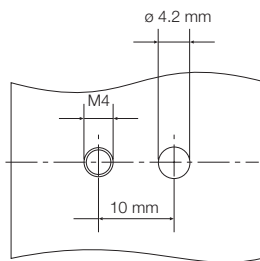
KLBÜ 3-8 SC

KLBÜ 4-13.5 SC

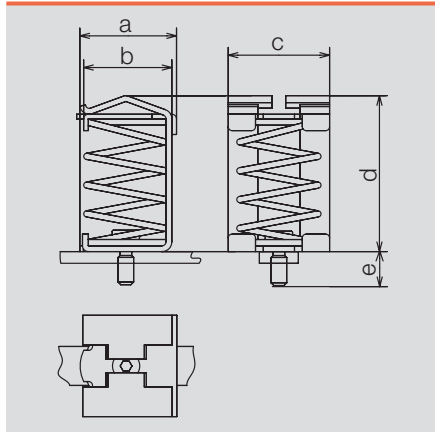
KLBÜ 10-20 SC

KLBÜ 15-32 SC

Drilling template KLBÜ 15-32 SC



KLBÜ SC



Marking on the product:   
 Marking EN 50019: Ex e II   
 Marking EX-RL 94/9/EC: II 2 G D   
 EC type testing certificate: DMT 02 ATEX E 024 U

Ordering data

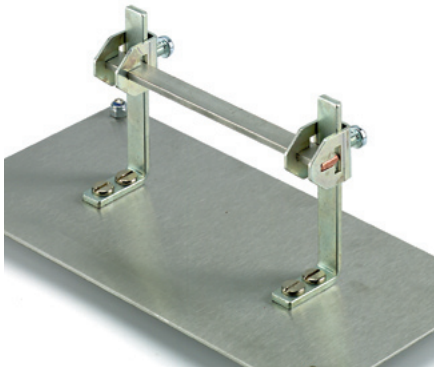
| Type           | For cable diameter | Thread length | Dimensions (a x b x c) mm | Qty. | Order No.  |
|----------------|--------------------|---------------|---------------------------|------|------------|
| KLBÜ 3-8 SC    | 3.0 ... 8.0 mm     | 5.65 mm       | 13.5 x 11.5 x 18.0 x 26.0 | 10   | 1692261001 |
| KLBÜ 4-13.5 SC | 4.0 ... 13.5 mm    | 5.30 mm       | 20.0 x 17.8 x 20.3 x 31.4 | 10   | 1712311001 |
| KLBÜ 10-20 SC  | 10.0 ... 20.0 mm   | 5.30 mm       | 24.8 x 23.0 x 26.0 x 40.0 | 10   | 1712321001 |
| KLBÜ 15-32 SC  | 15.0 ... 32.0 mm   | 4.80 mm       | 36.0 x 33.3 x 32.0 x 64.0 | 10   | 1718341001 |

| Operating tool | Qty. | Order No.  |
|----------------|------|------------|
| BTWZ KLBÜ      | 1    | 1742630000 |

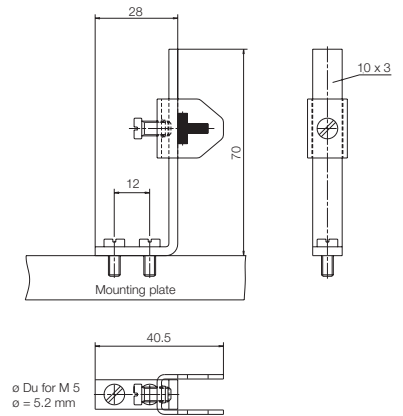


Busbar holder / Spacer

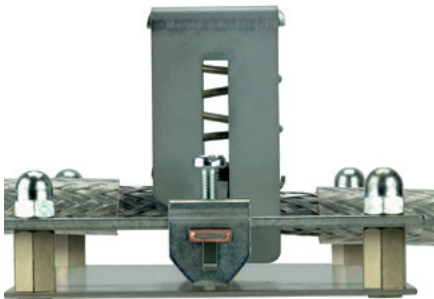
Busbar holder



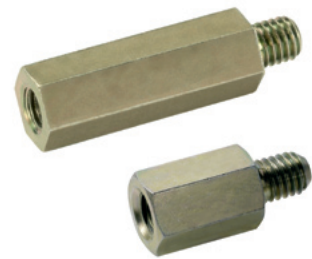
Set (WSH 4 MT) consisting of:  
 – 1 busbar holder  
 – 1 busbar connector (BFEH 1/WSH)



Spacer



M6 outer and inner thread  
 (15 mm, 20 mm and 30 mm long)



WSH 4 MT / SP

EC type testing certificate: DMT 02 ATEX E 024 U

Ordering data

| Busbar holder | Qty. | Order No.  |
|---------------|------|------------|
| WSH 4 MT      | 10   | 1079900000 |

| Type            | Length | Qty. | Order No.  |
|-----------------|--------|------|------------|
| SP 15, set of 2 | 15 mm  | 1    | 3896100000 |
| SP 20, set of 2 | 20 mm  | 1    | 3896200000 |
| SP 30, set of 2 | 30 mm  | 1    | 3896300000 |

## Shield connection terminals KLBÜ – Mounting on TS 35

### FM 4 foot / Clamping yoke holder

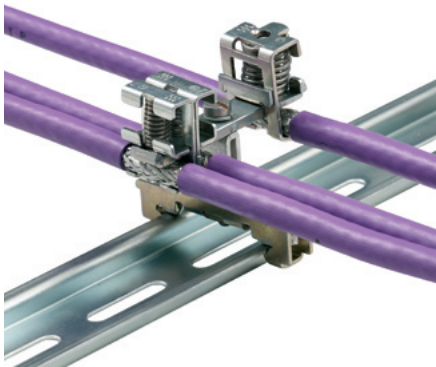
#### FM 4 foot



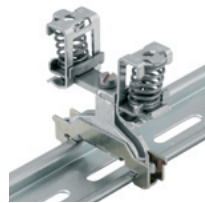
The KLBÜ SC clamping yokes (see page G.8) are screwed onto the **FM 4 foot**.



#### Clamping yoke holder



**BS 35 II**  
(without KLBÜ)



**BS 35 II / KLBÜ 3-8**

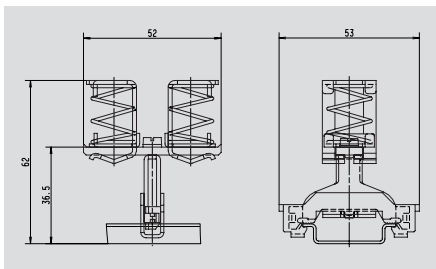


**BS 35 II / KLBÜ 3-8 / 2 x 2-6**



### FM 4 / BS 35 II

### Ordering data

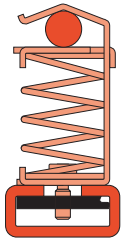
|           | Qty. | Order No.  |
|-----------|------|------------|
| FM 4 foot | 40   | 0687900000 |



| Clamping yoke holder            | For cable diameter              | Qty. | Order No.  |
|---------------------------------|---------------------------------|------|------------|
| BS 35 II                        | without KLBÜ                    | 10   | 1723800000 |
| BS 35 II / KLBÜ 3-8             | 3.0 ... 8.0 mm                  | 10   | 1723810000 |
| BS 35 II / KLBÜ 4-13.5          | 4.0 ... 13.5 mm                 | 10   | 1723820000 |
| BS 35 II / KLBÜ 3-8/2 x 2-6     | 3.0 ... 8.0 mm / 2.0 ... 6.0 mm | 10   | 1749430000 |
| BS 35 II / KLBÜ 2 x 3-8/2 x 2-6 | 3.0 ... 8.0 mm / 2.0 ... 6.0 mm | 10   | 1768020000 |

Marking on the product:   
 Marking EN 50019:  Ex e II  
 Marking EX-RL 94/9/EC: II 2 G D  
 EC type testing certificate: DMT 02 ATEX E 024 U

Clamping yoke



KLBÜ 3-8 CPF



KLBÜ 4-13.5 CPF

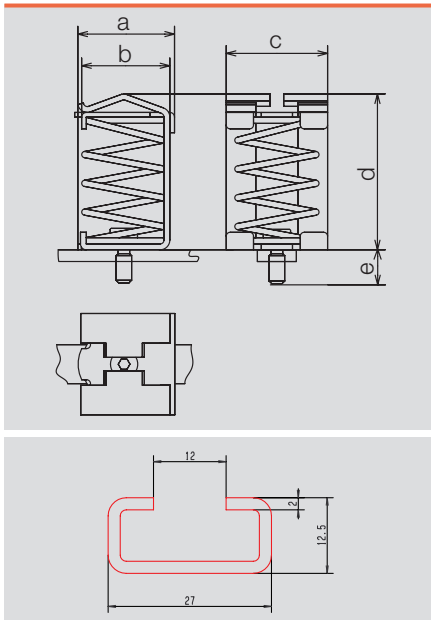


KLBÜ 10-20 CPF



KLBÜ 15-32 CPF



KLBÜ CPF



Ordering data

| Type            | For cable diameter | Dimensions (a x b x c x d) mm | Qty. | Order No.  |
|-----------------|--------------------|-------------------------------|------|------------|
| KLBÜ 3-8 CPF    | 3.0 ... 8.0 mm     | 13.5 x 11.5 x 18.0 x 26.0     | 10   | 1752681001 |
| KLBÜ 4-13.5 CPF | 4.0 ... 13.5 mm    | 20.0 x 17.8 x 20.3 x 31.4     | 10   | 1752691001 |
| KLBÜ 10-20 CPF  | 10.0 ... 20.0 mm   | 24.8 x 23.0 x 26.0 x 40.0     | 10   | 1752701001 |
| KLBÜ 15-32 CPF  | 15.0 ... 32.0 mm   | 36.0 x 33.3 x 32.0 x 64.0     | 10   | 1752711001 |

| C-rail                    | Qty. | Order No.  |
|---------------------------|------|------------|
| TS 27 x 12.5M / ST / F.ZN | 10 m | 1802690000 |

Marking on the product:   
 Marking EN 50019:  Ex e II  
 Marking EX-RL 94/9/EC: II 2 G D  
 EC type testing certificate: DMT 02 ATEX E 024 U



# Busbars / Terminal rails

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## Busbars / Terminal rails

### Busbar systems

|                          |     |
|--------------------------|-----|
| Busbar overview          | H.2 |
| Busbars                  | H.3 |
| Cable clamp, uninsulated | H.6 |
| Cable clamp, insulated   | H.7 |

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### Terminal rail systems

|  |      |
|--|------|
| Overview Terminal rails                | H.8  |
| Terminal rails TS 15, TS 32, TS 35     | H.10 |
| End brackets                           | H.13 |
| Terminal rail supports / Mounting feet | H.14 |

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# Busbars

In switchgears and controls, it may be necessary to bring the neutral conductor and the protective conductor together at a central point. Busbars are available for this purpose and can be used for connecting a large number of conductors in a confined space (up to 70 conductors on a 1 m busbar). The conductors are connected by means of a screw clamp or tension clamp. Busbars are held in position by pressure clamps or screw clamps onto the busbar holders. The cable clamps can be pushed on the busbar and adjusted to the entire wiring in the system. The busbars can be used unperforated in any lengths. They are fixed using the SH busbar holder which can, for longer busbars, also be positioned between the clamps.

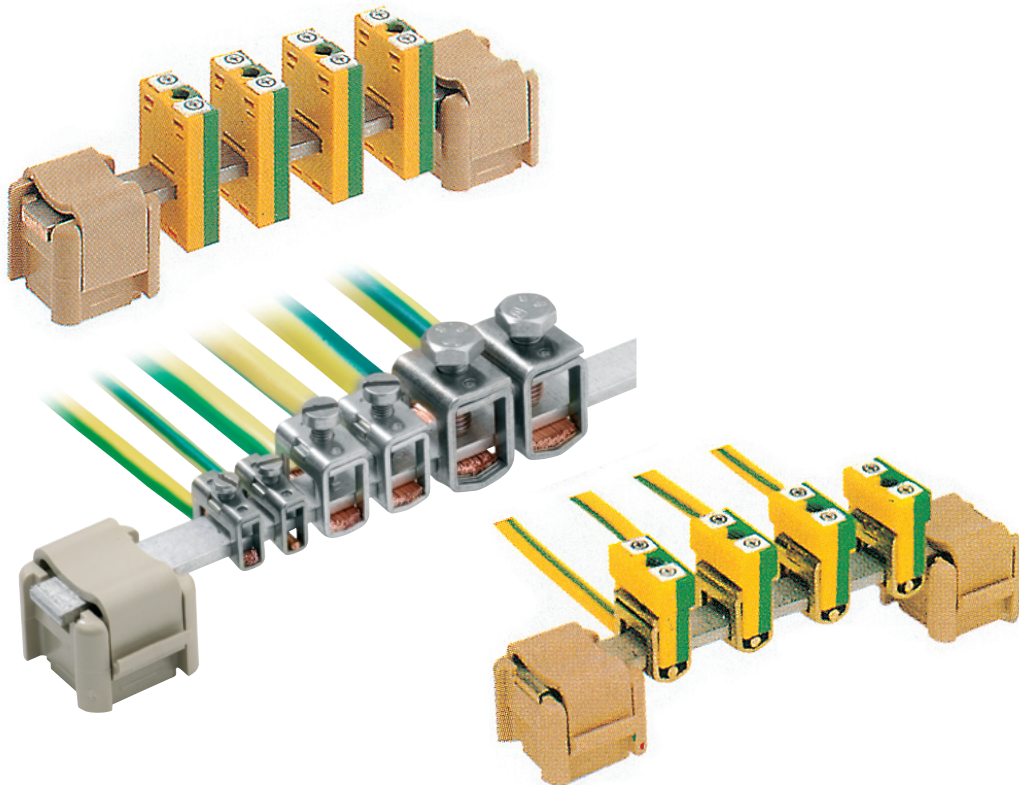
In order to bring together neutral conductors and protective conductors at a central point, it is advantageous to use ZB cable clamps together with 10 x 3 or 6 x 6 busbars. The cable clamps can be pushed onto the busbar and adjusted to the entire wiring

in the system. The cable clamp serves as the protective conductor connection and can be supplied with green/yellow insulating caps. These caps indicate the protective function and marking tags allow clear identification of each conductor. If the cable clamps are used to connect neutral conductors, they can be marked with a blue insulating cap.

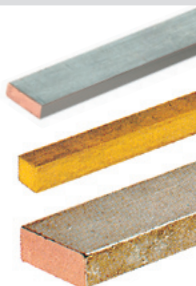
ZBE 6 can also be swivelled onto the busbar retrospectively

## H

### Cable clamps



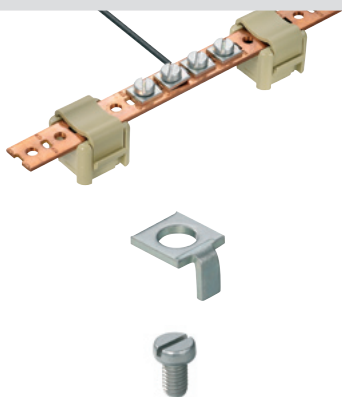
Busbars, unperforated



SSch

| Type        | Material           | Cross-section | Length | Current carrying capacity | Qty. | Order No.  |
|-------------|--------------------|---------------|--------|---------------------------|------|------------|
| SSch 10 x 3 | Copper, tin-plated | 10 x 3 mm     | 1 m    | 140 A                     | 1    | 0348900000 |
| SSch 10 x 3 | Steel, galvanised  | 10 x 3 mm     | 1 m    |                           | 1    | 0438000000 |
| SSch 10 x 3 | Brass, blank       | 10 x 3 mm     | 1 m    | 100 A                     | 1    | 0259800000 |
| SSch 6 x 6  | Copper, tin-plated | 6 x 6 mm      | 1 m    | 140 A                     | 1    | 0571300000 |
| SSch 6 x 6  | Brass, blank       | 6 x 6 mm      | 1 m    | 100 A                     | 1    | 0571200000 |
| SSch 15 x 6 | Copper, tin-plated | 15 x 6 mm     | 1 m    | 265 A                     | 1    | 0357400000 |

Busbars, perforated



NSch / ESch

| Type        | Material          | Cross-section | Length | Current carrying capacity | Qty. | Order No.  |
|-------------|-------------------|---------------|--------|---------------------------|------|------------|
| NSch 15 x 2 | Copper, blank     | 15 x 2 mm     | 1 m    | 80 A                      | 1    | 0280200000 |
| ESch 12 x 2 | Steel, galvanised | 12 x 2 mm     | 1 m    |                           | 1    | 0280300000 |

|                       |             |                  |
|-----------------------|-------------|------------------|
| <b>Pressure piece</b> | <b>Qty.</b> | <b>Order No.</b> |
| DKSUE                 | 100         | 0280100000       |
| <b>Clamping screw</b> | <b>Qty.</b> | <b>Order No.</b> |
| BFSC M5 x 8           | 100         | 0296700000       |

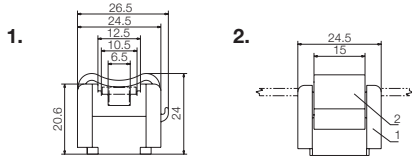
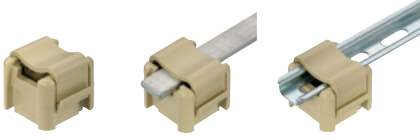
Connection data NSch / ESch

|                             |                             |
|-----------------------------|-----------------------------|
| Screw connection solid      | 0.5 ... 2.5 mm <sup>2</sup> |
| Stripping length            | 9 mm                        |
| Cable lug connection        | max. 16 mm <sup>2</sup>     |
| Max. current per connection | 27 A                        |

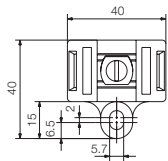
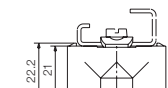
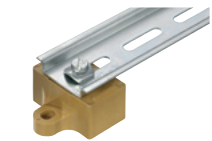
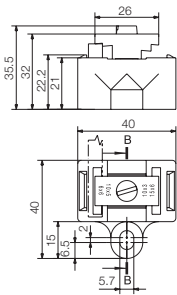
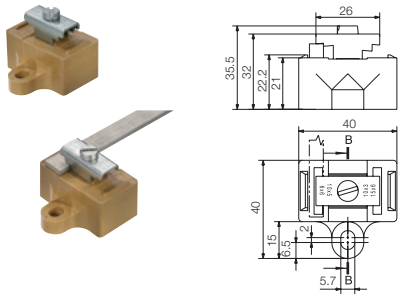
## Busbars

### Busbar holders

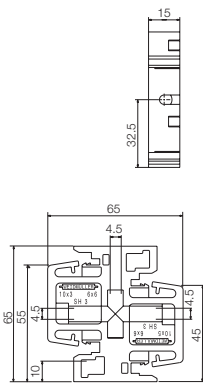
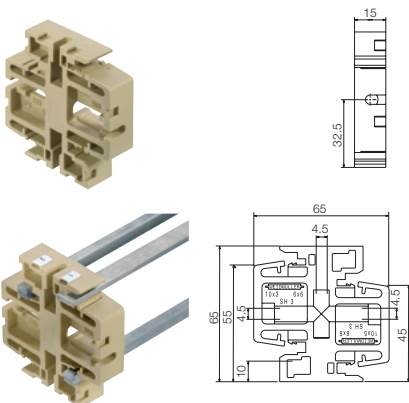
#### With clip and base



#### With metal bridge



#### With metal bridge



### SH

| Type                | Figure | For busbar cross-section      | Qty. | Order No.  |
|---------------------|--------|-------------------------------|------|------------|
| SH 1 TS 15 complete | 1.     | 10 x 3, 6 x 6, 15 x 2, 12 x 2 | 20   | 0299860000 |
|                     | 2.     | 15 x 2, 15 x 6                |      |            |

#### Individual parts SH1

|           |  |  |     |            |
|-----------|--|--|-----|------------|
| SH 1 Base |  |  | 20  | 0401460000 |
| SH 1 Clip |  |  | 500 | 0635960000 |

#### Fixing screw for SH1

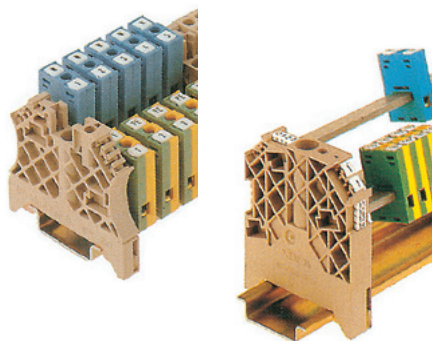
|            |                   |  |     |            |
|------------|-------------------|--|-----|------------|
| BFSC M4x9  | for 1 SH1         |  | 100 | 0103300000 |
| BFSC M4x30 | for 2 SH1 stacked |  | 50  | 0267100000 |

| Type  | For busbar cross-section      | Qty. | Order No.  |
|-------|-------------------------------|------|------------|
| SH 2S | 10 x 3, 6 x 6, 15 x 6, 10 x 5 | 10   | 0641720000 |

| Type | Qty.  | Order No. |            |
|------|---|-----------|------------|
| SH 2 | The arrangement of mounting rails in totally insulated facilities | 10        | 0494920000 |

| Type | For busbar cross-section | Qty. | Order No.  |
|------|--------------------------|------|------------|
| SH 3 | 10 x 3, 6 x 6, 10 x 5    | 10   | 0556660000 |

**Busbar holders**

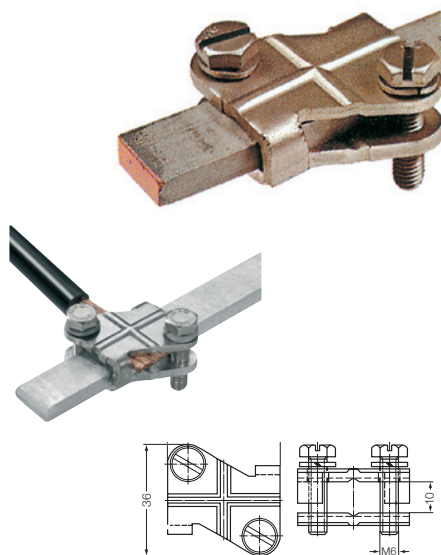


**WEW**

| Type     | For busbar cross-section | Qty. | Order No.  |
|----------|--------------------------|------|------------|
| WEW 35/1 | 10 x 3, 6 x 6            | 50   | 1059000000 |
| WEW 35/2 | 10 x 3, 6 x 6            | 100  | 1061200000 |

WEW 35/1 and WEW35/2 as busbar holder together with the ZB 4 G tension clamp

**Connection element**



**AK 95**

| Type  | For busbar cross-section | Qty. | Order No.  |
|-------|--------------------------|------|------------|
| AK 95 | 15 x 6 mm                | 10   | 0364200000 |

The AK 95 connection element is used as a tension clamp for 15 x 6 busbars Connection cross-sections:

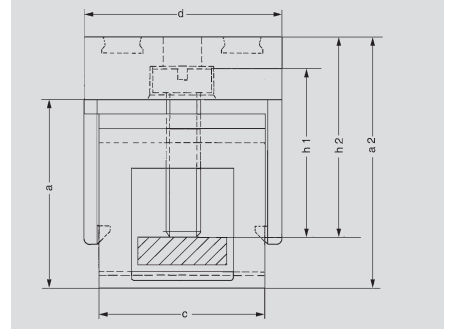
e = 6...16 mm<sup>2</sup>

f = 6...50 mm<sup>2</sup>

m = 16...50 mm<sup>2</sup>

**Busbars**

**Cable clamp, uninsulated**



**For 10 x 3 mm busbars**



Connection cross-section:  
 Solid 0.5 ... 6.0 mm<sup>2</sup>  
 Flexible 0.5 ... 4.0 mm<sup>2</sup>  
 Stranded -  
 Clamping screw M 3  
 Stripping length 16 mm

**For retrofitting**



Connection cross-section:  
 Solid 1.0 ... 10 mm<sup>2</sup>  
 Flexible 1.5 ... 10 mm<sup>2</sup>  
 Stranded -  
 Clamping screw M 4  
 Stripping length 19 mm

**Also for 10 x 5 mm busbar**



Connection cross-section:  
 Solid 1.5 ... 10 mm<sup>2</sup>  
 Flexible 2.5 ... 10 mm<sup>2</sup>  
 Stranded -  
 Clamping screw M 4  
 Stripping length 19 mm



Connection cross-section:  
 Solid 2.5 ... 16 mm<sup>2</sup>  
 Flexible 2.5 ... 16 mm<sup>2</sup>  
 Stranded 16 ... 25 mm<sup>2</sup>  
 Clamping screw M 4  
 Stripping length 16 mm



Connection cross-section:  
 Solid -  
 Flexible 16 ... 35 mm<sup>2</sup>  
 Stranded 16 ... 50 mm<sup>2</sup>  
 Clamping screw M 6  
 Stripping length 19 mm

**For 6 x 6 mm busbar**



Connection cross-section:  
 Solid 0.5 ... 6.0 mm<sup>2</sup>  
 Flexible 0.5 ... 4.0 mm<sup>2</sup>  
 Stranded -  
 Clamping screw M 3  
 Stripping length 16 mm



Connection cross-section:  
 Solid 2.5 ... 16 mm<sup>2</sup>  
 Flexible 2.5 ... 16 mm<sup>2</sup>  
 Stranded 16 ... 25 mm<sup>2</sup>  
 Clamping screw M 4  
 Stripping length 12 mm

**ZB / ZBE**

| Type           | Colour         | Dimensions [mm] |       |      |      | Qty. | Order No.  |
|----------------|----------------|-----------------|-------|------|------|------|------------|
|                |                | a               | width | c    | h1   |      |            |
| ZB 4, blank    | -              | 11.7            | 5.6   | 16.0 | 10.0 | 50   | 0316500000 |
| Insulating cap | blue           |                 |       |      |      | 50   | 0475480000 |
| Insulating cap | green / yellow |                 |       |      |      | 50   | 0475460000 |

|                |                |      |     |      |      |    |            |
|----------------|----------------|------|-----|------|------|----|------------|
| ZBE 6, blank   | -              | 19.5 | 8.2 | 19.5 | 19.0 | 50 | 0459500000 |
| Insulating cap | blue           |      |     |      |      | 50 | 0526080000 |
| Insulating cap | green / yellow |      |     |      |      | 50 | 0526060000 |

|              |   |      |     |      |      |    |            |
|--------------|---|------|-----|------|------|----|------------|
| ZB 10, blank | - | 19.5 | 8.2 | 19.5 | 19.0 | 50 | 1261300000 |
|--------------|---|------|-----|------|------|----|------------|

|                |                |      |      |      |      |    |            |
|----------------|----------------|------|------|------|------|----|------------|
| ZB 16, blank   | -              | 17.0 | 10.0 | 16.0 | 17.0 | 50 | 0316600000 |
| Insulating cap | blue           |      |      |      |      | 50 | 0502980000 |
| Insulating cap | green / yellow |      |      |      |      | 50 | 0502960000 |

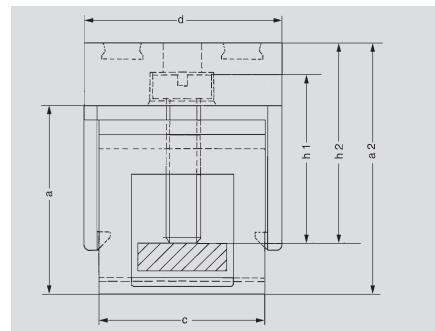
|                |      |      |      |      |      |    |            |
|----------------|------|------|------|------|------|----|------------|
| ZB 35, blank   | -    | 21.0 | 14.4 | 18.4 | 20.5 | 20 | 0266500000 |
| Insulating cap | blue |      |      |      |      | 50 | 0502780000 |

**ZB**

| Type          | Colour | Dimensions [mm] |     |      |      | Qty. | Order No.  |
|---------------|--------|-----------------|-----|------|------|------|------------|
|               |        | a               | b   | c    | h1   |      |            |
| ZB 4/6, blank |        | 14.7            | 5.6 | 12.5 | 10.0 | 50   | 0556700000 |

|                |  |      |      |      |      |    |            |
|----------------|--|------|------|------|------|----|------------|
| ZB 16/6, blank |  | 19.0 | 10.0 | 12.5 | 17.0 | 50 | 0556800000 |
|----------------|--|------|------|------|------|----|------------|

Cable clamp, insulated



For 10 x 3 mm busbars



Connection cross-section:  
 Solid 0.5 ... 6.0 mm<sup>2</sup>  
 Flexible 0.5 ... 4.0 mm<sup>2</sup>  
 Stranded -  
 Clamping screw M 3  
 Stripping length 16 mm

For retrofitting



Connection cross-section:  
 Solid 1.0 ... 10 mm<sup>2</sup>  
 Flexible 1.5 ... 10 mm<sup>2</sup>  
 Stranded -  
 Clamping screw M 4  
 Stripping length 19 mm



Connection cross-section:  
 Solid 2.5 ... 16 mm<sup>2</sup>  
 Flexible 2.5 ... 16 mm<sup>2</sup>  
 Stranded 16 ... 25 mm<sup>2</sup>  
 Clamping screw M 4  
 Stripping length 16 mm



Connection cross-section:  
 Solid -  
 Flexible 16 ... 35 mm<sup>2</sup>  
 Stranded 16 ... 50 mm<sup>2</sup>  
 Clamping screw M 6  
 Stripping length 19 mm

Tension clamp connection



Connection cross-section:  
 Solid 0.5 ... 4.0 mm<sup>2</sup>  
 Flexible 0.5 ... 2.5 mm<sup>2</sup>  
 Stranded -  
 Stripping length 10 mm

For 6 x 6 mm busbar



Connection cross-section:  
 Solid 0.5 ... 6.0 mm<sup>2</sup>  
 Flexible 0.5 ... 4.0 mm<sup>2</sup>  
 Stranded -  
 Clamping screw M 3  
 Stripping length 16 mm



Connection cross-section:  
 Solid 2.5 ... 16 mm<sup>2</sup>  
 Flexible 2.5 ... 16 mm<sup>2</sup>  
 Stranded 16 ... 25 mm<sup>2</sup>  
 Clamping screw M 4  
 Stripping length 12 mm

ZB / ZBE / ZF

| Type         | Colour       | Dimensions [mm] |       |      |      | Qty. | Order No.  |
|--------------|--------------|-----------------|-------|------|------|------|------------|
|              |              | a2              | width | d    | h2   |      |            |
| ZB 4 G GN/GE | green/yellow | 27.0            | 7.6   | 19.7 | 15.5 | 50   | 0322160000 |
| ZB 4 G BL    | blue         | 27.0            | 7.6   | 19.7 | 15.5 | 50   | 0322180000 |
| ZB 4 G SW    | black        | 27.0            | 7.6   | 19.7 | 15.5 | 50   | 0322110000 |
| ZB 4K GN/GE  | grün/gelb    | 18.5            | 6.0   | 19.0 | 13.0 | 50   | 0475360000 |
| ZB 4K BL     | blue         | 18.5            | 6.0   | 19.0 | 13.0 | 50   | 0475380000 |
| ZBE 6K GN/GE | green/yellow | 27.0            | 8.0   | 22.5 | 23.0 | 50   | 0525960000 |
| ZBE 6K BL    | blue         | 27.0            | 8.0   | 22.5 | 23.0 | 50   | 0525980000 |
| ZBE 6K SW    | black        | 27.0            | 8.0   | 22.5 | 23.0 | 50   | 0525910000 |
| ZB 16K GN/GE | green/yellow | 24.0            | 10.0  | 19.2 | 20.0 | 50   | 0502860000 |
| ZB 16K BL    | blue         | 24.0            | 10.0  | 19.2 | 20.0 | 50   | 0502880000 |
| ZB 35K GN/GE | green/yellow | 25.0            | 14.4  | 32.0 | 20.5 | 20   | 0502660000 |
| ZB 35K BL    | blue         | 25.0            | 14.4  | 32.0 | 20.5 | 20   | 0502680000 |
| ZB 35K SW    | black        | 25.0            | 14.4  | 32.0 | 20.5 | 20   | 0502610000 |
| ZF 4 S       | beige        | 22.0            | 6.1   | 24.5 | -    | 50   | 1814680000 |
| ZF 4 S BL    | blue         | 22.0            | 6.1   | 24.5 | -    | 50   | 1814660000 |
| ZF 4 S GN/GE | green/yellow | 22.0            | 6.1   | 24.5 | -    | 50   | 1814670000 |

ZB

| Type           | Colour       | Dimensions [mm] |     |      |      | Qty. | Order No.  |
|----------------|--------------|-----------------|-----|------|------|------|------------|
|                |              | a2              | b   | d    | h2   |      |            |
| ZB 4/6K GN/GE  | green/yellow | 21.2            | 6.0 | 25.0 | 14.0 | 50   | 0565460000 |
| ZB 4/6K BL     | blue         | 21.2            | 6.0 | 25.0 | 14.0 | 50   | 0565480000 |
| ZB 16/6K GN/GE | green/yellow | 26.0            | 9.7 | 25.0 | 20.0 | 50   | 0569660000 |

# Terminal rail systems

Both active and passive components and intelligent modules are mounted on terminal rails – a method which has proven its worth over the years. But it is only after the use of certain consumables – which are frequently not taken into consideration – that electrical installation is finally completed. In this chapter, users will find a range of terminal rails and profile rails for component installation together with end brackets for holding and isolating the components. This guarantees firm installation and isolation. Weidmüller supplies components which show perfect functional compatibility.

Terminal rails are made of either steel, stainless steel, aluminium, copper or plastic, depending on the area of application.

## Stainless steel

Stainless steel is a collective noun for all kinds of steel (alloys) which are smelted in a special process and have a high degree of purity. Stainless steel has much-enhanced resistance to corrosion. Weidmüller's stainless steel terminal rails have the following composition: X5 CrNi 18-10 stainless steel (i.e. ~ 18 % chromium, ~ 10 % nickel).

## Aluminium

Aluminium is second only to copper in its electrical conductivity. One advantage is its light weight. Aluminium oxidises quickly in air; thus passivated, it offers excellent corrosion protection.

## Copper

Copper, a heavy metal, has the best electrical conductivity of all metals used. As it is a soft metal, Weidmüller's terminal rails are 2.3 mm thick.

## Plastic

The plastic terminal rail scores on two counts: firstly, its insulating properties, and secondly, its low weight. This leads to its use in special applications where, for example, clearance and creepage distances with respect to the mounting plate cannot be achieved with the standard terminal rails.

## Steel

Weidmüller started developing RoHS-compliant surfaces at a very early stage to meet the requirements of EU directives. This commitment is now paying off because Weidmüller products comply with the statutory instruments at an early date and provide you, the customer, with the customary, high Weidmüller quality. All the yellow-passivated surfaces so well known to users will in future be replaced by terminal rails with the new **WIN-Q** surface finish. This name stands for the Weidmüller quality, in other words excellent surface protection and, at the same time, excellent electrical properties.

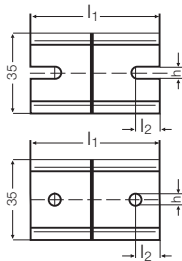
A terminal rail can also be used as a protective conductor busbar. Weidmüller PE / earth terminals in the W-Series, Z-Series, I-Series, SAK- and AKZ-Series comply with requirements stipulated in IEC 60 947-7-2. According to VDE 0100 part 540, for conductors with cross-sectional areas exceeding 10 mm<sup>2</sup>, both protective and neutral conductors may be grouped together as a single category of conductors designated PEN.

If a terminal rail is used as a PEN busbar, the following criteria must be observed:

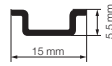
- Only E-Cu or aluminium profiles are allowed
- Short-circuit currents and thermal rated currents must be taken into account
- The terminal rails are to be insulated as a contribution to protective insulation

All unperforated terminal rails can be provided with fixing holes (state dimensions h and l<sub>2</sub>).  
Possible diameters are 3.5 / 5.6 / 5.5 / 7 mm.

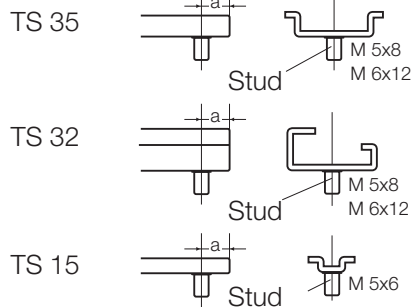
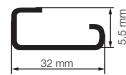
All unperforated steel rails can also be supplied with welded on steel studs (state dimension a and required studs).



**TS 15**



**TS 32**



**TS 35 x 7.5**

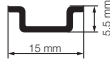


**TS 35 x 15**

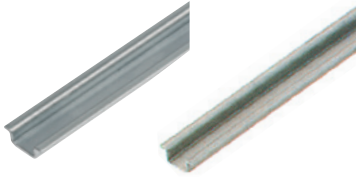


## Terminal rails

### TS 15 terminal rail



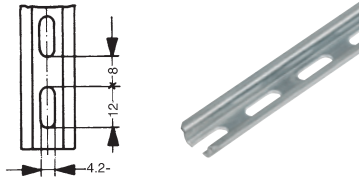
#### Unperforated



### TS 15 x 5

| Aluminium  | Short-circuit strength | Material thickness | Length | Qty. | Order No.  |
|--|------------------------|--------------------|--------|------|------------|
| TS 15x5 2M/AL/BK   | 16 mm <sup>2</sup>     | 1 mm               | 2 m    | 10 m | 0134700000 |
| (max. permissible rated current for PEN function = 76 A) |                        |                    |        |      |            |
| Steel, galvanised and passivated                         |                        |                    |        |      |            |
| TS 15x5 2M/ST/ZN   | 10 mm <sup>2</sup>     | 1 mm               | 2 m    | 2 m  | 0514200000 |

#### With slotted hole



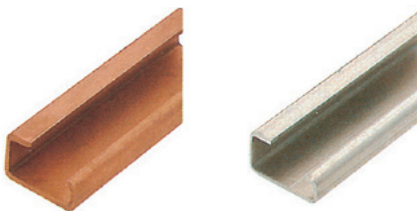
| Aluminium  | Short-circuit strength | Material thickness | Length | Qty. | Order No.  |
|--|------------------------|--------------------|--------|------|------------|
| TS 15x5/LL 2M/AL/BK                                      | 16 mm <sup>2</sup>     | 1 mm               | 2 m    | 2 m  | 0217900000 |
| (max. permissible rated current for PEN function = 76 A) |                        |                    |        |      |            |
| Steel, galvanised and passivated                         |                        |                    |        |      |            |
| TS 15x5/LL 2M/ST/ZN                                      | 10 mm <sup>2</sup>     | 1 mm               | 2 m    | 2 m  | 0117500000 |
| TS 15x5/LL 1M/ST/ZN                                      | 10 mm <sup>2</sup>     | 1 mm               | 1 m    | 10 m | 0117510000 |

## H

### TS 32 terminal rail



#### Unperforated



### TS 32 x 15

| Aluminium   | Short-circuit strength | Material thickness | Length | Qty. | Order No.  |
|---|------------------------|--------------------|--------|------|------------|
| TS 32X15 2M/AL/BK   | 70 mm <sup>2</sup>     | 1.5 mm             | 2 m    | 2 m  | 0169300000 |
| (max. permissible rated current for PEN function = 192 A) |                        |                    |        |      |            |
| Steel, galvanised and passivated                          |                        |                    |        |      |            |
| TS 32X15 2M/ST/ZN   | 35 mm <sup>2</sup>     | 1.5 mm             | 2 m    | 2 m  | 0122800000 |

#### Copper

|   |                     |        |     |     |            |
|---|---------------------|--------|-----|-----|------------|
| TS 32X16.2 2M/CU/BK                                       | 120 mm <sup>2</sup> | 2.1 mm | 2 m | 2 m | 0364300000 |
| (max. permissible rated current for PEN function = 269 A) |                     |        |     |     |            |

#### Stainless steel

|                 |                    |        |     |     |            |
|-----------------|--------------------|--------|-----|-----|------------|
| TS 32X15 2M/CRN | 35 mm <sup>2</sup> | 1.5 mm | 2 m | 2 m | 0293220000 |
|-----------------|--------------------|--------|-----|-----|------------|

#### With slotted hole



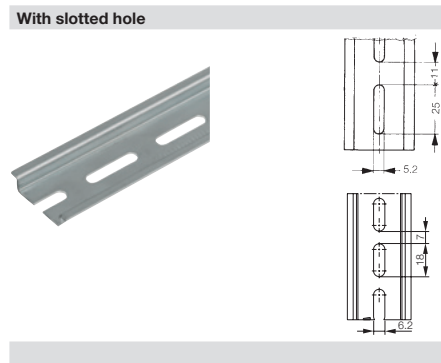
| Steel, galvanised and passivated | Short-circuit strength | Material thickness | Length | Qty. | Order No.  |
|----------------------------------|------------------------|--------------------|--------|------|------------|
| TS 32X15/LL 2M/ST/ZN             | 35 mm <sup>2</sup>     | 1.5 mm             | 2 m    | 2 m  | 0514400000 |

TS 35 x 7,5 terminal rail



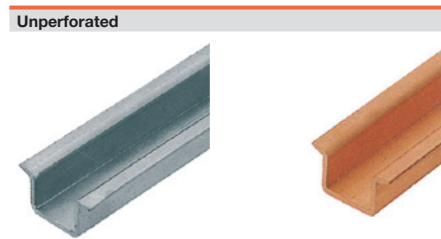
TS 35 x 7.5

| Aluminium   | Short-circuit strength | Material thickness | Length | Qty. | Order No.  |
|---|------------------------|--------------------|--------|------|------------|
| TS 35X7.5 2M/AL/BK<br>(max. permissible rated current for PEN function = 125 A) | 35 mm <sup>2</sup>     | 1 mm               | 2 m    | 2 m  | 0330800000 |
| Steel, galvanised and passivated  |                        |                    |        |      |            |
| TS 35X7.5 2M/ST/ZN  | 16 mm <sup>2</sup>     | 1 mm               | 2 m    | 2 m  | 0383400000 |
| TS 35X7.5 1M/ST/ZN  | 16 mm <sup>2</sup>     | 1 mm               | 1 m    | 10 m | 0383410000 |
| Stainless steel   |                        |                    |        |      |            |
| TS 35X7.5 2M/CRN  | 16 mm <sup>2</sup>     | 1 mm               | 2 m    | 2 m  | 1747350000 |



| Steel, galvanised and passivated | Short-circuit strength | Material thickness | Length | Qty. | Order No.  |
|----------------------------------|------------------------|--------------------|--------|------|------------|
| TS 35X7.5/LL 2M/ST/ZN            | 16 mm <sup>2</sup>     | 1 mm               | 2 m    | 2 m  | 0514500000 |
| TS 35X7.5/LL 1M/ST/ZN            | 16 mm <sup>2</sup>     | 1 mm               | 1 m    | 10 m | 0514510000 |
| TS 35X7.5/LL/6 2M/ST/ZN          | 16 mm <sup>2</sup>     | 1 mm               | 2 m    | 2 m  | 0514570000 |

TS 35 x 15 terminal rail

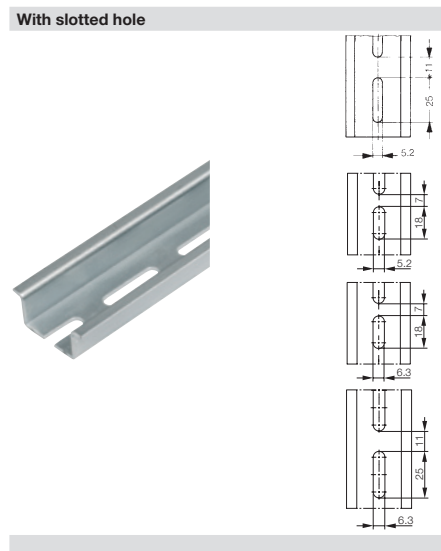


TS 35 x 15

| Copper   | Short-circuit strength | Material thickness | Length | Qty. | Order No.  |
|--|------------------------|--------------------|--------|------|------------|
| TS 35X15/2.3 2M/CU/BK<br>(max. permissible rated current for PEN function = 309 A) | 150 mm <sup>2</sup>    | 2.3 mm             | 2 m    | 2 m  | 0270100000 |
| Steel, galvanised and passivated   |                        |                    |        |      |            |
| TS 35X15/2.3 2M/ST/ZN  | 50 mm <sup>2</sup>     | 2.3 mm             | 2 m    | 2 m  | 0498000000 |
| Aluminium  |                        |                    |        |      |            |
| TS 35X15/2.3 2M/AL/BK<br>(max. permissible rated current for PEN function = 192 A) | 70 mm <sup>2</sup>     | 2.3 mm             | 2 m    | 2 m  | 1848290000 |



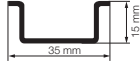
| Steel, galvanised and passivated | Short-circuit strength | Material thickness | Length | Qty. | Order No.  |
|----------------------------------|------------------------|--------------------|--------|------|------------|
| TS 35X15 2M/ST/ZN                | 25 mm <sup>2</sup>     | 1.5 mm             | 2 m    | 2 m  | 0236400000 |



| Steel, galvanised and passivated | Short-circuit strength | Material thickness | Length | Qty. | Order No.  |
|----------------------------------|------------------------|--------------------|--------|------|------------|
| TS 35X15/LL 2M/ST/ZN             | 25 mm <sup>2</sup>     | 1.5 mm             | 2 m    | 2 m  | 0236500000 |
| TS 35X15/LL 1M/ST/ZN             | 25 mm <sup>2</sup>     | 1.5 mm             | 1 m    | 10 m | 0236510000 |
| TS 35X15LL/5 2M/ST/ZN            | 25 mm <sup>2</sup>     | 1.5 mm             | 2 m    | 2 m  | 1837380000 |
| TS 35X15/LL/6x18 2M/ST/ZN        | 25 mm <sup>2</sup>     | 1.5 mm             | 2 m    | 2 m  | 1805980000 |
| TS 35X15/LL/6x25 2M/ST/ZN        | 25 mm <sup>2</sup>     | 1.5 mm             | 2 m    | 2 m  | 1866290000 |

Terminal rails

TS 35 x 15 terminal rail



Unperforated

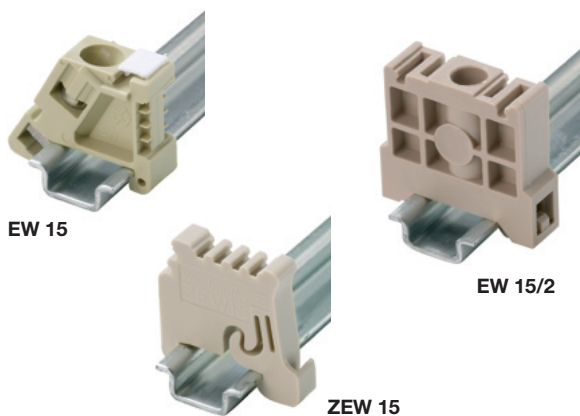


**TSK 35 x 15**

| Plastic PVC RAL 7035 | Length | Qty. | Order No.  |
|----------------------|--------|------|------------|
| TSK 35X15 2M PVC/GR  | 2 m    | 2 m  | 0514300000 |

## End brackets

## For TS 15 terminal rail

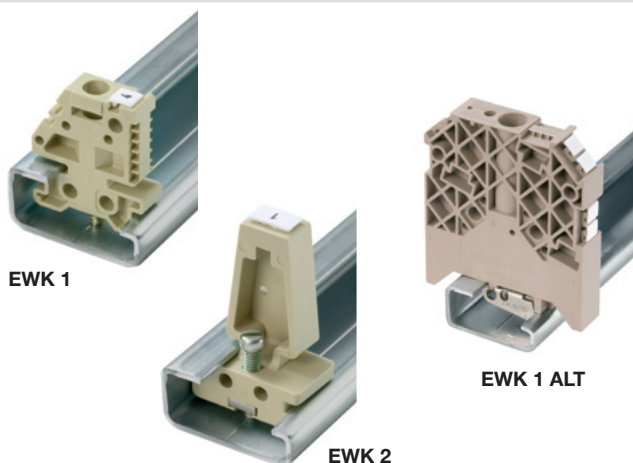


| Polyamide 66, screw-in | Colour | Torque | Qty. | Order No.  |
|------------------------|--------|--------|------|------------|
| EWK AKA 2.5            | beige  | 0.4 Nm | 50   | 0348660000 |
| EW 15                  | beige  | 0.4 Nm | 50   | 0382860000 |

| Polyamide with fibreglass, screw-in | Colour     | Torque | Qty. | Order No.  |
|-------------------------------------|------------|--------|------|------------|
| EW 15/2                             | dark beige | 0.4 Nm | 50   | 1071900000 |

| Polyamide 66, screwless | Colour | Torque | Qty. | Order No.  |
|-------------------------|--------|--------|------|------------|
| ZEW 15                  | beige  |        | 20   | 7920340000 |

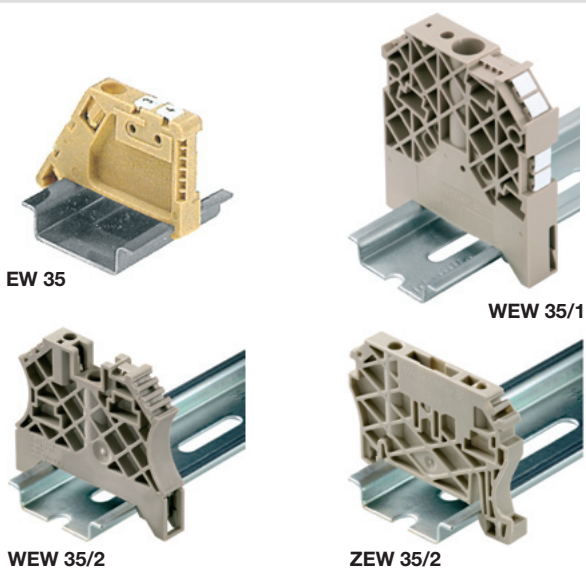
## For terminal rail TS 32



| Polyamide 66, screw-in | Colour | Torque | Qty. | Order No.  |
|------------------------|--------|--------|------|------------|
| EWK 2                  | beige  | 1.2 Nm | 50   | 0199360000 |
| EWK 1 TS 32 M4X18      | beige  | 1.2 Nm | 50   | 0206160000 |
| EWK 1 ALT              | beige  | 0.6 Nm | 50   | 0495160000 |

| Polyamide with fibreglass, screw-in | Colour     | Torque | Qty. | Order No.  |
|-------------------------------------|------------|--------|------|------------|
| WEW 32/1                            | dark beige | 0.5 Nm | 50   | 1067600000 |

## For terminal rail TS 35



| Polyamide 66, screw-in | Colour | Torque | Qty. | Order No.  |
|------------------------|--------|--------|------|------------|
| EW 35                  | beige  | 0.5 Nm | 50   | 0383560000 |
| EW 35 GR               | grey   | 0.5 Nm | 50   | 0383530000 |

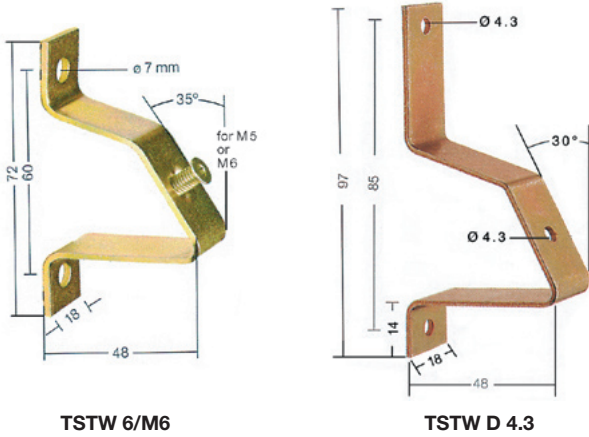
| Polyamide with fibreglass, screw-in | Colour     | Torque | Qty. | Order No.  |
|-------------------------------------|------------|--------|------|------------|
| WEW 35/1                            | dark beige | 1.2 Nm | 50   | 1071900000 |
| WEW-35/2                            | dark beige | 0.5 Nm | 100  | 1061200000 |

| Polyamide 66, screwless | Colour | Torque | Qty. | Order No.  |
|-------------------------|--------|--------|------|------------|
| ZEW (6 mm)              | beige  |        | 20   | 9540000000 |
| ZEW 35/2 (8 mm)         | beige  |        | 20   | 8630740000 |

Terminal rails

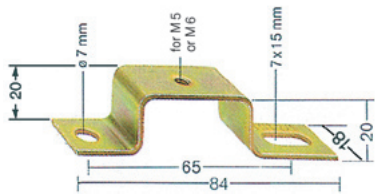
Terminal rail supports / Mounting feet

Terminal rail supports



TSTW 6/M6

TSTW D 4.3



TST

|                      | Thread                    | Qty. | Order No.  |
|----------------------|---------------------------|------|------------|
| TSTW 5/M5            | M5                        | 10   | 0178100000 |
| TSTW 5/M5 galvanised | M6                        | 10   | 1779100000 |
| TSTW 6/M6            | M5                        | 10   | 0164000000 |
| TSTW D 4.3           | Hole $\varnothing$ 4.3 mm | 10   | 1610110000 |

Terminal rail supports of type **TSTW** are used for angled fixing of terminal rails at an angle of 35°.

|          |    |    |            |
|----------|----|----|------------|
| TST 2/M5 | M5 | 10 | 1286600000 |
| TST 2/M6 | M6 | 10 | 0101700000 |

The **TST** terminal rail support is used for assembly of terminal rails in a frame or over a cut-out

**Fixing screws**

|                            |    |            |
|----------------------------|----|------------|
| FKSC M5x8 $\varnothing$ 9  | 50 | 0295900000 |
| FKSC M6x8 $\varnothing$ 9  | 50 | 0642600000 |
| FKSC M6x12 $\varnothing$ 9 | 50 | 0353500000 |

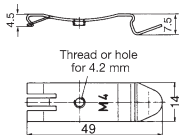
Weidmüller supplies fixing screws with hexagonal sockets and a very low head for the terminal rail supports so that the terminals can also be fitted over the screw.

Terminal rail supports / Mounting feet

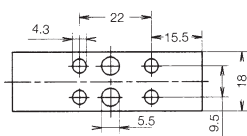
Mounting feet



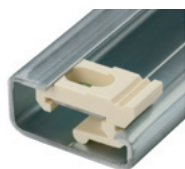
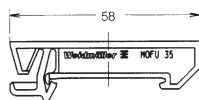
FM



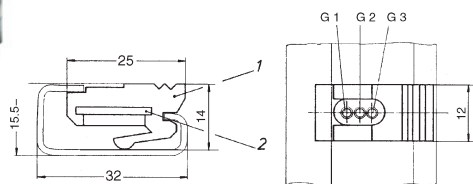
MOFU 35/LO/1



MOFU 35



MB



| Clip-on foot, steel for TS 35 | Thread        | Qty. | Order No.  |
|-------------------------------|---------------|------|------------|
| FM 4                          | M4            | 40   | 0687900000 |
| FM 5                          | M5            | 40   | 0636800000 |
| FM 6                          | M6            | 40   | 0636900000 |
| FM 4.2                        | Hole ø 4.2 mm | 40   | 1724580000 |

| Mounting foot, PA orange for TS 35 |            | Qty. | Order No.  |
|------------------------------------|------------|------|------------|
| MOFU 35/LO/1                       | with holes | 20   | 0646260000 |
| MOFU 35                            |            | 20   | 0495660000 |

| Sliding nut for TS 32 |           | Colour | Qty. | Order No.  |
|-----------------------|-----------|--------|------|------------|
| MB M3/M5              | M3 und M5 | creme  | 20   | 0503500000 |
| MB M5/M3              | M5 und M3 | black  | 20   | 0553400000 |
| MB M6/M4              | M6 und M4 | grey   | 20   | 0334900000 |

The sliding nut for the RS 32 terminal rail has two threaded holes for screws M3 + M5 / M6 + M4 / M5 + M3. It is used to fasten components which cannot be slotted directly onto the TS 32, in particular the smaller TS 15 top hat rail. This enables, for example, mini-terminals to be snapped onto the TS 15 first, and this rail is then fastened together with the terminals to the TS 32 using the sliding nut.



# Accessories

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## Accessories

### Accessories

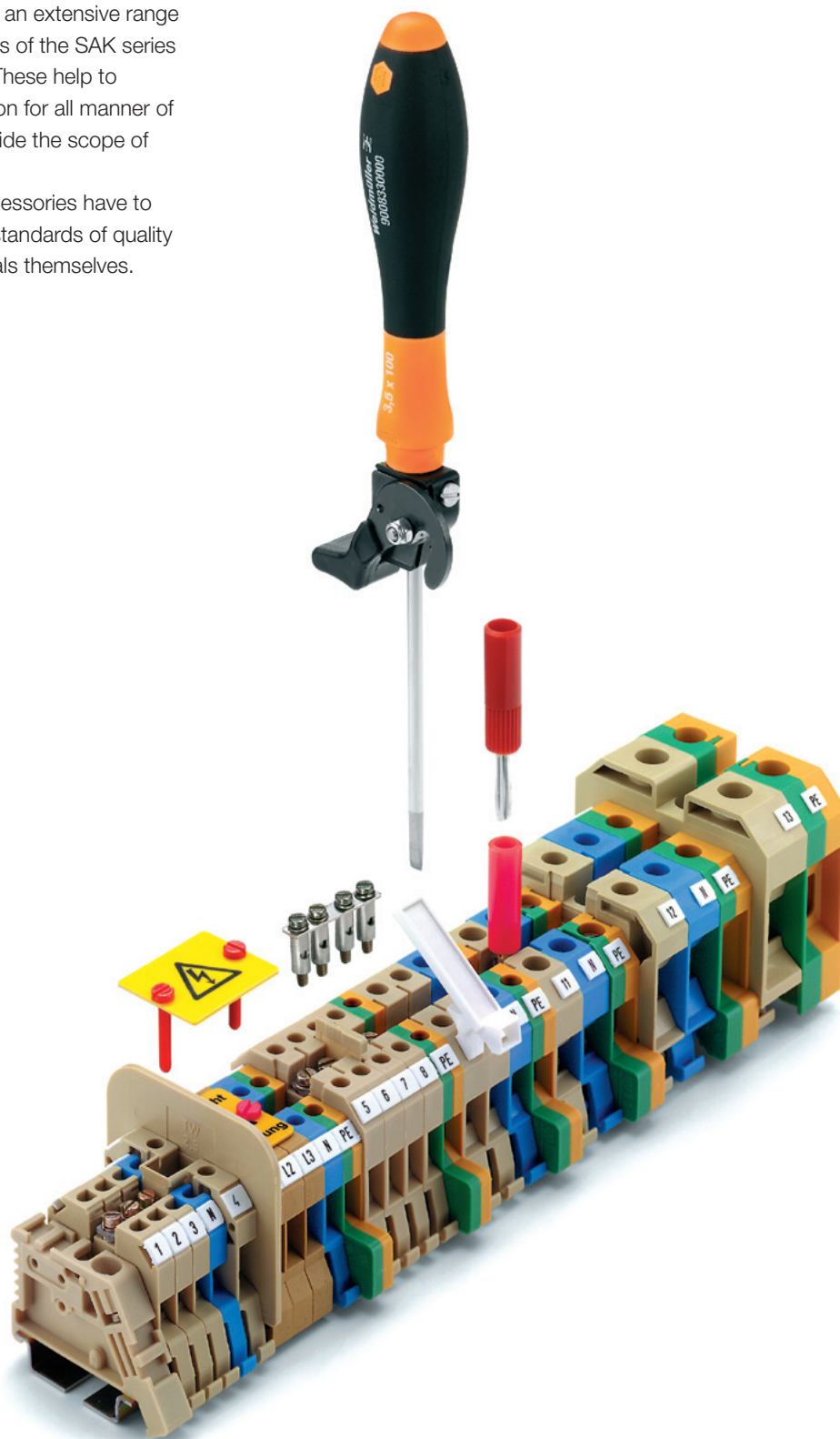
|   |      |
|---|------|
| Overview  | 1.2  |
| Visual separation – side covers                   | 1.4  |
| Colour coding options                             | 1.6  |
| Potential distribution                            | 1.8  |
| Testing/Checking                                  | 1.14 |
| Protective covers                                 | 1.16 |
| Accessories for modular disconnect test terminals | 1.20 |

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## The extra functions

Weidmüller can supply an extensive range of accessories for users of the SAK series of modular terminals. These help to provide the right solution for all manner of tasks, even those outside the scope of standard functions.

And of course, the accessories have to satisfy the same high standards of quality as the modular terminals themselves.



**Visual separation – side covers**

Page I.4



To guarantee protection against fingers coming into contact with live parts when working with modular terminals, open sides are blocked off with end cover plates and partition plates. But in addition, end cover plates and partition plates are available in various colours and so can be used to create a visual distinction between different circuits.

**Colour coding options**

Page I.6



Another helpful feature of the accessories for modular terminals with screw connections are the different colours available.

**Potential distribution**

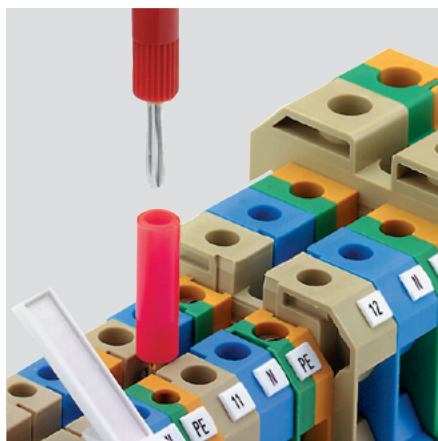
Page I.8



Some 60% of all modular terminals are cross-connected. Weidmüller can supply a wide range of solutions.

**Testing / Checking**

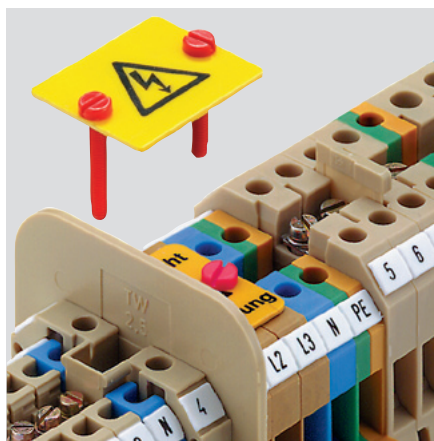
Page I.14



Weidmüller test plugs and sockets guarantee that the necessary tests can be carried out on the installation.

**Protective covers**

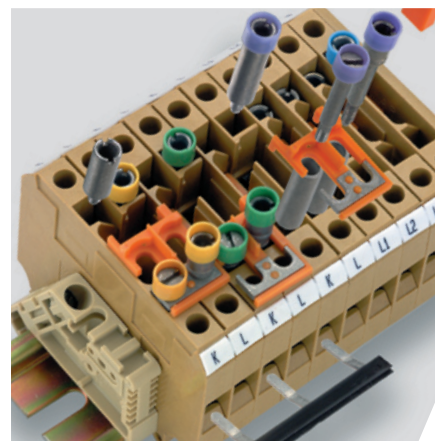
Page I.16



Electrical installations must be safe at all times. Therefore, Weidmüller can supply a large range of protective cover strips and plates, plus labelling systems.

**Accessories for modular disconnect test terminals**

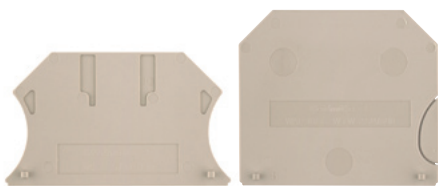
Page I.20



Special applications call for special solutions.

## Visual separation – side covers

### End cover plates



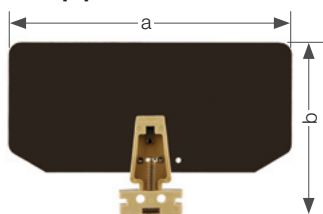
Apart from a few exceptions, the last terminal of a terminal strip must be covered with an AP end cover plate. End cover plates are also required within a terminal strip containing terminals of different sizes. The overall dimensions of the end cover plates match the sizes of the associated terminals. The end cover plate is held in place by an end bracket.

### AP end cover plates

| Type   |     | Order No.  | for terminal type:                                  |
|--------|-----|------------|---|
| AP     |     | 0150960000 | SAKD 2.5 N  |
| AP 2.5 | KrG | 0279520000 | SAK 2.5 and TT                                      |
| AP 2.5 | KrS | 0279530000 | SAK 2.5 L and LL                                    |
| AP     | KrG | 0117920000 | SAK 4, 6 N, 10, SAKC 4, NT 2, SLK 1, SAK 4 S and SS |
| AP 16  | KrG | 0271120000 | SAK 16  |
| AP 16  | PA  | 0271160000 |   |
| AP 35  | KrG | 0303620000 | SAK 35, 35 N  |
| AP 35  | PA  | 0303660000 |   |
| AP 70  | KrG | 0340920000 | SAK 70  |
| AP 70  | PA  | 0340960000 |   |
| AP 95  | KrG | 0550920000 | SAK 95  |
| AP 2.5 | KrG | 0309220000 | SAK 2.5 L   |
| AP     | PA  | 0438560000 | DK 4/380 Q  |
| AP     | KrG | 0266420000 | AST 1, 5 and 5 T                                    |
| AP     | KrG | 0298120000 | AST 3 and 4   |
| AP     | PA  | 0582560000 | AST 6, TOP 2.5                                      |
| AP     | PA  | 0483460000 | TOP 4 SF / FF                                       |
| AP     | KrG | 0294420000 | AKZ 4   |
| AP     | PA  | 0294460000 | AKZ 4 S and SS, AKZ 4, AKZ 4 L and LL, AKZ 4 T      |
| AP     | KrG | 0146720000 | SAKT 1, SAKC 10, SAKB 10, SAKS 7                    |
| AP     | KrG | 0329120000 | SAKT 2  |
| AP     | PA  | 0211360000 | SAKR, SAKR-L, SAKR-D                                |
| AP     | KrG | 0134220000 | SAKA 10   |
| AP     | KrG | 0191320000 | SAKS 1 and 3  |
| AP     | PA  | 0340560000 | AKZ 1.5, AKZ 1.5 T                                  |
| AP     | PA  | 0329660000 | AKZ 1.5 W   |
| AP     | KrS | 0131730000 | SAKH 6 - 10   |

I

### End clamp plates



Dimensions (mm)

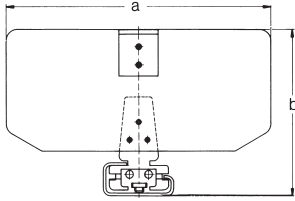
### EP end clamp plates for SAKG

| Material              | Thickness | a   | b    | Order No.  | for terminal type: |
|-----------------------|-----------|-----|------|------------|--------------------|
| for mounting on TS 32 |           |     |      |            |                    |
| HP                    | 2         | 120 | 75.5 | 0205100000 | SAKG 28, 32 II, 70 |
| HP T*                 | 2         | 120 | 75.5 | 0205200000 |                    |
| HP                    | 2         | 160 | 90.5 | 0205300000 | SAKG 32 I + III,   |
| HP T*                 | 2         | 160 | 90.5 | 0205400000 | 40, 46, 54         |
| for mounting on TS 35 |           |     |      |            |                    |
| HP                    | 2         | 120 | 75.5 | 0180500000 | SAKG 32 II, 70     |
| HP T*                 | 2         | 120 | 75.5 | 0180600000 |                    |
| HP                    | 2         | 160 | 90.5 | 0180700000 | SAKG 32 I + III,   |
| HP T*                 | 2         | 160 | 90.5 | 0180800000 | 40, 46, 54         |

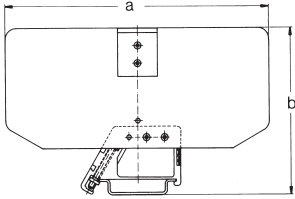
T\* = suitable for tropical applications

**End clamp plates**

**End clamp plate with mounting bracket EP ... /32**



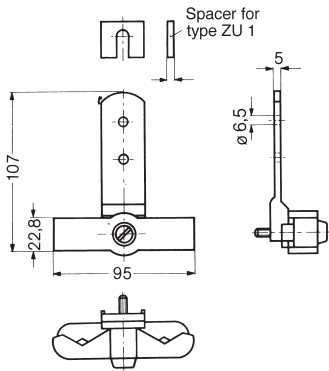
**End clamp plate with mounting bracket EP ... /35**



**EP end clamp plates**

| Type    | a   | b    | Order No.  | for terminal type:     |
|---------|-----|------|------------|------------------------|
| EP 1    | 120 | 75.5 | 0271800000 | SAKG 28 and SAKG 70    |
| EP 2    | 160 | 90.5 | 0271900000 | SAKG 32, 40, 46 and 54 |
| EP 1/35 | 120 | 76.5 | 1381600000 | SAKG 32 and SAKG 70    |
| EP 2/35 | 160 | 91.5 | 0182000000 | SAKG 32, 40, 46 and 54 |

**Strain relief clip**



Strain relief clip for gripping cables up to 30 mm dia. Attach the strain relief clip between TS and mounting surface using the TS fixing screw. Fit the spacer to suit with the second fixing screw.

**ZU 1**

| Material | Qty. | Order No.  |
|----------|------|------------|
| ZU 1     | 2    | 0240600000 |

End cover plates



Protection against contact with live parts

Apart from a few exceptions, the last terminal of a terminal strip must be covered with an AP end cover plate. And end cover plates are also required within a terminal strip containing terminals of different sizes.

This guarantees protection against contact with live parts. The modular terminals are finger-touch safe (to DIN VDE 0106-100).

Visual separation

Coloured end cover plates are frequently used to create a visual distinction between different circuits

Guaranteeing the operating voltage

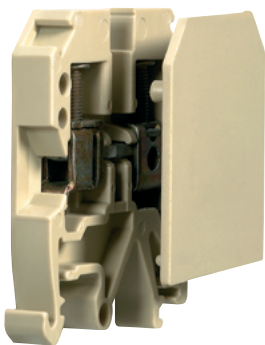
End cover plates can also be used to maintain the necessary clearance and creepage values and thus guarantee the operating voltage for the application. For example, if cross-connection sets are positioned directly adjacent one another.

Matching profiles

The overall dimensions of the end cover plates match the sizes of the associated terminals.

Installation

Spigots on the end cover plate enable it to be simply clipped into the corresponding modular terminal. The matching holes in the modular terminal ensure that the end cover plate is positioned exactly to match the profile of the terminal.

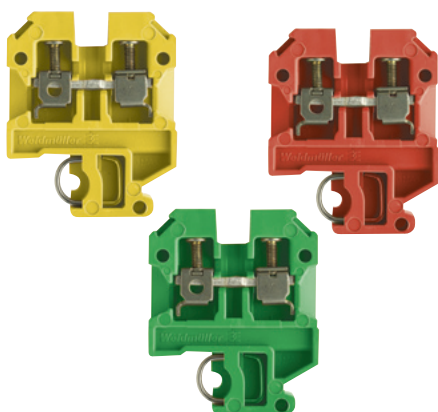


Visual separation – side covers

| Type                  | Colour     | Qty. | Order No.  |
|-----------------------|------------|------|------------|
| AP SAK4-10 DB         | dark beige | 20   | 0105100000 |
| AP SAK4-10 OR         | orange     | 20   | 0105160000 |
| AP ASK1 OR            | orange     | 20   | 0105360000 |
| AP DKT4 PA            | beige      | 20   | 0687560000 |
| AP AKZ2.5K            | beige      | 50   | 0697260000 |
| AP AKZ2.5             | beige      | 50   | 0697360000 |
| AP DKIT4              | beige      | 20   | 0635060000 |
| AP SAK4-10 RT         | red        | 20   | 0117900000 |
| AP SAK4-10 KRG/BL     | blue       | 20   | 0117970000 |
| AP SAK4-10 BL         | blue       | 20   | 0117980000 |
| AP SAKH 4EX           | black      | 20   | 0408730000 |
| AP SAKH6-10 EP/SW     | black      | 20   | 0131700000 |
| AP DUSA4/35           | beige      | 20   | 0401360000 |
| AP SAKB/C/T BE        | beige      | 20   | 0146760000 |
| AP SAKD2.5N BL        | blue       | 20   | 0150980000 |
| AP AKA2.5 KRG/BL      | blue       | 50   | 0162570000 |
| AP SAK4-10 KRG/DB     | dark beige | 20   | 0177600000 |
| AP SAKS1+3 KRG/DB     | dark beige | 20   | 0191300000 |
| AP SAKR BE            | beige      | 20   | 0211360000 |
| AP 70 SAK70 KRG       | dark beige | 10   | 0340920000 |
| AP SAKR BL            | blue       | 20   | 0211380000 |
| AP ASK1.5             | beige      | 50   | 0340560000 |
| AP SAK70/35           | beige      | 10   | 0340960000 |
| AP AST1+5 DB          | dark beige | 20   | 0266400000 |
| AP ASK1               | beige      | 20   | 0380360000 |
| AP SAK16 BL           | blue       | 20   | 0271180000 |
| AP DK4                | beige      | 20   | 0359260000 |
| AP SAK2.5 GE          | yellow     | 20   | 0279500000 |
| AP SAK2.5 OR          | orange     | 20   | 0279540000 |
| AP SAK2.5L KRG BL     | blue       | 20   | 0279570000 |
| AP SAK2.5 BL          | blue       | 20   | 0279580000 |
| AP AKZ4 BL            | blue       | 20   | 0294480000 |
| AP SAK95 KRG          | blue       | 10   | 0550920000 |
| AP DSK1.5             | beige      | 20   | 0532960000 |
| AP SAK35 KRG/BL       | blue       | 10   | 0303670000 |
| AP DK4S               | beige      | 20   | 0631360000 |
| AP SAK35/TW SAK16 BL  | blue       | 10   | 0303680000 |
| AP SAK2.5L KRG BL     | blue       | 20   | 0309270000 |
| AP ADK1               | beige      | 50   | 0476260000 |
| AP AKZ1.5 BL          | blue       | 50   | 0340580000 |
| AP SAK2.5/35 + AST3+4 | beige      | 20   | 0460560000 |
| AP TOP4SF-FF          | beige      | 20   | 0483460000 |
| AP DK4 BL             | blue       | 20   | 0359280000 |
| AP ASK1 RT            | red        | 20   | 0380350000 |
| AP ASK1 BL            | blue       | 20   | 0380380000 |
| AP DLD2.5/PE          | beige      | 20   | 1595960000 |
| AP VLI1.5/PE          | beige      | 20   | 1633320000 |
| AP VLI1.5             | beige      | 20   | 1633260000 |
| AP MAK2.5             | beige      | 20   | 1615280000 |
| AP DK4Q               | beige      | 20   | 1397160000 |
| AP DLI2.5             | beige      | 20   | 1313260000 |
| AP DLD2.5             | beige      | 20   | 1317660000 |
| AP ST5 PPO/SW         | black      | 10   | 0447240000 |
| AP ST5 PA/BE          | beige      | 10   | 0447260000 |
| AP SAK2.5/35 DB       | dark beige | 20   | 0460490000 |
| AP TW/SS.../35        | beige      | 10   | 1333200000 |
| AP SAK2.5/35 BL       | blue       | 20   | 0460580000 |
| AP SAKS1+3 KRG        | dark beige | 20   | 0191320000 |
| AP SAKD2.5N           | beige      | 20   | 0150960000 |
| AP SAKR KRG           | dark beige | 20   | 0211320000 |
| AP TAL                | beige      | 20   | 0212260000 |
| AP SAKA KRG           | dark beige | 20   | 0134220000 |
| AP SAK95 KRG/BL       | blue       | 10   | 0550970000 |
| AP SAKH6-10 KRG       | dark beige | 20   | 0131720000 |
| AP SAKB/C/T KRG       | dark beige | 20   | 0146720000 |
| AP AKA2.5             | beige      | 100  | 0162520000 |
| AP DK4Q DB            | dark beige | 20   | 0631300000 |
| AP DK4S BL            | blue       | 20   | 0631380000 |
| AP AKZ4               | blue       | 20   | 0294460000 |
| AP AKZ4 KRG           | dark beige | 20   | 0294420000 |
| AP SAK35/TW SAK16     | beige      | 10   | 0303660000 |

| Type                 | Colour     | Qty. | Order No.  |
|----------------------|------------|------|------------|
| AP SAK35 KRG         | dark beige | 10   | 0303620000 |
| AP AKZ2.5 BL         | blue       | 50   | 0697380000 |
| AP RSF2 KRG          | dark beige | 10   | 0301420000 |
| AP SAK2.5            | beige      | 20   | 0279560000 |
| AP SAK2.5 KRG        | dark beige | 20   | 0279520000 |
| AP DLD2.5 BL         | blue       | 20   | 1317680000 |
| AP AKZ1.5W           | beige      | 20   | 0329660000 |
| AP SAKT2 KRG         | dark beige | 20   | 0329120000 |
| AP AST3+4 KRG        | dark beige | 20   | 0298120000 |
| AP DK4Q BL           | blue       | 20   | 1397180000 |
| AP SAK2.5L KRG       | dark beige | 20   | 0309220000 |
| AP RSF3              | beige      | 10   | 0270460000 |
| AP RSF1 KRG          | dark beige | 10   | 0270420000 |
| AP AST1+5 KRG        | dark beige | 20   | 0266420000 |
| AP AST1+5            | beige      | 20   | 0266460000 |
| AP SAK16 KRG         | dark beige | 20   | 0271120000 |
| AP SAKT4 KRG         | dark beige | 20   | 0244920000 |
| AP SAK16             | beige      | 20   | 0271160000 |
| AP SAK4-10           | beige      | 20   | 0117960000 |
| AP SAK4-10 KRG       | dark beige | 20   | 0117920000 |
| AP SAK4-10 I         | beige      | 20   | 0117910000 |
| AP ASK1 DB           | dark beige | 20   | 1753320000 |
| AP 100 GR            | grey       | 20   | 1773410000 |
| AP DLI2.5 DB         | dark beige | 20   | 1783550000 |
| AP DLD2.5/PE DB      | dark beige | 20   | 1783800000 |
| AP VLI1.5 DB         | dark beige | 20   | 1784150000 |
| AP VLI1.5/PE DB      | dark beige | 20   | 1784160000 |
| AP DLD2.5 DB         | dark beige | 20   | 1784210000 |
| AP 110 GR            | grey       | 10   | 1790080000 |
| AP SAKR BE RS-SET    | beige      | 5    | 1820200000 |
| AP SAK4-10 GR 7042   | grey       | 20   | 1853970000 |
| AP 2 DSG1.5T         | beige      | 1    | 2119490000 |
| AP PPT/35            | black      | 10   | 3835120000 |
| AP RV                | beige      | 1    | 4145220000 |
| AP OSC 10/16         | beige      | 10   | 9154850000 |
| AP OSC 4             | beige      | 10   | 9154860000 |
| AP STA2.5 0.5MM      | beige      | 1    | 2012770000 |
| AP KDKS1 1.5         | beige      | 20   | 9503330000 |
| AP KDKS1 EN          | beige      | 20   | 9503340000 |
| AP KSKM              | beige      | 20   | 9509630000 |
| AP SAK4-10 GE        | yellow     | 1    | 2076890000 |
| AP SAK16 GE          | yellow     | 1    | 2076900000 |
| AP SAK35/TW SAK16 GE | yellow     | 1    | 2076910000 |
| AP AST3+4/35 GE      | yellow     | 1    | 2077060000 |
| AP AKZ4 GE           | yellow     | 50   | 2077070000 |
| AP SAK2.5/35         | beige      | 1    | 2144900000 |
| AP ATA1              | beige      | 1    | 2093550000 |
| AP SAK4 KRG M.FU     | dark beige | 20   | 0460020000 |
| AP DK4/380 Q         | beige      | 20   | 0438560000 |
| AP SAKB/C/T BE       | beige      | 1    | 4140450000 |
| AP SAKB/C/T1 DB      | dark beige | 1    | 4173520000 |
| AP MAK2.5 DB         | dark beige | 20   | 7917000000 |
| AP SAKK4/10 KER/WS   | white      | 10   | 9502630000 |
| AP KDKS1 1.5 DB      | dark beige | 20   | 9532470000 |

Colour coding options



The colours listed here are available as standard. Other types of terminals in custom colours can be supplied on request, provided a minimum quantity is ordered.

| Type                  | Colour       | Qty. | Order No.  |
|-----------------------|--------------|------|------------|
| SAK 2.5 AL BLUE (E)   | blue         | 100  | 6253140000 |
| SAK 2.5 BL            | blue         | 100  | 0279680000 |
| SAK 2.5 BL RS-SET     | blue         | 10   | 1817860000 |
| SAK 2.5 KRG/BL        | blue         | 100  | 0279670000 |
| SAK 2.5 OR            | orange       | 100  | 1326360000 |
| SAK 2.5 SW 1X1        | black        | 100  | 0108560000 |
| SAK 2.5 SW 1X1/KRG    | black        | 100  | 0108520000 |
| SAK 2.5/35 BL         | blue         | 100  | 0380480000 |
| SAK 2.5/35 DBL        | blue         | 100  | 1799920000 |
| SAK 2.5/35 GE         | yellow       | 100  | 1821480000 |
| SAK 2.5/35 KRG/BL     | blue         | 100  | 0380470000 |
| SAK 2.5/35 OR         | orange       | 100  | 0380440000 |
| SAK 2.5/35 RT         | red          | 100  | 1799910000 |
| SAK 2.5/35 SW         | black        | 100  | 1799900000 |
| SAK 2.5/35 SW 1X1     | black        | 100  | 0514060000 |
| SAK 2.5/EN BL         | blue         | 100  | 0218680000 |
| SAK 2.5/EN BR         | brown        | 100  | 1858450000 |
| SAK 2.5/EN SW         | black        | 100  | 1858440000 |
| SAK 2.5/EN WS         | white        | 100  | 1858460000 |
| SAK 2.5/TC AL BL      | blue         | 100  | 0107180000 |
| SAK 2.5/TC CH BL      | blue         | 100  | 0107280000 |
| SAK 35/35 BL          | blue         | 20   | 0380780000 |
| SAK 35/EN BL          | blue         | 20   | 1784400000 |
| SAK 4 BL              | blue         | 100  | 0128380000 |
| SAK 4 BL RS-SET       | blue         | 10   | 1817780000 |
| SAK 4 EP/SW           | black        | 100  | 0128300000 |
| SAK 4 KRG BL          | blue         | 100  | 0128370000 |
| SAK 4 OR              | orange       | 100  | 0105060000 |
| SAK 4 SS/35 6.3 GR    | grey         | 100  | 0646930000 |
| SAK 4/35 BL           | blue         | 100  | 0443680000 |
| SAK 4/35 KRG/BL       | blue         | 100  | 0443670000 |
| SAK 4/35 OR           | orange       | 100  | 1323660000 |
| SAK 4/35/AP GG        | green/yellow | 100  | 0443650000 |
| SAK 4/EN BL           | blue         | 100  | 0467480000 |
| SAK 4/EN BR           | brown        | 100  | 9130990000 |
| SAK 4/EN GE           | yellow       | 100  | 9129930000 |
| SAK 4/EN GN           | green        | 100  | 9129950000 |
| SAK 4/EN GR           | grey         | 100  | 9129960000 |
| SAK 4/EN GR 7042      | grey         | 100  | 1853950000 |
| SAK 4/EN OR           | orange       | 100  | 0467400000 |
| SAK 4/EN RT           | red          | 100  | 9129920000 |
| SAK 4/EN SW           | black        | 100  | 9130980000 |
| SAK 4/EN WS           | white        | 100  | 1773340000 |
| SAK 6/35 BL           | blue         | 100  | 0380580000 |
| SAK 6/35 GN/GE        | yellow       | 100  | 1866850000 |
| SAK 6/35 KRG/BL       | blue         | 100  | 0380570000 |
| SAK 6/EN BL           | blue         | 100  | 0212880000 |
| SAK 6/EN GE           | yellow       | 100  | 1772820000 |
| SAK 6/EN OR           | orange       | 100  | 1772810000 |
| SAK 6/EN RT           | red          | 100  | 0212840000 |
| SAK 6/EN SW           | black        | 100  | 0212810000 |
| SAK 6/EN WS           | white        | 100  | 1773350000 |
| SAK 6N BL             | blue         | 100  | 0193280000 |
| SAK 10 BL             | blue         | 100  | 0110080000 |
| SAK 10 KRG/BL         | blue         | 100  | 0110070000 |
| SAK 10 OR             | orange       | 100  | 0110040000 |
| SAK 10/35 BL          | blue         | 100  | 0443780000 |
| SAK 10/35 KRG/BL      | blue         | 100  | 0443770000 |
| SAK 10/EN BL          | blue         | 100  | 1784410000 |
| SAK 10/EN GR RAL 7042 | grey         | 100  | 1853960000 |
| SAK 10/EN OR          | orange       | 100  | 1772830000 |
| SAK 10/EN SW          | black        | 100  | 1773900000 |
| SAK 16 BL             | blue         | 50   | 0271080000 |
| SAK 16/35 BL          | blue         | 50   | 0380680000 |
| SAK 16/EN BL          | blue         | 50   | 1784390000 |
| SAK 70 KRG/BL         | blue         | 10   | 0340870000 |
| SAK 95/35 KRG/BL      | blue         | 10   | 0662270000 |
| SAKC 4/2STB7 BL       | blue         | 100  | 0340670000 |
| SAKD 2.5/35 BL        | blue         | 100  | 0268880000 |
| SAKD 2.5N BL          | blue         | 100  | 0215580000 |
| SAKH 6 EP/SW          | black        | 50   | 0126600000 |

| Type            | Colour | Qty. | Order No.  |
|-----------------|--------|------|------------|
| SAKH 10 EP/SW   | black  | 50   | 0126700000 |
| SAKH 35 EP/SW   | black  | 20   | 1596240000 |
| SAKR 2STB BL    | blue   | 100  | 0412280000 |
| SAKR BL         | blue   | 100  | 0412180000 |
| SAKR OR         | orange | 100  | 1461960000 |
| SAKR/35 2STB BL | blue   | 100  | 0183380000 |
| SAKR/35 BL      | blue   | 100  | 0172180000 |
| SAKR/35 WS      | white  | 100  | 0172190000 |

# Cross-connection systems

## Cross-connections across more than 10 modular terminals

The SAKD 2.5 N, SAK 2.5, SAK 4 and SAK 6 N terminals include the option of setting up a cross-connection with more than 10 poles, e.g. 20-pole:

2 No. Q 10 + 1 No. QL 2.

The end fixing screws are removed from the Q 10 links by unscrewing them from the VH sleeves. The QL 2 is positioned between these and the two fixing screws screwed into their VH sleeves again. This arrangement allows 20 poles to be crossconnected.

## Q pre-assembled cross-connectors

The pre-assembled cross-connector has the appropriate number of cross-connection links, cross-connection sleeves and fixing screws to match the number of poles required already installed in a captive arrangement. Such pre-assembled cross-connectors merely have to be inserted into the appropriate terminals during installation. These crossconnectors can be supplied in 2-, 3-, 4- and 10-pole versions.

## QL cross-connection links

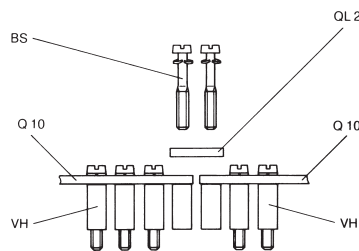
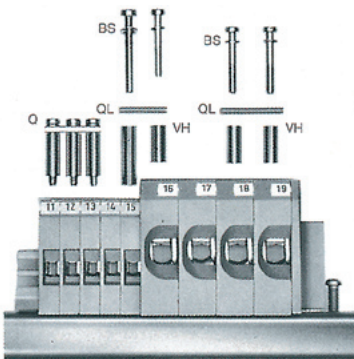
Cross-connection links are used to provide cross-connections with equal potential across several modular terminals. The cross-connection links are made from copper or brass with an electroplated tin coating, and can be supplied in lengths to suit 2, 3, 4 and 10 poles, to match the respective terminal width. The electrical connection between the cross-connection link and the busbar of the modular terminal is by way of a connecting sleeve.

## BS fixing screws

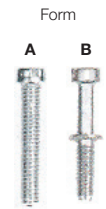
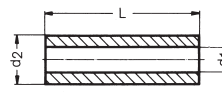
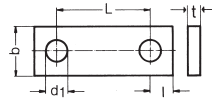
A steel fixing screw is used to connect the cross-connection link to the connecting sleeve on the busbar under a modular terminal. It is the purpose of the steel screw to provide a secure mechanical fixing between the cross-connection and the busbar. Two types of screw are used: form A has a full-length thread, and form B has a plain shaft below the head with a captive washer.

## VH connecting sleeves

The length of the connecting sleeve is matched to the size of the terminal. The sleeves are made from tin-coated copper or brass. One connecting sleeve must be used for every terminal to be cross-connected.



Cross-connection systems

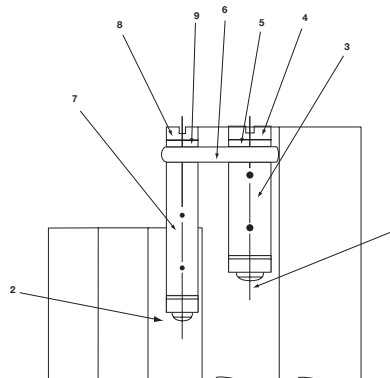
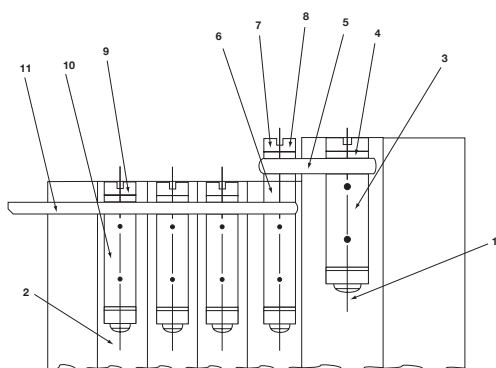


| Q                                  |       | QL                             |            | VH                     |            | BS  |     |                                   |     |     |               |           |            |      |     |                |            |   |        |
|------------------------------------|-------|--------------------------------|------------|------------------------|------------|---|-----|-----------------------------------|-----|-----|---------------|-----------|------------|------|-----|----------------|------------|---|--------|
| Rated current of modular terminals |       | Pre-assembled cross-connection |            | Cross-connection links |            | Continuous current rating of cross-connection |     | Connecting sleeves without thread |     |     | Fixing screws |           |            |      |     |                |            |   |        |
| Type                               | A     | Type Poles                     | Order No.  | Type Poles             | Order No.  | Dimensions                                    |     |                                   |     |     | Type Length   | Order No. | L          | d2   | d1  | Size Order No. | Form       | M |        |
| SAK 2.5                            | 24 A  | Q 2                            | 0370000000 | QL 2                   | 0155900000 | 6   | 0.6 | 6                                 | 3.4 | 2.4 | 32 A          | VH 8      | 0266700000 | 8    | 4.9 | 3.2            | 0359000000 | B | 3 x15  |
|                                    |       | Q 3                            | 3710000000 | QL 3                   | 0156000000 |   |     |                                   |     |     | 32 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 4                            | 3720000000 | QL 4                   | 0156100000 |   |     |                                   |     |     | 32 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 10                           | 0368700000 | QL 10                  | 0338100000 |   |     |                                   |     |     | 32 A          |           |            |      |     |                |            |   |        |
| SAK 4                              | 32 A  | Q 2                            | 0336700000 | QL 2                   | 0130600000 | 6   | 0.6 | 6.5                               | 3.4 | 2.5 | 41 A          | VH 13.5   | 0248500000 | 13.5 | 5   | 3.2            | 0303000000 | B | 3x20   |
|                                    |       | Q 3                            | 0336800000 | QL 3                   | 0130700000 |   |     |                                   |     |     | 41 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 4                            | 0336900000 | QL 4                   | 0130800000 |   |     |                                   |     |     | 41 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 10                           | 0368800000 | QL 10                  | 0338200000 |   |     |                                   |     |     | 36 A          |           |            |      |     |                |            |   |        |
| SAK 6 N                            | 41 A  | Q 2                            | 0456700000 | QL 2                   | 0194300000 | 6   | 1   | 8                                 | 3.4 | 3   | 41 A          | VH 12     | 0249000000 | 12   | 5   | 3.2            | 0303000000 | B | 3x20   |
|                                    |       | Q 3                            | 0456800000 | QL 3                   | 0194400000 |   |     |                                   |     |     | 41 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 4                            | 0456900000 | QL 4                   | 0194500000 |   |     |                                   |     |     | 41 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 10                           | 0457000000 | QL 10                  | 0338300000 |   |     |                                   |     |     | 41 A          |           |            |      |     |                |            |   |        |
| SAK 10                             | 57 A  | Q 2                            | 0457100000 | QL 2                   | 0470300000 | 6   | 2   | 10                                | 3.4 | 3.5 | 57 A          | VH 12     | 0249000000 | 12   | 5   | 3.2            | 0303000000 | B | 3x20   |
|                                    |       | Q 3                            | 0457200000 | QL 3                   | 0470400000 |   |     |                                   |     |     | 57 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 4                            | 0457300000 | QL 4                   | 0470500000 |   |     |                                   |     |     | 57 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 10                           | 0457400000 | QL 10                  | 0470600000 |   |     |                                   |     |     | 57 A          |           |            |      |     |                |            |   |        |
| SAK 16                             | 76 A  | Q 2                            | 0457500000 | QL 2                   | 0470700000 | 6   | 2   | 12                                | 3.4 | 4   | 76 A          | VH 12     | 0249000000 | 12   | 5   | 3.2            | 0303000000 | B | 3x20   |
|                                    |       | Q 3                            | 0457600000 | QL 3                   | 0470800000 |   |     |                                   |     |     | 76 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 4                            | 0457700000 | QL 4                   | 0470900000 |   |     |                                   |     |     | 76 A          |           |            |      |     |                |            |   |        |
|                                    |       | Q 10                           | 0457800000 | QL 10                  | 0471000000 |   |     |                                   |     |     | 76 A          |           |            |      |     |                |            |   |        |
| SAK 35 N                           | 125 A |                                |            | QL 2                   | 0564900000 | 8   | 3   | 16                                | 4.5 | 5   | 99 A          | VH 17     | 0267000000 | 17   | 8   | 5              | 0267100000 | A | 4x30   |
|                                    |       |                                |            | QL 3                   | 0565000000 |   |     |                                   |     |     | 99 A          |           |            |      |     |                |            |   |        |
|                                    |       |                                |            | QL 4                   | 0565100000 |   |     |                                   |     |     | 99 A          |           |            |      |     |                |            |   |        |
|                                    |       |                                |            | QL 10                  | 0565200000 |   |     |                                   |     |     | 99 A          |           |            |      |     |                |            |   |        |
| SAK 35                             | 125 A |                                |            | QL 2                   | 0123600000 | 8   | 3   | 18                                | 4.5 | 5   | 99 A          | VH 17     | 0267000000 | 17   | 8   | 5              | 0267100000 | A | 4x30   |
|                                    |       |                                |            | QL 3                   | 0123700000 |   |     |                                   |     |     | 99 A          |           |            |      |     |                |            |   |        |
|                                    |       |                                |            | QL 4                   | 0123800000 |   |     |                                   |     |     | 99 A          |           |            |      |     |                |            |   |        |
|                                    |       |                                |            | QL 10                  | 0338600000 |   |     |                                   |     |     | 99 A          |           |            |      |     |                |            |   |        |
| SAK 70                             | 192 A |                                |            | QL 2                   | 0345300000 | 14  | 4   | 22                                | 5.5 | 7   | 180 A         | VH 30.5   | 0345500000 | 30.5 | 11  | 5.5            | 0345600000 | A | 5x45   |
|                                    |       |                                |            | QL 3                   | 0167000000 |   |     |                                   |     |     | 180 A         |           |            |      |     |                |            |   |        |
| SAK 95                             | 232 A |                                |            | QL 2                   | 0551200000 | 14  | 4   | 28                                | 6   | 7   | 180 A         | VH 35     | 0551100000 | 35   | 11  | 5.5            | 0630200000 | B | 5x50   |
|                                    |       |                                |            | QL 3                   | 0407600000 |   |     |                                   |     |     | 180 A         |           |            |      |     |                |            |   |        |
|                                    |       |                                |            | QL 4                   | 0407700000 |   |     |                                   |     |     | 180 A         |           |            |      |     |                |            |   |        |
| SAKS 1                             | 6,3 A |                                |            | QL 2                   | 0191400000 | 6   | 2   | 12.9                              | 3.4 | 3   | 47 A          |           |            |      |     |                | 0346200000 | B | 3 x 6  |
| SAKS 3                             | 10 A  |                                |            | QL 3                   | 0191500000 |   |     |                                   |     |     | 47 A          |           |            |      |     |                |            |   |        |
| SAKS 6                             | 10 A  |                                |            | QL 4                   | 0191600000 |   |     |                                   |     |     | 47 A          |           |            |      |     |                |            |   |        |
| SAKS 7                             | 10 A  |                                |            | QL 10                  | 0338800000 |   |     |                                   |     |     | 36 A          |           |            |      |     |                |            |   |        |
| SAKS 4                             | 16 A  |                                |            | QL 2                   | 0328000000 | 10  | 4   | 24                                | 4.8 | 5   | 47 A          |           |            |      |     |                | 0199700000 | A | 3 x 7  |
|                                    |       |                                |            | QL 3                   | 0328100000 |   |     |                                   |     |     | 47 A          |           |            |      |     |                | 0103300000 | A | 4 x 9  |
|                                    |       |                                |            | QL 4                   | 0328200000 |   |     |                                   |     |     | 47 A          |           |            |      |     |                |            |   |        |
|                                    |       |                                |            | QL 10                  | 0339000000 |   |     |                                   |     |     | 36 A          |           |            |      |     |                |            |   |        |
| SAKS 2                             | 10 A  |                                |            | QL 2                   | 0207800000 | 10  | 4   | 27.6                              | 4.8 | 6.5 | 47 A          |           |            |      |     |                | 0103300000 | A | 4 x 9  |
| SAKS 5                             | 63 A  |                                |            | QL 3                   | 0207900000 |   |     |                                   |     |     | 47 A          |           |            |      |     |                |            |   |        |
|                                    |       |                                |            | QL 4                   | 0208000000 |   |     |                                   |     |     | 47 A          |           |            |      |     |                |            |   |        |
|                                    |       |                                |            | QL 10                  | 0338900000 |   |     |                                   |     |     | 36 A          |           |            |      |     |                |            |   |        |
| DK 4 Q                             | 41 A  | Q 2                            | 0336400000 | QL 2                   | 0297200000 | 4   | 0.8 | 6.1                               | 2.8 | 2.5 | 32 A          | VH 5      | 0296800000 | 5    | 4   | 2.7            | 0400100000 | B | 2.5x11 |
| DKB 4 Q/10                         | 41 A  | Q 3                            | 0336500000 | QL 3                   | 0297300000 |   |     |                                   |     |     | 32 A          |           |            |      |     |                |            |   |        |

## Potential distribution

### Cross-connection systems

#### Cross-connections between terminals of different sizes to increase the cross-section

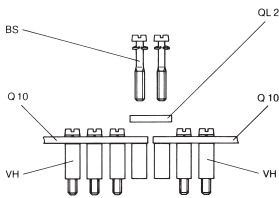


| Terminal              | Position | Type        | Order No.  | Current |
|-----------------------|----------|-------------|------------|---------|
| from SAK 16           | 1        | -           | -          | -       |
| sleeve                | 3        | VH 12       | 0249000000 | -       |
| screw                 | 4        | BS M 3 x 20 | 0303000000 | -       |
| to SAK 6 N            | 2        | -           | -          | -       |
| cross-connection link | 5        | QL 2        | 0470300000 | -       |
| sleeve                | 6        | VH 4,5      | 0303200000 | -       |
| screw                 | 7        | BS M 3 x 25 | 0292500000 | -       |
| washer                | 8        | SS M 3      | 0164400000 | -       |
| screw                 | 9        | BS M 3 x 20 | 0303000000 | -       |
| sleeve                | 10       | VH 12       | 0249000000 | -       |
| cross-connection link | 11       | QL 2        | 0194300000 | 47 A    |
| cross-connection link | 11       | QL 3        | 0194400000 | 47 A    |
| cross-connection link | 11       | QL 4        | 0194500000 | 47 A    |
| cross-connection link | 11       | QL 10       | 0338300000 | 36 A    |
| to SAK 2.5            | 2        | -           | -          | -       |
| cross-connection link | 5        | QL 2        | 0470300000 | -       |
| sleeve                | 6        | VH 12       | 0249000000 | -       |
| screw                 | 7        | BS M 3 x 30 | 0296200000 | -       |
| retaining screw       | 8        | SS M 3      | 0164400000 | -       |
| screw                 | 9        | BS M 3 x 15 | 0359000000 | -       |
| sleeve                | 3        | VH 12.5     | 0308000000 | -       |
| sleeve                | 3        | VH 8        | 0266700000 | -       |
| cross-connection link | 11       | QL 2        | 0155900000 | 27 A    |
| cross-connection link | 11       | QL 3        | 0156000000 | 27 A    |
| cross-connection link | 11       | QL 4        | 0156100000 | 27 A    |
| cross-connection link | 11       | QL 10       | 0338100000 | 27 A    |
| from SAK 10           | 1        | -           | -          | -       |
| screw                 | 4        | BS M 3 x 20 | 0303000000 | -       |
| to SAK 4              | 2        | -           | -          | -       |
| sleeve                | 3        | VH 13.5     | 0248500000 | -       |
| cross-connection link | 5        | QL 2        | 1443000000 | -       |
| screw                 | 7        | BS M 3 x 20 | 0303000000 | -       |
| screw                 | 9        | BS M 3 x 20 | 0303000000 | -       |
| sleeve                | 10       | VH 13.5     | 0248500000 | -       |
| cross-connection link | 11       | QL 2        | 0130600000 | 36 A    |
| cross-connection link | 11       | QL 3        | 0130070000 | 36 A    |
| cross-connection link | 11       | QL 4        | 0130800000 | 36 A    |
| cross-connection link | 11       | QL 10       | 0338200000 | 36 A    |
| to SAK 2.5            | 2        | -           | -          | -       |
| cross-connection link | 5        | QL 2        | 0193400000 | 36 A    |
| sleeve                | 1        | VH 13       | 0304000000 | -       |
| screw                 | 4 + 7    | BS M 3 x 20 | 0303000000 | -       |
| screw                 | 9        | BS M 3 x 15 | 0359000000 | -       |
| sleeve                | 10       | VH 8        | 0266700000 | -       |
| cross-connection link | 11       | QL 2        | 0155900000 | 27 A    |
| cross-connection link | 11       | QL 3        | 0156000000 | 27 A    |
| cross-connection link | 11       | QL 4        | 0156100000 | 27 A    |
| cross-connection link | 11       | QL 10       | 0338100000 | 27 A    |
| sleeve                | 3        | VH 13       | 0304000000 | -       |
| sleeve                | 3        | VH 6.5      | 0286400000 | -       |

| Terminal              | Position | Type        | Order No.  | Current |
|-----------------------|----------|-------------|------------|---------|
| von SAK 35            | 1        | -           | -          | -       |
| sleeve                | 3        | VH 17       | 0267000000 | -       |
| screw                 | 4        | BS M 4 x 30 | 0267100000 | -       |
| washer                | 5        | SS M 4      | 0136400000 | -       |
| zu SAK 10 N           | 2        | -           | -          | -       |
| cross-connection link | 5        | QL 2        | 0207400000 | 47 A    |
| sleeve                | 6        | VH 4,5      | 0303200000 | -       |
| screw                 | 8        | BS M 3 x 35 | 0309800000 | -       |
| washer                | 9        | SS M 3      | 0164400000 | -       |
| zu SAK 6 N            | 2        | -           | -          | -       |
| cross-connection link | 6        | QL 2        | 0207400000 | 47 A    |
| sleeve                | 7        | VH 27       | 0309400000 | -       |
| screw                 | 8        | BS M 3 x 35 | 0309800000 | -       |
| retaining screw       | 9        | SS M 3      | 0164400000 | -       |
| von SAK 35 N          | 1        | -           | -          | -       |
| sleeve                | 3        | VH 17       | 0267000000 | -       |
| screw                 | 4        | BS M 4 x 30 | 0267100000 | -       |
| retaining screw       | 5        | SS M 4      | 0136400000 | -       |
| zu SAK 10             | 2        | -           | -          | -       |
| cross-connection link | 6        | QL 2        | 0207400000 | 47 A    |
| sleeve                | 7        | VH 27       | 0309400000 | -       |
| screw                 | 8        | BS M 3 x 35 | 0309800000 | -       |
| retaining screw       | 9        | SS M 3      | 0164400000 | -       |
| zu SAK 6 N            | 2        | -           | -          | -       |
| cross-connection link | 6        | QL 2        | 0135500000 | 47 A    |
| sleeve                | 7        | VH 27       | 0309400000 | -       |
| screw                 | 8        | BS M 3 x 35 | 0309800000 | -       |
| retaining screw       | 9        | SS M 3      | 0164400000 | -       |
| von SAK 10            | 1        | -           | -          | -       |
| sleeve                | 3        | VH 12.5     | 0300800000 | -       |
| screw                 | 4        | BS M 3 x 20 | 0303000000 | -       |
| retaining screw       | 5        | SS M 3      | included   | -       |
| zu SAK 35 N           | 1        | -           | -          | -       |
| sleeve                | 3        | VH 13       | 0304000000 | -       |
| screw                 | 4        | BS M 3 x 20 | 0303000000 | -       |
| washer                | 5        | SS M 3      | included   | -       |
| zu SAK 2.5            | 2        | -           | -          | -       |
| cross-connection link | 6        | QL 2        | 0130600000 | 27 A    |
| sleeve                | 7        | VH 16       | 0309700000 | -       |
| screw                 | 8        | BS M 3 x 20 | 0303000000 | -       |
| retaining screw       | 9        | SS M 3      | included   | -       |

### Screw-in cross-connectors (Q)

In this type of cross-connection the cross-connection link, connecting sleeves and fixing screws are pre-assembled in a captive arrangement. However, all the individual parts are also available separately on request. During installation, these pre-assembled cross-connectors are simply inserted into the cross-connection slot in the middle of the terminal and screwed tight. Any number of poles can be achieved by linking two cross-connections. For example, a 20-pole cross-connection by joining together two 10-pole cross-connections with the cross-connection link of a 2-pole cross-connection (see figure below)..



### Q ... AKZ 4SS



| Technical specification               |       |
|---------------------------------------|-------|
| continuous current, 2-pole/multi-pole | A     |
| thread size                           | M 2.5 |
| tightening torque                     | Nm    |

| Ordering data |                |
|---------------|----------------|
| 2-pole        | Q...2 AKZ 4SS  |
| 3-pole        | Q...3 AKZ 4SS  |
| 4-pole        | Q...4 AKZ 4SS  |
| 10-pole       | Q...10 AKZ 4SS |
| 24-pole       |                |

|             |
|-------------|
| 32 / 32     |
| M 2.5       |
| 0.4 ... 0.6 |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| Q...2 AKZ 4SS  | 50   | 0369000000 |
| Q...3 AKZ 4SS  | 50   | 0369100000 |
| Q...4 AKZ 4SS  | 50   | 0369200000 |
| Q...10 AKZ 4SS | 20   | 0369300000 |

for terminal  
AKZ 4SS

### Q ... DLI 2.5



|             |
|-------------|
| 24 / 24     |
| M 2.5       |
| 0.4 ... 0.6 |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| Q...2 DLI 2..5 | 50   | 1312500000 |
| Q...3 DLI 2..5 | 50   | 1312600000 |
| Q...4 DLI 2.5  | 50   | 1312700000 |
| Q...10 DLI 2.5 | 20   | 1313100000 |

for terminal  
DLI 2.5  
DLA 2.5  
DLD 2.5

### Q ... AKZ 1.5



| Technical specification               |       |
|---------------------------------------|-------|
| continuous current, 2-pole/multi-pole | A     |
| thread size                           | M 2.5 |
| tightening torque                     | Nm    |

| Ordering data |                |
|---------------|----------------|
| 2-pole        | Q...2 AKZ 1.5  |
| 3-pole        | Q...3 AKZ 1.5  |
| 4-pole        | Q...4 AKZ 1.5  |
| 10-pole       | Q...10 AKZ 1.5 |
| 24-pole       |                |

|             |
|-------------|
| 24 / 24     |
| M 2.5       |
| 0.4 ... 0.6 |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| Q...2 AKZ 1.5  | 50   | 0368200000 |
| Q...3 AKZ 1.5  | 50   | 0368300000 |
| Q...4 AKZ 1.5  | 50   | 0368400000 |
| Q...10 AKZ 1.5 | 20   | 0368500000 |

for terminal  
AKZ 1.5  
AKZ 2.5

### Q ... AKZ 4



|             |
|-------------|
| 32 / 32     |
| M 2.5       |
| 0.4 ... 0.6 |

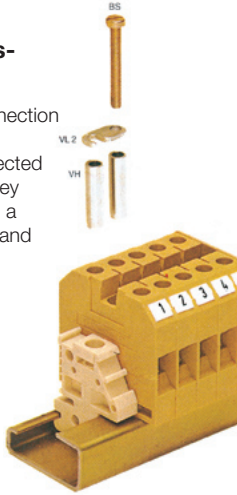
| Type         | Qty. | Order No.  |
|--------------|------|------------|
| Q...2 AKZ 4  | 50   | 0336400000 |
| Q...3 AKZ 4  | 50   | 0336500000 |
| Q...4 AKZ 4  | 50   | 0336600000 |
| Q...10 AKZ 4 | 20   | 0338600000 |

for terminal  
AKZ 4

## Potential distribution

### Removable cross-connection links

Removable cross-connection links are intended for 2-pole, easily disconnected cross-connections. They are fitted together with a VH connecting sleeve and a BS fixing screw.



### VL 2

Removable cross-connection links



| for terminal |
|--------------|
| SAK 4        |
| SAK 6 N      |
| SAK 10       |
| SAK 16       |
| SAK 35       |

| Type | Qty. | Order No.  |
|------|------|------------|
| VL 2 | 50   | 0197000000 |
| VL 2 | 50   | 0194700000 |
| VL 2 | 50   | 0135900000 |
| VL 2 | 50   | 0135800000 |
| VL 2 | 50   | 0124000000 |

### VH

Connecting sleeves



| Type    | Qty. | Order No.  |
|---------|------|------------|
| VH 19   | 50   | 0285100000 |
| VH 19   | 50   | 0285100000 |
| VH 19   | 50   | 0285100000 |
| VH 24,5 | 50   | 0298700000 |

### BS

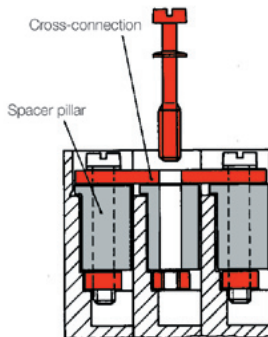
Fixing screws



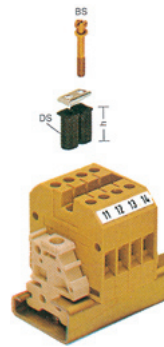
| Type     | Qty. | Order No.  |
|----------|------|------------|
| BS M3x25 | 100  | 0292500000 |
| BS M3x25 | 100  | 0292500000 |
| BS M3x25 | 100  | 0292500000 |
| BS M4x35 | 50   | 0298900000 |

### Spacer pillars

The DS spacer pillars are made from a tempered insulating material and are used so that individual current paths can be disconnected by removing the fixing screw. The current in the cross-connection is fed via the fixing screw in this arrangement. Therefore, we prescribe the use of screws made from CuNi 60 (a copper-nickel alloy). The use of an end bracket with a screw holder avoids losing fixing screws that have been removed.



### Spacer pillars type DS



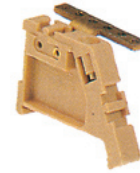
| for terminal      |
|-------------------|
| SAK 2.5           |
| SAK 4             |
| SAK 6 N           |
| SAK 10 and SAK 16 |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| DS 9*          | 100  | 0330930000 |
| BS M 3x15 CuNi | 100  | 0377200000 |
| DS 14*         | 100  | 0207530000 |
| BS M 3x20 CuNi | 100  | 0377100000 |
| DS 12,5*       | 100  | 0207730000 |
| BS M 3x20 CuNi | 100  | 0377100000 |
| DS 12,5*       | 100  | 0207630000 |
| BS M 3x20 CuNi | 100  | 0377100000 |

\* Height in mm

### EW 35

End bracket for TS 35 with screw holder for fixing screws that have been removed.



| Type                         | Qty. | Order No.  |
|------------------------------|------|------------|
| EW35/TS 35 with screw holder | 20   | 0258660000 |

### EWK 2

End bracket for TS 32 with screw holder for fixing screws that have been removed.



| Type                          | Qty. | Order No.  |
|-------------------------------|------|------------|
| EWK 2/TS 32 with screw holder | 20   | 0258760000 |

### Rail holder

For an insulated terminal rail arrangement in fully insulated installations.



### SH 2

| for terminal   |
|--|
| EK 2.5 N, EK 2.5/35, EK 4, EK 4/35, EK 6/35, EK 10, EK 10/35, EK 16, EK 16/35, EK 35, EK 35/35 |

| Type | Qty. | Order No.  |
|------|------|------------|
| SH2  | 10   | 0494920000 |

### Cross-connection combs

Cross-connection combs are fitted externally and enable current splitting at modular terminals that do not have a cross-connection slot in the middle of the terminal or that those where two potentials have to be fed in parallel. Types QB 2, 3 and 4 are insulated cross-connection combs. Types QB 58 and 75 are supplied in 58- and 75-pole versions respectively. The poles are easily broken out/off manually. Push-on insulation for subsequent shock protection is available for both pitches. When using such external cross-connectors, the rated cross-section is reduced to the next smaller conductor size.

### QB 2-, 3- and 4-pole

angled



### QB 58, QB 75



Poles are easily broken off manually for clamping points that do not need to be cross-connected.

Cross-connection comb

| insulated |             |
|-----------|-------------|
| pitch mm  | pitch mm    |
| 8.0       | 6.0 and 6.5 |

Cross-connection comb

| uninsulated (available with insulation as shock protection on request) |          |
|--|----------|
| pitch mm   | pitch mm |
| 8.0  | 6.0      |

| e.g. SAK 6 |                            | e.g. SAK 2.5 |                            |
|------------|----------------------------|--------------|----------------------------|
| QB 58      |                            | QB 75        |                            |
| Qty.       | Order No.                  | Qty.         | Order No.                  |
| 10         | 0545400000 <sup>1)2)</sup> |              |                            |
| 10         | 0545300000 <sup>1)2)</sup> |              |                            |
|            |                            | 10           | 0535200000 <sup>1)2)</sup> |
|            |                            | 10           | 0526400000 <sup>1)2)</sup> |
| 10         | 0546000000                 | 10           | 0526700000                 |
| 10         | 0546080000                 | 10           | 0526780000                 |
| 10         | 0546040000                 | 10           | 0526760000                 |

QB 2, 2-pole  
 QB 3, 3-pole  
 QB 4, 4-pole  
 QB 58-pole, straight  
 QB 58-pole, angled  
 QB 75-pole, straight  
 QB 75-pole, angled

black insulation  
 blue insulation  
 red insulation

| Qty. | Order No.                | Qty. | Order No.                |
|------|--------------------------|------|--------------------------|
| 50   | 0461100000 <sup>1)</sup> | 50   | 0482700000 <sup>1)</sup> |
| 50   | 0461200000 <sup>1)</sup> | 50   | 0482800000 <sup>1)</sup> |
| 50   | 0461300000 <sup>1)</sup> | 50   | 0482900000 <sup>1)</sup> |

<sup>1)</sup>Current-carrying capacity 27 A

<sup>2)</sup>The mounting tolerances of the terminals must be taken into account.

### Plug-in cross-connectors type QS and DQS

QS and DQS plug-in cross-connectors are used in conjunction with sockets to create easily disconnected cross-connections between modular terminals.

### DQS 2

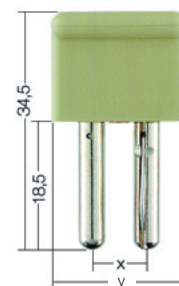
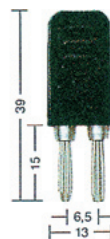
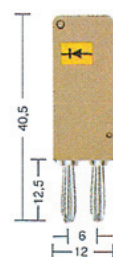
für Steckbuchsen 2.3 mm Ø

### QS 2

für Steckbuchsen 2.3 mm Ø

### QS 2

für Steckbuchsen 4 mm Ø belastbar bis 44 A



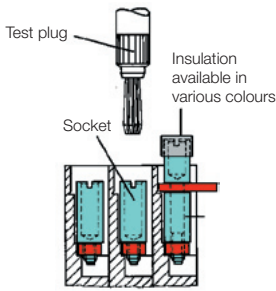
|  |  |  |
|--|--|--|
| or 6 mm terminal width (e.g. SAK 2.5) with jumper/as test plug with diode 1 N 4007 |  |  |
| without diode  |  |  |
| for 6.5 mm terminal width (e.g. SAK 4)   |  |  |
| for 8 mm terminal width (e.g. SAK 6 N)   |  |  |
| for 10 mm terminal width (e.g. SAK 10)   |  |  |
| for 12 mm terminal width (e.g. SAK 16)   |  |  |

| Type  | Qty. | Order No.  |
|---|------|------------|
| DQS 2 (2-pole) for up to 20 A                 | 20   | 0471560000 |
| DQS 2 (2-pole) max. 1 A                       | 20   | 0471460000 |
| DQS 2 (2-pole) installation space 9 x 9 x 4.5 | 20   | 0471660000 |
| QS 2 (2-pole) for up to 20 A                  | 20   | 0212700000 |

| Type                                    | Qty. | Order No.  |
|---|------|------------|
| QS 2 (2-pole) dim. x = 8 mm, y = 16 mm  | 20   | 0270960000 |
| QS 2 (2-pole) dim. x = 10 mm, y = 20 mm | 20   | 0270860000 |
| QS 2 (2-pole) dim. x = 12 mm, y = 20 mm | 20   | 0270760000 |

**Testing/Checking**

**Test plugs/Sockets**



**Test plugs (PS)** are used for measurement purposes or for the final checking of a finished terminal strip installation. Test plugs for sockets are available with 2.3 and 4 mm I.D. The difference between these and a test adapter is that the test plug does not automatically clip into the terminal. This means that a secure connection to modular feed-through terminals up to 35 mm<sup>2</sup> is only possible in conjunction with a socket.

The **sockets (StB)** enable the PS test plug and the QS plug-in cross-connectors to be plugged in. The sockets are screwed into the busbar in the cross-connection slot in the middle of the terminal or screwed into the modular terminal instead of the clamping screw.

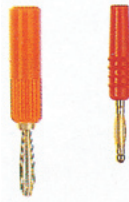
If a cross-connection has to provide a test option as well, then an StB 28.5 or 30.5, which has an insulating sleeve and can accommodate the PS 4 test plug, is screwed in instead of the fixing screw.

**PS**



| Type                                       | Qty. | Order No.  |
|--|------|------------|
| 2.3 mm dia./rated current 17.5 A<br>PS 2.3 | 20   | 0180400000 |
| 4.0 mm dia./rated current 24 A<br>PS 4     | 20   | 0299600000 |

**PS 2 / PS 2 MC**



| Type   | Qty. | Order No.  |
|--|------|------------|
| PS 2 for 2 mm dia. sockets<br>for soldered conductor cross-section 1.5 mm <sup>2</sup>   | 20   | 0293800000 |
| PS 2 MC<br>for soldered conductor cross-section 0.75 mm <sup>2</sup> , can also be plugged directly into threaded hole in busbar for terminal types AKZ 4, AKB 4, AKZ 2.5, AKZ 1.5 | 20   | 0310000000 |

**ZS 2.3/4**



| Type   | Qty. | Order No.  |
|--|------|------------|
| ZS 2.3/4<br>Adapter plug for connecting sockets with 2.3 and 4 mm I.D. Can also be plugged directly into threaded hole in busbar for terminal types SAK 2.5 and SAK 4. | 20   | 0249600000 |

**FZS 2/4 / FK 4**



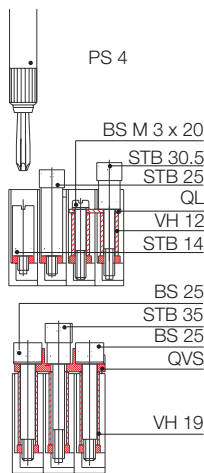
| Type   | Qty. | Order No.  |
|--|------|------------|
| FZS 2/4<br>Flexible adapter plug for connecting sockets with 2.3 and 4 mm I.D.   | 20   | 1276300000 |
| FK 4<br>Flexible coupling for connecting test plug to test adapter. The unconnected end of the conductor is protected against fraying by a wire end ferrule. | 20   | 1678650000 |

**TA 1**



| Type   | Qty. | Order No.  |
|--|------|------------|
| TA 1<br>The conductor is soldered on, or crimped on with the HTG 58 crimping pliers.         | 20   | 0535860000 |
| HTG 58<br>conductor: max. 0.75 mm <sup>2</sup><br>remove shoulder<br>stripping length: 14 mm | 1    | 9012000000 |

The SAKR modular disconnect terminals are available already fitted with sockets (see "Modular disconnect terminals"). These sockets are provided with a slot for actuating with a screwdriver. Weidmüller can supply special screwdrivers with a shoulder for this purpose (chapter J).

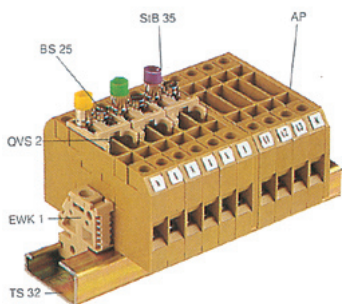


**StB for SAKT**

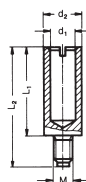
The type StB 25 socket accepts test plug PS 4 in type SAKT 1 and SAKT 2 disconnect terminals, or the QS plug-in cross connector.

The type StB 35 socket is used when simultaneous testing is necessary with a QVS cross-connection slider.

Complete with insulating sleeve to prevent contact with live parts and colour-coded test plug and plug-in cross-connection, 4 mm dia.

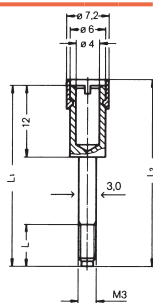


**StB 5.5...17**



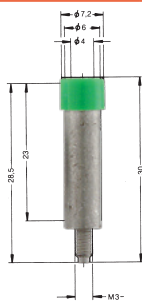
| Type     | for terminal type              | L1   | L2   | d1  | d2  | M   | Qty. | Order No.  |
|----------|--------------------------------|------|------|-----|-----|-----|------|------------|
| StB 5.5  | SAKL 4/20 1)                   | 5,5  | 11   | 2,3 | 3,7 | 3   | 100  | 0122700000 |
| StB 6    | AKZ 4, DK 4, SAKR 1)           | 6    | 11,5 | 2,3 | 3,9 | 3   | 100  | 0379400000 |
| StB 6    | SAK 2.5 1)                     | 6    | 13   | 2,3 | 3,9 | 2,5 | 50   | 0130200000 |
| StB 7    | SAKC4, SAK4 1)                 | 7    | 14,5 | 2,3 | 4   | 3   | 100  | 0358500000 |
| StB 7.5  | SAK 10, SAKB 10 1)             | 7,5  | 17   | 4   | 6   | 4   | 50   | 0130000000 |
| StB 8.5  | AKZ 4 / DK 4/ SAKD 2.5 N       | 8,5  | 11,5 | 2,3 | 4   | 2,5 | 50   | 0215700000 |
| StB 8.5  | SAK 2.5                        | 8,5  | 12   | 2,3 | 5   | 3   | 50   | 0280600000 |
| StB 8.5  | SAKT 4                         | 8,5  | 12   | 2   | 4,5 | 3   | 50   | 0244600000 |
| StB 13.5 | SAKA 10 / SAKC 10              | 13,5 | 18,5 | 4   | 6   | 4   | 50   | 0135200000 |
| StB 14   | SAK 4                          | 14   | 17,5 | 2,3 | 5   | 3   | 50   | 0168600000 |
| StB 14   | SAK6N, 10, 16 / SAKT 1, SAKT 2 | 14   | 19   | 4   | 6   | 3   | 50   | 0169900000 |
| StB 16   | SAK70, SAK 95                  | 16   | 28   | 4   | 7   | 5   | 50   | 0385400000 |
| StB 16   | SAK 35, SAKB 10                | 16   | 23   | 4   | 7   | 4   | 50   | 0140200000 |
| StB 17   | SAKC 10                        | 17   | 22   | 4   | 6   | 4   | 50   | 0147100000 |

**StB 28.5 / 30.5**



| Type     | Colour | terminal type  | L1   | L2   | L | Qty. | Order No.  |
|----------|--------|----------------|------|------|---|------|------------|
| StB 30.5 | black  | SAK 4, SAK 6 N | 30.5 | 31.7 | 7 | 50   | 0341000000 |
| StB 30.5 | grey   | SAK 10, SAK 16 | -    | -    | - | 50   | 0341100000 |
| StB 30.5 | blue   | -              | -    | -    | - | 50   | 0341200000 |
| StB 30.5 | red    | -              | -    | -    | - | 50   | 0341300000 |
| StB 30.5 | green  | -              | -    | -    | - | 50   | 0341400000 |
| StB 30.5 | yellow | -              | -    | -    | - | 50   | 0341500000 |
| StB 30.5 | violet | -              | -    | -    | - | 50   | 0341600000 |
| StB 28.5 | black  | SAK 2.5        | 28.5 | 29.7 | 9 | 50   | 0133400000 |

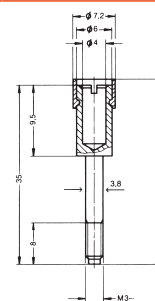
**StB 25**



| Type   | Colour | for terminal type | Qty. | Order No.  |
|--------|--------|-------------------|------|------------|
| StB 25 | yellow | SAKT 1 and SAKT 2 | 50   | 0267200000 |
|        | green  |                   | 50   | 0271200000 |
|        | violet |                   | 50   | 0271300000 |
|        | black  |                   | 50   | 0271500000 |
|        | grey   |                   | 50   | 0271400000 |
|        | blue   |                   | 50   | 0343400000 |
|        | red    |                   | 50   | 0343300000 |

<sup>1)</sup> used instead of the clamping screw

**StB 35**



| Type   | Colour | for terminal type | Qty. | Order No.  |
|--------|--------|-------------------|------|------------|
| StB 35 | yellow | SAKT 1 and SAKT 2 | 50   | 0389000000 |
|        | green  |                   | 50   | 0388900000 |
|        | violet |                   | 50   | 0389100000 |
|        | black  |                   | 50   | 0388500000 |
|        | grey   |                   | 50   | 0388600000 |
|        | blue   |                   | 50   | 0388700000 |
|        | red    |                   | 50   | 0388800000 |

## Protective covers

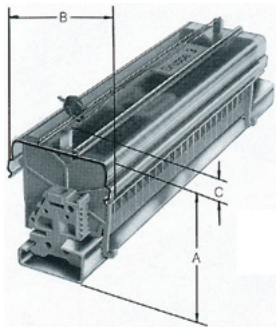
### Protective covers

Several safety regulations, e.g. the German accident prevention code covering electrical systems and equipment (VBG 4) or the standard VDE 0106 part 100 (March 1983), call for live parts of electrical systems to be protected against direct contact by any part of the body.

In the case of modular terminals this protection must always be provided in the form of additional covers when cross-connectors or test sockets are fitted. Therefore, Weidmüller can supply cover strips with associated retaining plates which can be used with the more common sizes of terminal. The retaining plates can be fitted at the ends or within the terminal strip, and can be fitted to TS 32, TS 35 or TS 15 terminal rails.

Spacing of retaining plates:

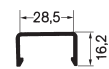
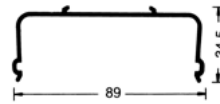
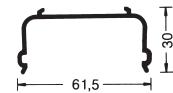
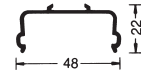
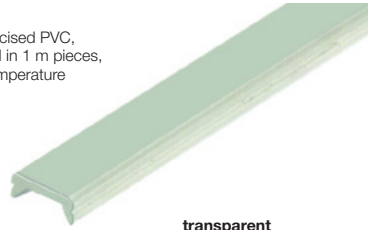
The length of the ADP 1, 2 and 3 between retaining plates should not exceed about 500 mm. The cover strip is clipped into tabs on the side. Additional security is provided by a spigot on the retaining plate, which can also be sealed with lead. On terminal type SAK 95 the ADP 3 cover strip can be clipped directly onto the terminal. Transparent cover strips enable the terminals with their accessories and labelling to remain visible at all times. Additional labelling, e.g. for groups, can be added.



### ADP

Cover strips

Unplasticised PVC, supplied in 1 m pieces, max. temperature 70°C



#### transparent

| Type  | Order No.  |
|-------|------------|
| ADP 1 | 0485200000 |

|       |            |
|-------|------------|
| ADP 2 | 0485300000 |
|-------|------------|

|       |            |
|-------|------------|
| ADP 3 | 0485400000 |
|-------|------------|

#### grey

| Type  | Order No.  |
|-------|------------|
| ADP 4 | 1430760000 |

|                 |            |
|-----------------|------------|
| ADP 4 (1000 mm) | 1378160000 |
| ADP 4 (300 mm)  |            |

|          |            |
|----------|------------|
| TSK 31.5 | 0347960000 |
|----------|------------|

### HP

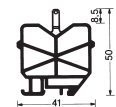
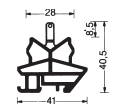
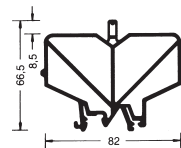
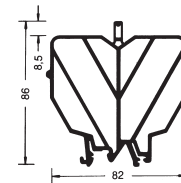
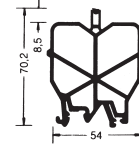
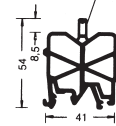
Retaining plates

PA 66, 2 mm thick



For fitting to TS 35 and TS 32, with spigot for lead seal

Spigot for lead seal



| Type | Order No.  |
|------|------------|
| HP 1 | 0485560000 |

|      |            |
|------|------------|
| HP 2 | 0485660000 |
|------|------------|

|      |            |
|------|------------|
| HP 3 | 0485760000 |
|------|------------|

|      |            |
|------|------------|
| HP 4 | 0485860000 |
|------|------------|

| Type | Order No.  |
|------|------------|
| HP 7 | 0258260000 |

|      |            |
|------|------------|
| HP 8 | 0258360000 |
|------|------------|

| Overall dimensions            | A     | A           | A          | A     | B    | C |
|-------------------------------|-------|-------------|------------|-------|------|---|
| for mounting on terminal rail | TS 32 | TS 35 x 7.5 | TS 35 x 15 | TS 15 |      |   |
| ADP 1, HP 1                   | 61    | 56          | 63         |       | 49   | 6 |
| ADP 2, HP 2                   | 77    | 72          | 79         |       | 62.5 | 6 |
| ADP 3, HP 3                   | 94    | 89          | 86         |       | 92   | 6 |
| ADP 3, HP 4                   | 73.5  | 68.5        | 75.5       |       | 92   | 6 |
| ADP 1, HP 8                   |       |             |            | 45    | 49   | 6 |
| TSK 31.5, HP 7                |       |             |            | 35    | 31   | 6 |

| Labelling material  | Qty. | Order No.  |
|---|------|------------|
| "Lightning flash" symbol, self-adhesive, 20 labels per card | 5    | 0566700000 |

\* only for PA 66 versions

| Allocation to some terminal types                             |
|---|
| SAKD 2.5 N, EK 2.5 N, SAK 2.5, SAK 2.5/35                     |
| SAK 4, EK 4, SAK 4/35, EK 2.5/35, EK 4/35                     |
| SAK 6 N, EK 10, SAK 10, EK 6/35, SAK 6/35, EK 10/35           |
| SAKR, SAKR-D, DK 4  |
| SAK 16, EK 16, EK 35, SAK 35, SAKC 4, SAK 16/35               |
| SAKC 10, SAK 70, SAKS 1, SAKS 2, SAK 35/35, SAK 70/35         |
| SAKS 3, SAKS 4, SAKS 5  |
| SAK 95  |
| ASK 1, SAKA 10, SAKT 1, SAKB 10, SAKT 2, AST*, SAK 2.5, SAK 4 |
| 1000 mm long  |
| 300 mm long   |

| ADP cover strips |      |            |
|------------------|------|------------|
| Type             | Qty. | Order No.  |
| ADP 1            | 36   | 0485200000 |
| ADP 2            | 36   | 0485300000 |
| ADP 3            | 20   | 0485400000 |
| ADP 3            | 1    | 0485400000 |
| ADP 3            | 1    | 0485400000 |
| ADP 4            | 1    | 1430760000 |
| ADP 1            | 1    | 0485200000 |
| ADP 1            | 1    | 1430760000 |
| ADP 4            | 10   | 1378160000 |
| TSK 31.5         | 1    | 0347960000 |

| HP retaining plates |                |            |
|---------------------|----------------|------------|
| Type                | Qty.           | Order No.  |
| HP 1                | 20             | 0485560000 |
| HP 2                | 20             | 0485660000 |
| HP 3                | 20             | 0485760000 |
| HP 3                | not applicable |            |
| HP 4                | 20             | 0485860000 |
| HP 4                | not applicable |            |
| HP 8                | 20             | 0258360000 |
| HP 8                | not applicable |            |
| HP 7                | 20             | 0258260000 |

Several German VDE standards, e.g. VDE 0106 part 100 (March 1983), specify that mains terminals must be covered. Weidmüller can supply a range of such covers printed with a warning "lightning flash" and the international warning symbol. The other side features a "lightning flash" symbol with the warning "Danger! Electricity". Plastic screws are used to fix the cover plates to the terminal strips. The cover plates are intended for 3- or 4-pole terminals. Type BSK plastic screws are used to fix the plates. BSK = PA 66

AD/WAD covers



AD 3 (3-pole)

| Terminal type       | Terminal width (mm) | Qty. | Order No.  | Screw      | Qty. | Order No.  |
|---------------------|---------------------|------|------------|------------|------|------------|
| SAK 2.5             | 6                   | 50   | 0297900000 | M 3 x 22   | 100  | 0128900000 |
| AKZ 4               | 6                   | 50   | 0297900000 | M 2.5 x 18 | 100  | 0303300000 |
| DK 4 Q              | 6                   | 50   | 0297900000 | M 2.5 x 18 | 100  | 0303300000 |
| SAK 4               | 6.5                 | 50   | 0297600000 | M 3 x 22   | 100  | 0128900000 |
| SAK 6 N             | 8                   | 50   | 0297700000 | M 3 x 22   | 100  | 0128900000 |
| SAK 10              | 10                  | 50   | 0178500000 | M 3 x 22   | 100  | 0128900000 |
| SAK 16              | 12                  | 50   | 0297800000 | M 3 x 22   | 100  | 0128900000 |
| SAK 35 N            | 18                  | 50   | 0273400000 | M 4 x 32   | 100  | 0129100000 |
| SAK 70              | 22                  | 10   | 0344300000 | M 5 x 45   | 50   | 0344400000 |
| Screw for lead seal |                     |      |            | M 3 x 20   | 100  | 0451300000 |

AD 3 (4-pole)

|                     |     |    |            |            |     |            |
|---------------------|-----|----|------------|------------|-----|------------|
| SAK 2.5             | 6   | 50 | 0303400000 | M 3 x 22   | 100 | 0128900000 |
| AKZ 4               | 6   | 50 | 0303400000 | M 2.5 x 18 | 100 | 0303300000 |
| DK 4 Q              | 6   | 50 | 0303400000 | M 2.5 x 18 | 100 | 0303300000 |
| SAK 4               | 6.5 | 50 | 0285300000 | M 3 x 22   | 100 | 0128900000 |
| SAK 6 N             | 8   | 50 | 0196600000 | M 3 x 22   | 100 | 0128900000 |
| SAK 10              | 10  | 50 | 0178600000 | M 3 x 22   | 100 | 0128900000 |
| SAK 16              | 12  | 50 | 0518200000 | M 3 x 22   | 100 | 0128900000 |
| SAK 35              | 18  | 50 | 0178700000 | M 4 x 32   | 100 | 0129100000 |
| SAK 35 N            | 16  | 50 | 0576700000 | M 4 x 32   | 100 | 0129100000 |
| Screw for lead seal |     |    |            | M 3 x 20   | 100 | 0451300000 |

TBS 2 / BST 2

for the SAK series

Protective covers

Details

- For covering uninsulated cross-connections on SAK 2.5...SAK 16 terminals.
- Identification of functional groups.
- Easily fitted by inserting the insulating plate into the existing insulating plate slot in the terminal.
- Labelling strips are clipped into the insulating plates.
- Labelling of stable labelling strip with felt-tip pen for permanent labelling or pencil for temporary labelling.



| Type                                | Order No.  |
|-------------------------------------|------------|
| Type                                |            |
| TBS 2, polyamide                    |            |
| BST 2, unplasticised PVC            |            |
| <b>Ordering data</b>                |            |
| Type                                |            |
| TBS insulating plate                | 1287860000 |
| BST 2 labelling strip (300 mm long) | 1287700000 |

AD

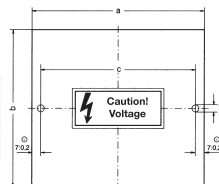
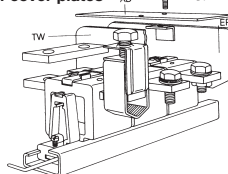
for SAKG

Cover plates

These can be assembled either with two end clamp plates or with one end clamp plate and one partition plate plus mounting bracket.

Cover plates with self-adhesive label

Dimensions of cover plates



2 mm thick

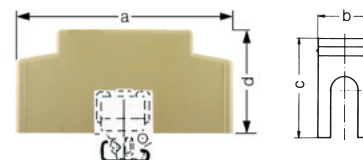
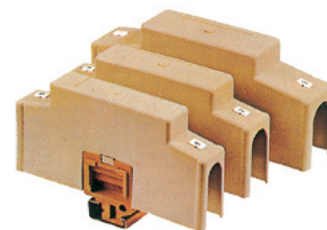
| Type               | Type | a   | b   | c   | Order No.  |
|--------------------|------|-----|-----|-----|------------|
| for SAKG 28        | AD 3 | 89  | 120 | 74  | –          |
| for SAKG 28        | AD 4 | 116 | 120 | 102 | 0263100000 |
| for SAKG 32 and 70 | AD 4 | 132 | 120 | 118 | 0283100000 |
| for SAKG 40        | AD 3 | 124 | 160 | 110 | –          |
| for SAKG 40        | AD 4 | 164 | 160 | 150 | 0263200000 |
| for SAKG 46        | AD 4 | 188 | 160 | 174 | 0263300000 |
| for SAKG 54        | AD 3 | 166 | 160 | 152 | 0264900000 |
| for SAKG 54        | AD 4 | 220 | 160 | 206 | 0261100000 |

AH

for SAKG

Shrouding covers

For open-type terminals like type SAKG. Shrouding covers are used – instead of other cover types – to provide the necessary protection against contact (required by German standard VBG 4). Shrouding covers are simply placed over the terminals.



| Type                    | a     | b   | c  | d  | Order No. |            |
|-------------------------|-------|-----|----|----|-----------|------------|
| <b>dimensions in mm</b> |       |     |    |    |           |            |
| for SAKG 28             | AH 28 | 156 | 26 | 74 | 94        | 0326660000 |
| for SAKG 32/70          | AH 32 | 156 | 30 | 74 | 94        | 0326760000 |
| for SAKG 40             | AH 40 | 186 | 38 | 78 | 94        | 0326860000 |
| for SAKG 46             | AH 46 | 196 | 46 | 78 | 94        | 0326960000 |

**Protective covers**

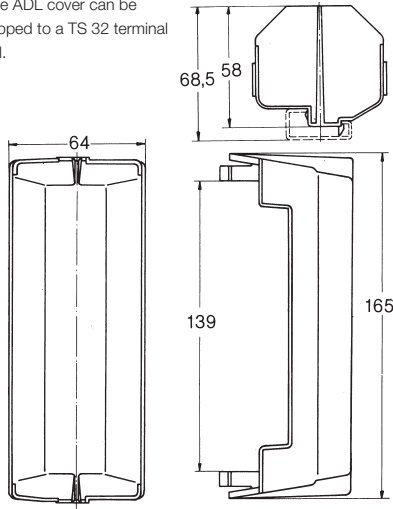
**Cover strips for terminal strips**

To protect against contact, dust and moisture, Weidmüller can supply cover strips which, for example, are useful in signal or lighting mast distribution boards.

Weidmüller can supply fully assembled and labelled terminal strips to meet your specification.

**ADL**

The ADL cover can be clipped to a TS 32 terminal rail.

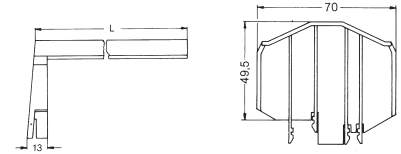


**A selection of terminal types that can be fitted below this cover strip:**

| TS 32                                |  |
|--------------------------------------|--|
| SAKD 2.5 N ... SAK 10                |  |
| EK 2.5 N ... EK 10                   |  |
| SAKR, ASK 1, SAKT 1, SAKT 4, SAKB 10 |  |
| SAKS 1, SAKS 3                       |  |

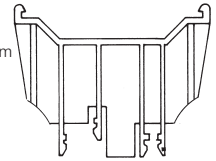
| Type | Qty. | Order No. |
|------|------|-----------|
| ADL  | 2    | 021080000 |

**AD 250**



**HP**

retaining plate suitable for TS 32 and TS 35 x 7.5  
height for TS 32: 64.5 mm  
height for TS 35 x 7.5: 63 mm



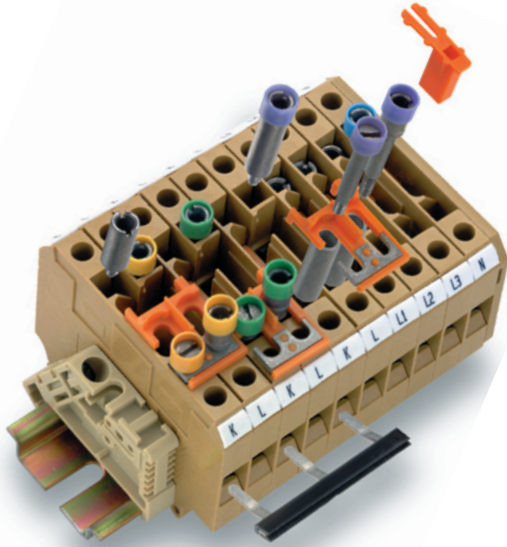
**A selection of terminal types that can be fitted below this cover strip:**

| TS 32                        |  | TS 35                |  |
|------------------------------|--|----------------------|--|
| SAKD 2.5 N ... SAK 10        |  | WDU 2.5 to WDU 10    |  |
| EK 2.5 ... EK 10             |  | WPE 2.5 to WPE 10    |  |
| SAKR, ASK 1, SAKT 1, SAKB 10 |  | WNT 2.5 to WNT 10    |  |
| SAKS 1, SAKS 3               |  | ASK 1,               |  |
|                              |  | SAKS 1/35, SAKS 3/35 |  |

| Type               | Qty. | Order No. |
|--------------------|------|-----------|
| AD 250 L = 250 mm  | 1    | 063410000 |
| HP EK1 32/2 AD 250 | 1    | 063430000 |



**Accessories for modular disconnect test terminals**



**QVS... cross-connection sliders**

VH 19 connecting sleeves and BS 25 fixing screws (or StB 35 sockets) are required for fixing the QVS cross-connections to the individual terminals.

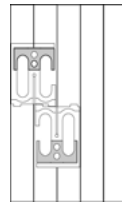
The fixing screws include an insulating sleeve for colour coding purposes and a guide for the screwdriver. The cross-connection sliders are designed so that the test plug sockets in the terminals remain accessible in every position.

The type QVS 2S 2-pole version is designed so that it can be slid even when a test plug has been inserted. If a test option is required when a QVS has been fitted, the fixing is best achieved with the StB 35 socket.

The clearance and creepage values required for the rated voltage of the terminal change when accessories are fitted.

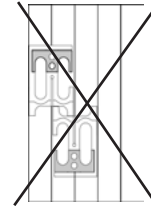
StB sockets are screwed into the busbar for the modular terminals. They are used to accommodate PS 4 test plugs or QS 2 plug-in cross-connectors.

**QVSK 2 (167036)**



SAKT 2, SAKT 1

**QVS 2 (030730)**



SAKT 1

Note:  
QVS 2 units cannot be switched when installed like this.

**Rated voltages**

| for adjacent | rated voltage |
|--------------|---------------|
| QVS          | 63 V          |
| QL           | 250 V         |

| for adjacent | rated voltage |
|--------------|---------------|
| StB 25       | 63 V          |
| StB 35       | 63 V          |

TW partition plates or TSch insulating plates must be used to maintain the rated voltage.

The **SSP 3** and **SSP 4** prevent the unintended making or breaking of circuits. They lock the disconnection slider in its respective position. The lockout device can be easily pressed from above into the terminal and is then only removable with a tool.

| Type  | Qty. | Order No.  |
|-------|------|------------|
| SSP 3 | 100  | 0531760000 |
| SSP 4 | 20   | 1319360000 |

**STB**

Cross-connection sliders



QVS QVS QVSK 2 QVS 2S

**STB**

Sockets



| Type   | No. of poles | Qty. | Order No.  |
|--------|--------------|------|------------|
| QVS 2  | 2 poles      | 20   | 0307300000 |
| QVSK 2 | 2 poles      | 20   | 1670360000 |
| QVS 3  | 3 poles      | 20   | 0329300000 |
| QVS 4  | 4 poles      | 20   | 0307400000 |
| QVS 2S | 2 poles      | 20   | 0358460000 |

| Type            | Colour | Qty. | Order No.  |
|-----------------|--------|------|------------|
| <b>STB 14</b>   |        |      |            |
| STB 14          |        | 50   | 0169900000 |
| <b>STB 25</b>   |        |      |            |
| STB 25          | yellow | 50   | 0267200000 |
| STB 25          | green  | 50   | 0271200000 |
| STB 25          | violet | 50   | 0271300000 |
| STB 25          | black  | 50   | 0271500000 |
| STB 25          | grey   | 50   | 0271400000 |
| STB 25          | blue   | 50   | 0343400000 |
| STB 25          | red    | 50   | 0343300000 |
| <b>STB 30,5</b> |        |      |            |
| STB 30,5        | yellow | 50   | 0341500000 |
| STB 30,5        | green  | 50   | 0341400000 |
| STB 30,5        | violet | 50   | 0341600000 |
| STB 30,5        | black  | 50   | 0341000000 |
| STB 30,5        | grey   | 50   | 0341100000 |
| STB 30,5        | blue   | 50   | 0341200000 |
| STB 30,5        | red    | 50   | 0341300000 |
| <b>STB 35</b>   |        |      |            |
| STB 35          | yellow | 50   | 0389000000 |
| STB 35          | green  | 50   | 0388900000 |
| STB 35          | violet | 50   | 0389100000 |
| STB 35          | black  | 50   | 0388500000 |
| STB 35          | grey   | 50   | 0388600000 |
| STB 35          | blue   | 50   | 0388700000 |
| STB 35          | red    | 50   | 0388800000 |

**BS fixing screws**

**VH connecting sleeves**

**QL cross-connections**

The QL cross-connections enable connections between adjacent modular terminals.

**QL cross-connection links**

QL cross-connection links are used as permanent, i.e. non-switchable, cross-connections on SAKT disconnect terminals. VH 12 connecting sleeves and BS M3 x 20 fixing screws (or StB 30.5 sockets) are required for fixing these in position. The clearance and creepage values required for the rated voltage of the terminal can change when accessories are fitted. This is especially true with cross-connections between neighbouring terminals with different potentials.

**QB cross-connection comb**

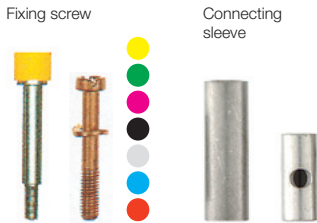
The QB can be inserted from above on the SAKT1/QT1 cross-connect/disconnect terminal.

The connection or disconnection is then achieved by means of the integral disconnection slider.

**QS 2 plug-in cross-connection**

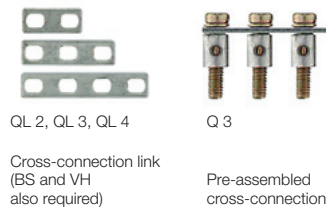
For 4 mm dia. sockets, for up to 44 A.

**BS / VH**



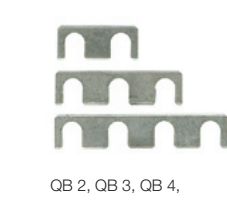
| Type                      | Colour      | Qty. | Order No.  |
|---------------------------|-------------|------|------------|
| <b>Fixing screws</b>      |             |      |            |
| BS 25                     | yellow      | 50   | 0335700000 |
| BS 25                     | green       | 50   | 0335600000 |
| BS 25                     | violet      | 50   | 0335800000 |
| BS 25                     | black       | 50   | 0335200000 |
| BS 25                     | grey        | 50   | 0335300000 |
| BS 25                     | blue        | 50   | 0335400000 |
| BS 25                     | red         | 50   | 0335500000 |
| BS 25                     | uninsulated | 50   | 0334700000 |
| BS M 3 x 20               |             | 100  | 0377100000 |
| CuNi 60<br>(copper alloy) |             |      |            |
| <b>Connecting sleeves</b> |             |      |            |
| VH 12                     |             | 100  | 0249000000 |
| E-Cu 57<br>(copper alloy) |             |      |            |
| VH 19                     |             | 50   | 0318000000 |
| CuZn 39<br>(brass alloy)  |             |      |            |

**QL / Q**



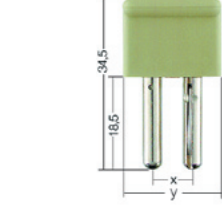
| Type   | No. of poles | Qty. | Order No.  |
|--|--------------|------|------------|
| <b>QL / Q</b>                                      |              |      |            |
| QL 2, QL 3, QL 4                                   |              |      |            |
| Q 3  |              |      |            |
| Cross-connection link<br>(BS and VH also required) |              |      |            |
| Pre-assembled cross-connection                     |              |      |            |
| Type   | No. of poles | Qty. | Order No.  |
| QL 2   | 2 poles      | 50   | 0194300000 |
| QL 3   | 3 poles      | 50   | 0194400000 |
| QL 4   | 4 poles      | 50   | 0194500000 |
| QL 5   | 5 poles      | 50   | 0220500000 |
| QL 6   | 6 poles      | 50   | 0220600000 |
| QL 10  | 10 poles     | 20   | 0338300000 |
| QL 15  | 15 poles     | 10   | 0221200000 |
| E-Cu 57<br>(copper alloy)                          |              |      |            |
| Q2   | 2 poles      | 50   | 0456700000 |
| Q3   | 3 poles      | 50   | 0456800000 |
| Q4   | 4 poles      | 50   | 0456900000 |
| Q10  | 10 poles     | 20   | 0457000000 |

**QB**



| Type             | No. of poles | Qty. | Order No.  |
|------------------|--------------|------|------------|
| QB 2, QB 3, QB 4 |              |      |            |
| Type             | No. of poles | Qty. | Order No.  |
| QB 2             | 2 poles      | 50   | 0205700000 |
| QB 3             | 3 poles      | 50   | 0205800000 |
| QB 4             | 4 poles      | 50   | 0205900000 |
| QB 10            | 10 poles     | 20   | 0343800000 |

**QS 2**



| Type                 | No. of poles | Qty. | Order No.  |
|----------------------|--------------|------|------------|
| QS 2                 | 2 poles      | 20   | 0270960000 |
| x = 8 mm, y = 16 mm  |              |      |            |
| QS 2                 | 2 poles      | 20   | 0270860000 |
| x = 10 mm, y = 20 mm |              |      |            |
| QS 2                 | 2 poles      | 20   | 0270760000 |
| x = 12 mm, y = 20 mm |              |      |            |



# Tools and ferrules

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## Tools and ferrules

### Tools and ferrules

|  |      |
|--|------|
| Cutting, stripping and crimping tools                            | J.2  |
| Rechargeable and electric torque screwdriver                     | J.10 |
| Screwdrivers   | J.12 |
| Wire end ferrules / Insulated cable lugs                         | J.21 |
| Wire end ferrules with plastic collar                            | J.22 |
| Twin-wire end ferrules with plastic collar                       | J.28 |
| Wire end ferrules for short-circuit and earth-fault-proof cables | J.31 |
| Wire end ferrules with plastic collar, special sizes             | J.32 |
| Wire end ferrules without plastic collar                         | J.33 |
| Tools for insulated cable lugs and ferrules                      | J.35 |

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Tools

Cutter

- Cutting formation for different cable sizes increases the quality of the cuts for smaller cross-sections.

KT 8

Notching tool



KT 12

Notching tool



Cutting tool that does not damage the conductor; for cutting copper and aluminium cables with a diameter of up to 8 mm.

- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!

Cutting tool that does not damage the conductor; for cutting copper and aluminium cables with a diameter of up to 12 mm.

- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!

J

Technical data

| Max. cutting performance copper cable    |                       |
|--|-----------------------|
| Solid (max. conductor cross-section)     | mm <sup>2</sup> / AWG |
| Stranded (max. conductor cross-section)  | mm <sup>2</sup> / AWG |
| Flexible (max. conductor cross-section)  | mm <sup>2</sup> / AWG |
| Flexible, Stranded (max. diameter)       | mm                    |
| Sector line                              |                       |
| Max. cutting performance aluminium cable |                       |
| Stranded (max. conductor cross-section)  | mm <sup>2</sup> / AWG |
| Stranded (max. diameter)                 | mm                    |
| Solid                                    | mm <sup>2</sup>       |
| Data-/ telephone-/ control cable         |                       |
| O.D. max.                                | mm                    |
| Tool data                                |                       |
| Length / width / height                  | mm                    |
| Weight                                   | g                     |
| Information                              |                       |

| KT8           |
|---------------|
| 16 / 6        |
| 16 / 6        |
| 16 / 6        |
| 8             |
|               |
| 16 / 6        |
| 8             |
| 16            |
|               |
| 8             |
|               |
| 165 / 65 / 25 |
| 180           |
| Tool closed   |

| KT12          |
|---------------|
| 16 / 6        |
| 25 / 3        |
| 35 / 2        |
| 12            |
|               |
| 25 / 6        |
| 8             |
| 25            |
|               |
| 12            |
|               |
| 215 / 66 / 28 |
| 300           |
| Tool closed   |

Ordering data

| Version     |
|-------------|
|             |
| Information |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| KT 8        | 1    | 9002650000 |
| Information |      |            |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| KT 12       | 1    | 9002660000 |
| Information |      |            |

Accessories

| Type        | Qty. | Order No. |
|-------------|------|-----------|
|             |      |           |
| Information |      |           |

| Type        | Qty. | Order No. |
|-------------|------|-----------|
|             |      |           |
| Information |      |           |

| Type        | Qty. | Order No. |
|-------------|------|-----------|
|             |      |           |
| Information |      |           |

**WAW 1**

Notching tool



Tool for trimming poles from WQV 2.5 to WQV 35 cross connections used in Weidmüller W-Series terminals.

**Technical data**

|        |        |
|--------|--------|
| Length | 167 mm |
| Weight | 227 g  |

**Ordering data**

| Type  | Qty. | Order No.  |
|-------|------|------------|
| WAW 1 | 1    | 9004500000 |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |

**WAW 2**

Notching tool



Tool for punching out the cross-connection windows of the Weidmüller W-Series, Test-disconnect terminal WTR 2.5, Fuse terminal WSI 6.

**Technical data**

|        |        |
|--------|--------|
| Length | 205 mm |
| Weight | 338 g  |

**Ordering data**

| Type  | Qty. | Order No.  |
|-------|------|------------|
| WAW 2 | 1    | 9004510000 |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |
|       |      |            |

**KT ZQV**

Cutter



Cutter for non-pinch cutting of Weidmüller Z-series cross-connections.

**Technical data**

|        |        |
|--------|--------|
| Length | 215 mm |
| Weight | 300 g  |

**Ordering data**

| Type   | Qty. | Order No.  |
|--------|------|------------|
| KT ZQV | 1    | 9002170000 |
|        |      |            |
|        |      |            |
|        |      |            |
|        |      |            |
|        |      |            |
|        |      |            |
|        |      |            |
|        |      |            |
|        |      |            |

## Tools

## Stripping and cutting tools

- For flexible and massive conductors with PVC-insulation
- Stripping length adjustable with shoulder
- automatic opening of the clamping jaws after stripping
- no splicing of the single conductor
- adjustable to different insulation thicknesses
- cable with double insulation in two processing steps without special adjustment
- Blade-device free from float and self-adjustable
- long durability
- optimised ergonomically design

## stripax®



Stripping and cutting tool for flexible conductors with PVC-insulation of 0.08...6 mm<sup>2</sup> (~AWG 28...10)

- No damaging of the conductor due to special, self-adjustable stripping blades
- Processing of multi-conductors, with thin flat ribbon cables even multiple conductors in one operation

## stripax® 16



Stripping and cutting tool for flexible and massive conductors with PVC-insulation of 6...16 mm<sup>2</sup> (~AWG 10... 6)

- Cutting of flexible and massive conductors up to 6 mm<sup>2</sup> (AWG 10)
- No damaging of the conductor due to special blade forms

## J

## Technical data

| Max. stripping performance |                 |
|----------------------------|-----------------|
| Cable model                |                 |
| Conductor cross-section    | mm <sup>2</sup> |
| Conductor diameter         | mm              |
| Max. stripping length      | mm              |
| Adjustable depth of cut    | mm              |
| Cutting performance        |                 |
| Max. cutting performance   | mm <sup>2</sup> |
| Tool data                  |                 |
| Length                     | mm              |
| Weight                     | g               |
| Information                |                 |

## Ordering data

| Version     |
|-------------|
|             |
| Information |

## Accessories

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| Cleaning brush         | 5    | 9005450000 |
| Spare stripping blades | 1    | 9054030000 |
| Information            |      |            |

| stripax®  |  |  |
|---|--|--|
| flexible & solid conductors with PVC insulation |  |  |
| 0.08 ... 6                                      |  |  |
| 20  |  |  |
|   |  |  |
| 6   |  |  |
|   |  |  |
| 190   |  |  |
| 155   |  |  |
| Information                                     |  |  |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| STRIPAX     | 1    | 9005000000 |
| Information |      |            |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| Cleaning brush         | 5    | 9005450000 |
| Spare stripping blades | 1    | 9054030000 |
| Information            |      |            |

| stripax® 16                                     |  |  |
|---|--|--|
| flexible & solid conductors with PVC insulation |  |  |
| 6 ... 16  |  |  |
| 20  |  |  |
|   |  |  |
| 6   |  |  |
|   |  |  |
| 190   |  |  |
| 155   |  |  |
| Information                                     |  |  |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| STRIPAX 16  | 1    | 9005610000 |
| Information |      |            |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| Cleaning brush         | 5    | 9005450000 |
| Spare stripping blades | 1    | 9054080000 |
| Information            |      |            |

## Crimping and cutting tool for wire end ferrules

- Cutting
- Stripping
- Crimping
- Conductor entry sideways
- Wire end ferrules according to DIN 46228-4
- Ratchet for precise crimping
- Efficient operation:  
Change of tools not necessary, therefore significant saving of time
- automatic transport of wire end ferrules
- Only wire end ferrules in strips of 50 pieces may be used with this tool. The use of wire end ferrules on reels can lead to damage.

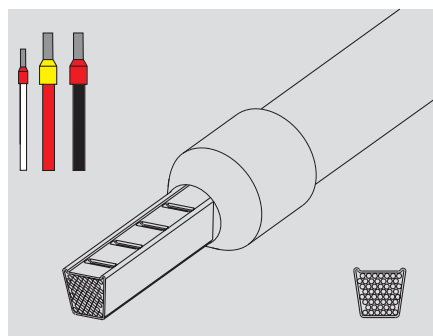
## stripax® plus 2.5

### Cutting, stripping and crimping tool for wire end ferrules



Cutting, stripping and crimping tool for linked wire end ferrules on strip with 0.5...2.5 mm<sup>2</sup> (~AWG 20...14) from Weidmüller

- Easy handling of wire end ferrules
- Automatic feeding of wire end ferrules



## Technical data

| Description of contact                              |                 |
|---|-----------------|
| Type of contact                                     |                 |
| Crimping range                                      | mm <sup>2</sup> |
| Crimping range 1 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 2 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 3 (with multiple crimping positions) | mm <sup>2</sup> |
| Plug width  | mm              |

| stripax® plus 2.5          |              |
|----------------------------|--------------|
| Strip of wire end ferrules |              |
|                            | 0.5 ... 2.5  |
|                            | 0.5 ... 0.75 |
|                            | 1 ... 1.5    |
|                            | 2.5          |

| Tool data   |    |
|-------------|----|
| Length      | mm |
| Weight      | g  |
| Information |    |

|  |
|--|
| 210  |
| 260  |
| Only Weidmüller wire end ferrules on strips à 50 pieces may be used. |

## Ordering data

| Version |
|---------|
|---------|

| Type             | Qty. | Order No. |
|------------------|------|-----------|
| stripax plus 2,5 | 1    | 902000000 |

| Information |
|-------------|
|-------------|

|                                      |
|--------------------------------------|
| Spare cutter (order no.: 9050340000) |
|--------------------------------------|

## Accessories

| Information |
|-------------|
|-------------|

|  |
|--|
|  |
|--|

## Tools

## Crimping tools for wire end ferrules

- Ratchet for precise crimping
- Release mechanism in case of incorrect operation
- Entry for wire end ferrule on the side

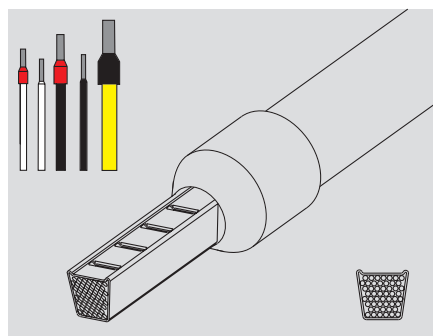
## PZ 4

Crimping tool for wire end ferrules from 0.5...4 mm<sup>2</sup>



Crimping tool for wire end ferrules (to DIN 46228 part 1 and 4) with and without plastic collar and twin wire end ferrules of 0.5...2.5 mm<sup>2</sup>

- Only one crimping station for the whole cross-section



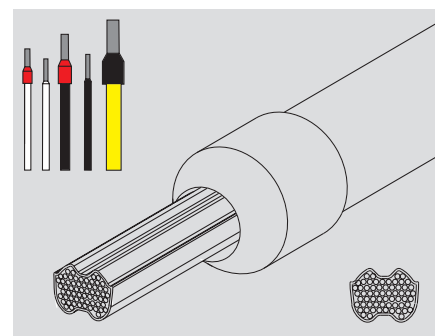
## PZ 6/5

Crimping tool for wire end ferrules from 0.25...6 mm<sup>2</sup>



Crimping tool for wire end ferrules (to DIN 46228 pt. 1 and 4) with and without plastic collar of 0.25...6 mm<sup>2</sup> (~ AWG 24...10) and twin wire end ferrules of 0.5...4.0 mm<sup>2</sup>

- Crimp according to Euro-Norm EN 60947-1
- Five crimping stations corresponding to the conductor cross-section
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)



## Technical data

| Description of contact                              |                 |
|---|-----------------|
| Type of contact                                     |                 |
| Crimping range                                      | mm <sup>2</sup> |
| Crimping range 1 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 2 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 3 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 4 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 5 (with multiple crimping positions) | mm <sup>2</sup> |

| Tool data |    |
|-----------|----|
| Length    | mm |
| Weight    | g  |

| Information |  |
|-------------|--|
|             |  |

## Ordering data

| Version |
|---------|
|         |

| Information |
|-------------|
|             |

## Accessories

| Information |
|-------------|
|             |

| PZ 4  |                 |           |
|---|-----------------|-----------|
| Wire end ferrules with/without plastic collar |                 |           |
| Crimping range                                | mm <sup>2</sup> | 0.5 ... 4 |
|   |                 |           |
|   |                 |           |
|   |                 |           |
|   |                 |           |
|   |                 |           |
|   |                 |           |

|        |    |     |
|--------|----|-----|
| Length | mm | 200 |
| Weight | g  | 448 |

| Information |  |  |
|-------------|--|--|
|             |  |  |

| Type | Qty. | Order No.  |
|------|------|------------|
| PZ 4 | 1    | 9012500000 |
|      |      |            |
|      |      |            |

| Information |
|-------------|
|             |

## Accessories

| Information |
|-------------|
|             |

| PZ 6/5  |                 |              |
|---|-----------------|--------------|
| Wire end ferrules with/without plastic collar |                 |              |
| Crimping range                                | mm <sup>2</sup> | 0.25 ... 6   |
|   |                 | 0.25 ... 0.5 |
|   |                 | 0.75 ... 1.5 |
|   |                 | 2.5          |
|   |                 | 4            |
|   |                 | 6            |
|   |                 |              |
|   |                 |              |

|        |    |     |
|--------|----|-----|
| Length | mm | 200 |
| Weight | g  | 423 |

| Information |  |  |
|-------------|--|--|
|             |  |  |

| Type   | Qty. | Order No.  |
|--------|------|------------|
| PZ 6/5 | 1    | 9011460000 |
|        |      |            |
|        |      |            |

| Information |
|-------------|
|             |

## Accessories

| Information |
|-------------|
|             |

**Crimping tools for wire end ferrules**

- Ratchet for precise crimping
- Release mechanism in case of incorrect operation

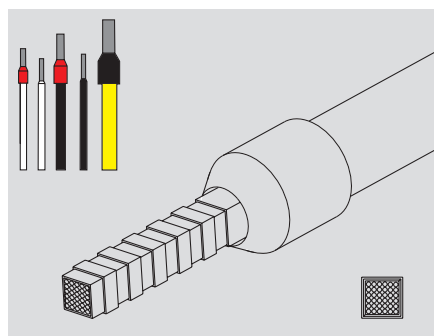
**PZ 3**

**Crimping tool for wire end ferrules from 0.5...6 mm<sup>2</sup>**



Crimping tool for wire end ferrules of 0.5...6 mm<sup>2</sup> with and without plastic collar according to DIN 46228 part 1 and 4 (~ AWG 20...10) and twin-wire end ferrules of 0.5...4 mm<sup>2</sup>

- Only one die for the whole cross-section
- Wire end ferrule insertion from the front



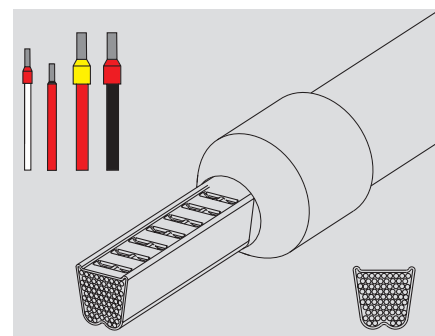
**PZ 6 roto**

**Crimping tool for wire end ferrules from 0.14...6 mm<sup>2</sup>**



Crimping tool for wire end ferrules of 0.14...6 mm<sup>2</sup> with and without plastic collar to DIN 46228 part 1 and 4 (~ AWG 26...10) and twin-wire end ferrules of 0.5...4 mm<sup>2</sup>

- Only one die for the whole cross-section
- Pivoted die for wire end ferrule-insertion
- Wire end ferrule insertion from the front or from the side



**Technical data**

| Description of contact                              |                 |
|---|-----------------|
| Type of contact                                     |                 |
| Crimping range                                      | mm <sup>2</sup> |
| Crimping range 1 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 2 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 3 (with multiple crimping positions) | mm <sup>2</sup> |
| Plug width  | mm              |

| Tool data   |    |
|-------------|----|
| Length      | mm |
| Weight      | g  |
| Information |    |

**Ordering data**

| Version |
|---------|
|         |

| Information |
|-------------|
|             |

**Accessories**

| Information |
|-------------|
|             |

| PZ 3  |  |           |
|---|--|-----------|
| Wire end ferrules with/without plastic collar       |  |           |
| Crimping range                                      |  | 0.5 ... 6 |
| Crimping range 1 (with multiple crimping positions) |  |           |
| Crimping range 2 (with multiple crimping positions) |  |           |
| Crimping range 3 (with multiple crimping positions) |  |           |
| Plug width  |  |           |

| Tool data   |    |     |
|-------------|----|-----|
| Length      | mm | 200 |
| Weight      | g  | 426 |
| Information |    |     |

| Type | Qty. | Order No.  |
|------|------|------------|
| PZ 3 | 1    | 0567300000 |

| Information |
|-------------|
|             |

| Information |
|-------------|
|             |

| PZ 6 roto   |  |            |
|---|--|------------|
| Wire end ferrules with/without plastic collar       |  |            |
| Crimping range                                      |  | 0.14 ... 6 |
| Crimping range 1 (with multiple crimping positions) |  |            |
| Crimping range 2 (with multiple crimping positions) |  |            |
| Crimping range 3 (with multiple crimping positions) |  |            |
| Plug width  |  |            |

| Tool data   |    |     |
|-------------|----|-----|
| Length      | mm | 200 |
| Weight      | g  | 428 |
| Information |    |     |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| PZ 6 roto | 1    | 9014350000 |

| Information |
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| Information |
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## Tools

## Crimping tools for wire end ferrules

- Ratchet for precise crimping
- Release mechanism in case of incorrect operation
- Entry for wire end ferrule on the side

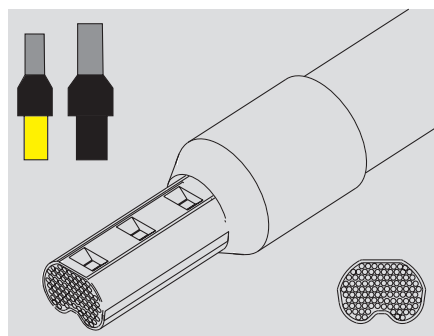
## PZ 16

Crimping tool for wire end ferrules from 6...16 mm<sup>2</sup>



Crimping tool for wire end ferrules (to DIN 46228 part 1 and 4) with and without plastic collar from 6...16 mm<sup>2</sup> (~ AWG 10...6)

- Three crimping stations corresponding to the conductor cross-sections
- Crimp according to Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)



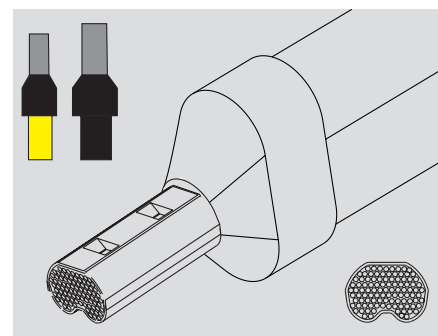
## PZ ZH 16

Crimping tool for twin wire end ferrules, 6...16 mm<sup>2</sup>



Crimping tool for twin wire end ferrules (to DIN 46228 pt.4) with plastic collar from 6...16 mm<sup>2</sup> (~AWG 10...6)

- Three crimping stations corresponding to the conductor cross-sections



## Technical data

| Description of contact                              |                 |
|---|-----------------|
| Type of contact                                     |                 |
| Crimping range                                      | mm <sup>2</sup> |
| Crimping range 1 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 2 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 3 (with multiple crimping positions) | mm <sup>2</sup> |
| Plug width  | mm              |

| Tool data   |    |
|-------------|----|
| Length      | mm |
| Weight      | g  |
| Information |    |

## Ordering data

| Version |
|---------|
|         |

| Information |
|-------------|
|             |

## Accessories

| Information |
|-------------|
|             |

| PZ 16   |  |
|---|--|
| Wire end ferrules with/without plastic collar |  |
| 6 ... 16                                      |  |
| 6   |  |
| 10  |  |
| 16  |  |

| Tool data   |    |
|-------------|----|
| Length      | mm |
| Weight      | g  |
| Information |    |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| PZ 16 | 1    | 9012600000 |

| Information |
|-------------|
|             |

| PZ ZH 16               |  |
|------------------------|--|
| Twin wire end ferrules |  |
| 6 ... 16               |  |
| 6                      |  |
| 10                     |  |
| 16                     |  |

| Tool data   |    |
|-------------|----|
| Length      | mm |
| Weight      | g  |
| Information |    |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| PZ ZH 16 | 1    | 9013600000 |

| Information |
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| Information |
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|             |

**Crimping tools for wire end ferrules**

- Ratchet for precise crimping
- Release mechanism in case of incorrect operation

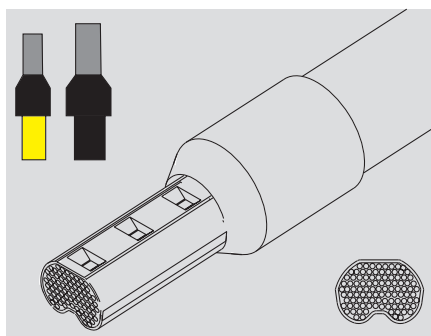
**PZ 50**

**Crimping tool for wire end ferrules with 25, 35 and 50 mm<sup>2</sup>**



Crimping tool for wire end ferrules of 25, 35 and 50 mm<sup>2</sup> with and without plastic collar to DIN 46228 part 1 and 4(- AWG 3...1)

- Three crimping stations corresponding to the conductor cross-sections
- Crimp according to Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)



**Technical data**

| Description of contact                              |                 |
|---|-----------------|
| Type of contact                                     |                 |
| Crimping range                                      | mm <sup>2</sup> |
| Crimping range 1 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 2 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 3 (with multiple crimping positions) | mm <sup>2</sup> |
| Plug width  | mm              |

| PZ 50   |  |
|---|--|
| Wire end ferrules with/without plastic collar |  |
| 25 ... 50                                     |  |
| 25  |  |
| 35  |  |
| 50  |  |

| Tool data |    |
|-----------|----|
| Length    | mm |
| Weight    | g  |

|     |
|-----|
| 260 |
| 700 |

| Information |
|-------------|
|-------------|

**Ordering data**

| Version |
|---------|
|---------|

| Type  | Qty. | Order No.  |
|-------|------|------------|
| PZ 50 | 1    | 9006450000 |

| Information |
|-------------|
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**Accessories**

| Information |
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| Information |
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| Information |
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| Information |
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## Tools

## Rechargeable torque screwdriver

## DMS 3



## DMS 3 Set



## DMS 3 rechargeable torque screwdriver

- One-hand operation under all working conditions
- Switchable forward and reverse
- Two speeds: 200 and 400 rpm
- Precise torque settings from approx. 0.2 ... 3 Nm in 6 steps
- Consistent performance during battery discharge
- Grip swings easily from rod to pistol form
- Takes 1/4" bits held ball-bearing clamping mechanism (form E6.3)
- Safety lock prevents inadvertent operation
- Easy changeover from battery drive to manual operation up to 15 Nm

## Technical data

| Screwdriver   |                              |
|---------------|------------------------------|
| Motor         | 2.4 V DC                     |
| Idling speed  | 200/400 min <sup>-1</sup>    |
| Max. torque   | 3.0 Nm                       |
| Chuck         | 1/4" E 6.3 DIN 3126          |
| Length        | 239 mm                       |
| Weight        | 400 g                        |
| Battery       |                              |
| Type          | 2 Ni-Cd batteries each 1.2 V |
| Weight        | 122 g                        |
| Charger       |                              |
| Input         | 230 V AC, 50 Hz, 50 mA       |
| Output        | 2.9 V AC, 1.4 A, 4.1 VA      |
| Charging time | 1 hour                       |
| Weight        | 700 g                        |

## Ordering data

| Type                      | Qty. | Order No.  |
|---------------------------|------|------------|
| DMS 3                     | 1    | 9007440000 |
| Screwdriver incl. battery |      |            |

## Accessories

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| Spare battery | 1    | 9007450000 |
| Charger       | 1    | 9007460000 |

| Type   | Qty. | Order No.  |
|--|------|------------|
| DMS 3 set 1 (screwdriver incl. battery, charger, bits, plastic carrying case)* | 1    | 9007470000 |
| DMS 3 set 2 (as set1 with 1 additional battery)                                | 1    | 9007480000 |

\*) refer to figure

## Electric torque screwdriver

## DMS 2 Set



- Torque adjustable in four steps for standard screws M2.5 to M4
- Selectable electric power cut-off upon reaching a preselected torque
- High repetition accuracy
- Start-up in low gear and switchover to operating rpm is controlled via the pressure on the screw head
- Switchable forward and reverse
- Fatigue-free working due to ergonomic design and low weight
- Ideal design for one-hand operation under all working conditions and at different working locations
- Low noise
- Low energy consumption

## Technical data

|                                   |                       |
|-----------------------------------|-----------------------|
| Rated voltage                     | 230 V                 |
| Frequency                         | 60 Hz                 |
| Rated power                       | 45 W                  |
| Current consumption               | 0.2 A                 |
| rpm of spindle in search gear     | 350 min <sup>-1</sup> |
| in working mode                   | 700 min <sup>-1</sup> |
| <b>Torques</b>                    |                       |
| Level 1 (M 2.5)                   | 0.5 ± 0.1 Nm          |
| Level 2 (M 3)                     | 0.7 ± 0.15 Nm         |
| Level 3 (M 3.5)                   | 1.2 ± 0.2 Nm          |
| Level 4 (M4)                      | 1.7 ± 0.25 Nm         |
| Weight incl. supply cable         | 0.990 kg              |
| Weight                            | 0.820 kg              |
| Noise level to DIN 45 634         | 58 db (A)             |
| Protection class II to DIN 57 740 |                       |
| DIN/VDE 0740 T.1 and T.2          |                       |
| EMC to EC directive 89/336/EWG    |                       |
| CE mark                           |                       |

## Ordering data

| Standard equipment | Type  | Qty. | Order No.  |
|--------------------|---|------|------------|
|                    | DMS 2 with 1/4" drive   | 1    | 0664600000 |
|                    | Form E 6.3 DIN 3126 with hang-up clip and 4 bits for slotted screws (Length: 50 mm) |      |            |
|                    | Blade dimensions 0.5 x 3 / 0.6 x 3.5 / 0.8 x 4 / 1.0 x 5.5                          |      |            |

## Accessories

|                                   | Type                                      | Qty. | Order No.  |
|-----------------------------------|---|------|------------|
| Balancer for hanging up the DMS 2 | BAL 2 (balancer for hanging up the DMS 2) | 1    | 0181800000 |

# Screwdrivers

## Screwdrivers

Weidmüller screwdrivers come in four different grip sizes, and are the result of a consistent grip concept which takes into account both the human hand and the different requirements when working

- Perfect handling with all grip sizes
- Maximum torques
- Optimum transmission of axial force
- Complete range including all commercial dimensions



### SoftFinish-grip

With the SoftFinish zone for use in dry conditions and for general applications, Weidmüller offers a complete range of screwdrivers that enables far higher torques and at the same time substantially more comfort due to the soft material of the grip.

#### Product benefits:

- Made of special soft material which is kind to the skin, the SoftFinish zone enables maximum torques
- Perfect ergonomic grip design for comfortable screw driving and optimum handling
- Version with solid steel tip can be used for chiselling
- You can choose from long-life extremely stressable blades in standard sizes
- ChromTop blade tip offers maximum corrosion protection and greatest possible dimensional accuracy of the blade geometry in the screw head over many years

### SoftFinish electric

**VDE-insulated screwdriver according to DIN EN 60900, IEC 900 for work on live equipment**

#### Product benefits:

- The protective insulation directly injected onto the screwdriver blade ensures electrical safety, even in critical applications
- Safe for working at up to 1500 volts DC and 1000 volts AC
- Each screwdriver is individually tested in a water bath at 10,000 volts according to DIN EN 60900
- Perfect ergonomic grip design for comfortable screw driving and optimum handling
- Made of special soft material which is kind to the skin, the SoftFinish zone prevents slipping in critical situations and at the same time enables maximum torques

### Combined cutting and screw driving tool

that does not damage the edge; for cutting of copper cables with a diameter of up to 1.5 mm<sup>2</sup> solid and 2.5 mm<sup>2</sup> flexible.

#### swifty®



#### swifty®

- Cable cutting tool to mount on non-insulated screw drivers with a blade diameter of 3.5 mm
- Minimum manual force required
- Automatic opening of the cutter
- Ergonomically designed grip

#### swifty®set

- Efficient operation:
- Only one tool for cable-processing in IDC-technology
- Suitable for screw and tension clamps
- Readily available pocket size
- For right-handed and left-handed use
- One-hand operation

#### swifty®set



### Technical data

| Maximum cutting capacity                 |                 |              |
|--|-----------------|--------------|
| <b>Copper cable:</b>                     |                 |              |
| Solid cable (conductor cross-section)    | mm <sup>2</sup> | 1.5          |
| Flexible cable (conductor cross-section) | mm <sup>2</sup> | 2.5          |
| <b>Tool data</b>                         |                 |              |
| Length x width x height                  | mm              | 35 / 18 / 40 |
| Weight                                   | g               | 20           |

### Ordering data

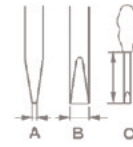
| Type                          | Qty. | Order No.  |
|-------------------------------|------|------------|
| swifty® (without screwdriver) | 1    | 9006020000 |

| Type                          | Qty. | Order No.  |
|-------------------------------|------|------------|
| swifty®set (with screwdriver) | 1    | 9006060000 |
| Screwdriver (SD 0.6 3.5x100)  | 1    | 9008330000 |

## Tools

## VDE insulated screwdriver

VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900, IEC 900. safety tested GS, every one tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gunmetal finish.



## SDI S

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, output to DIN 5264, ISO 2380/1, SoftFinish grip



| Type                | Size / SW | A   | B   | C   | Order No.  |
|---------------------|-----------|-----|-----|-----|------------|
| SDI 0.4 x 2.5 x 75  |           | 0.4 | 2.5 | 80  | 9008370000 |
| SDI 0.5 x 3.0 x 100 |           | 0.5 | 3.0 | 100 | 9008380000 |
| SDI 0.6 x 3.5 x 100 |           | 0.6 | 3.5 | 100 | 9008390000 |
| 0.8 x 4.0 x 100     |           | 0.8 | 4.0 | 100 | 9008400000 |
| SDI 1.0 x 4.5 x 125 |           | 1.0 | 4.5 | 125 | 9008910000 |
| SDI 1.0 x 5.5 x 125 |           | 1.0 | 5.5 | 125 | 9008410000 |
| SDI 1.2 x 6.5 x 150 |           | 1.2 | 6.5 | 125 | 9025870000 |
| SDI 1.6 x 8.0 x 175 |           | 1.6 | 8.0 | 175 | 9008430000 |
| SDI 0.4 x 2.0 x 60  |           | 0.4 | 2.0 | 60  | 9205690000 |
| SDI 1.0 x 4.5 x 175 |           | 1.0 | 4.5 | 175 | 9205700000 |
| SDI 1.0 x 5.5 x 175 |           | 1.0 | 5.5 | 175 | 9205710000 |

## SDIK PH

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip



|          |   |     |            |
|----------|---|-----|------------|
| SDIK PH0 | 0 | 60  | 9008560000 |
| SDIK PH1 | 1 | 80  | 9008570000 |
| SDIK PH2 | 2 | 100 | 9008580000 |
| SDIK PH3 | 3 | 150 | 9008590000 |

## SDIK PZ

VDE insulated crosshead screwdriver type Pozidriv SDIK PZ DIN 7438, ISO 8764/2-PZ, output to ISO 8764-PZ, SoftFinish grip



|          |   |     |            |
|----------|---|-----|------------|
| SDIK PZ1 | 1 | 80  | 9008900000 |
| SDIK PZ2 | 2 | 100 | 9008890000 |

## SDIT

VDE insulated Torx®-screwdriver, SDIT SoftFinish grip



|         |    |     |            |
|---------|----|-----|------------|
| SDI T8  | 8  | 60  | 9201940000 |
| SDI T10 | 10 | 80  | 9009640000 |
| SDI T15 | 15 | 80  | 9009650000 |
| SDI T20 | 20 | 80  | 9009660000 |
| SDI T25 | 25 | 80  | 9009670000 |
| SDI T30 | 30 | 100 | 9009680000 |
| SDI T35 | 40 | 150 | 9009690000 |

## SKI

VDE insulated hexagon socket wrench, SKI SoftFinish grip



|                |     |     |            |
|----------------|-----|-----|------------|
| SKI 5.0 x 125  | 5   | 125 | 9009000000 |
| SKI 5.5 x 125  | 5.5 | 125 | 9008990000 |
| SKI 6.0 x 125  | 6   | 125 | 9008980000 |
| SKI 7.0 x 125  | 7   | 125 | 9008970000 |
| SKI 8.0 x 125  | 8   | 125 | 9008960000 |
| SKI 9.0 x 125  | 9   | 125 | 9008950000 |
| SKI 10.0 x 125 | 10  | 125 | 9008940000 |
| SKI 11.0 x 125 | 11  | 125 | 9008930000 |
| SKI 13.0 x 125 | 13  | 125 | 9008920000 |

## Information

## Uninsulated screwdriver

Weidmüller SoftFinish screwdriver for general uses, blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, matt chrome finish.



### SDI S

Slotted screwdriver with round blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1, ChromTop tip, SoftFinish grip



| Type               | Size / SW | A   | B   | C   | Order No.  |
|--------------------|-----------|-----|-----|-----|------------|
| SD 0.4 x 2.0 x 60  |           | 0.4 | 2.0 | 60  | 9037160000 |
| SD 0.4 x 2.5 x 75  |           | 0.4 | 2.5 | 75  | 9009030000 |
| SD 0.5 x 3.0 x 80  |           | 0.5 | 3.0 | 80  | 9008320000 |
| SD 0.6 x 3.5 x 100 |           | 0.6 | 3.5 | 100 | 9008330000 |
| SD 0.6 x 3.5 x 200 |           | 0.6 | 3.5 | 200 | 9010110000 |
| SD 0.8 x 4.0 x 100 |           | 0.8 | 4.0 | 100 | 9008340000 |
| SD 1.2 x 6.5 x 150 |           | 1.2 | 6.5 | 150 | 9009010000 |
| SD 0.8 x 4.5 x 125 |           | 0.8 | 4.5 | 125 | 9009020000 |
| SD 1.0 x 5.5 x 150 |           | 1.0 | 5.5 | 150 | 9008350000 |

### SDK PH

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip



|         |   |     |            |
|---------|---|-----|------------|
| SDK PH0 | 0 | 60  | 9008470000 |
| SDK PH1 | 1 | 80  | 9008480000 |
| SDK PH2 | 2 | 100 | 9008490000 |
| SDK PH3 | 3 | 150 | 9008500000 |

### SDK PZ

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip



|         |   |     |            |
|---------|---|-----|------------|
| SDK PZ0 | 0 | 60  | 9008520000 |
| SDK PZ1 | 1 | 80  | 9008530000 |
| SDK PZ2 | 2 | 100 | 9008540000 |
| SDK PZ3 | 3 | 150 | 9008550000 |

### SD TH

Torx® TH screwdriver with hole in tip of blade (tamper-resistant), SD TH for screwing Torx® and Torx®-TH security screws (pin in centre of Torx recess), ChromTop tip, SoftFinish grip



|         |    |     |            |
|---------|----|-----|------------|
| SD TH8  | 8  | 60  | 9009190000 |
| SD TH10 | 10 | 80  | 9009180000 |
| SD TH15 | 15 | 80  | 9009170000 |
| SD TH20 | 20 | 100 | 9009160000 |
| SD TH25 | 25 | 100 | 9009150000 |
| SD TH30 | 30 | 115 | 9009140000 |

### SK

Hexagon socket wrench SK DIN 3125, output to DIN 3125, SoftFinish grip



|               |     |     |            |
|---------------|-----|-----|------------|
| SK 5.5 x 125  | 5,5 | 125 | 9009120000 |
| SK 6.0 x 125  | 6   | 125 | 9009110000 |
| SK 7.0 x 125  | 7   | 125 | 9009100000 |
| SK 8.0 x 125  | 8   | 125 | 9009090000 |
| SK 9.0 x 125  | 9   | 125 | 9009080000 |
| SK 10.0 x 125 | 10  | 125 | 9009070000 |
| SK 11.0 x 125 | 11  | 125 | 9009060000 |
| SK 12.0 x 125 | 12  | 125 | 9009050000 |
| SK 13.0 x 125 | 13  | 125 | 9009040000 |

Information

## Tools

## Wrench set Weidmüller

Allen key made from fully hardened, high-alloy chromium-vanadium-steel, to DIN ISO 2936 L (DIN 911), surface high-quality refined.



## SK WSD S

**9-piece offset screwdriver set in Prostar holder**, with **MagicRing**: holds standard screws (size 3 and larger) in any position thanks to spring steel ring, with **ball point**: for working at angles up to 25°.



| Type              | Size / SW | A | B | C | Order No.  |
|-------------------|-----------|---|---|---|------------|
|                   | 1.5       |   |   |   |            |
|                   | 2         |   |   |   |            |
|                   | 2.5       |   |   |   |            |
|                   | 3         |   |   |   |            |
|                   | 4         |   |   |   |            |
|                   | 5         |   |   |   |            |
|                   | 6         |   |   |   |            |
|                   | 8         |   |   |   |            |
|                   | 10        |   |   |   |            |
| SK WSD-S 1.5-10.0 |           |   |   |   | 9008850000 |

## SK S

**7-piece Allen key set**



|             |     |  |  |  |            |
|-------------|-----|--|--|--|------------|
|             | 2   |  |  |  |            |
|             | 2.5 |  |  |  |            |
|             | 3   |  |  |  |            |
|             | 4   |  |  |  |            |
|             | 5   |  |  |  |            |
|             | 8   |  |  |  |            |
|             | 6   |  |  |  |            |
| SKS 2.0-8.0 |     |  |  |  | 9008860000 |

## SK S

**7-piece Allen key set with MagicRing and ball point**: holds standard screws (size 3 and larger) in any position thanks to spring steel ring, with ball point: for working at angles up to 25°.



|                |     |  |  |  |            |
|----------------|-----|--|--|--|------------|
|                | 2   |  |  |  |            |
|                | 2.5 |  |  |  |            |
|                | 3   |  |  |  |            |
|                | 4   |  |  |  |            |
|                | 5   |  |  |  |            |
|                | 6   |  |  |  |            |
|                | 8   |  |  |  |            |
| SKS 2.0-8.0 MR |     |  |  |  | 9008870000 |

## TH S

**8-piece Torx®-TH screwdriver set** with hole in the blade point (tamper-proof), for screwing Torx® and Torx®-TH tamper-proof screws (centre pin in profile)



|           |    |  |  |  |            |
|-----------|----|--|--|--|------------|
|           | 9  |  |  |  |            |
|           | 10 |  |  |  |            |
|           | 15 |  |  |  |            |
|           | 20 |  |  |  |            |
|           | 25 |  |  |  |            |
|           | 27 |  |  |  |            |
|           | 30 |  |  |  |            |
|           | 40 |  |  |  |            |
| TH-S 9-40 |    |  |  |  | 9008880000 |

## Information

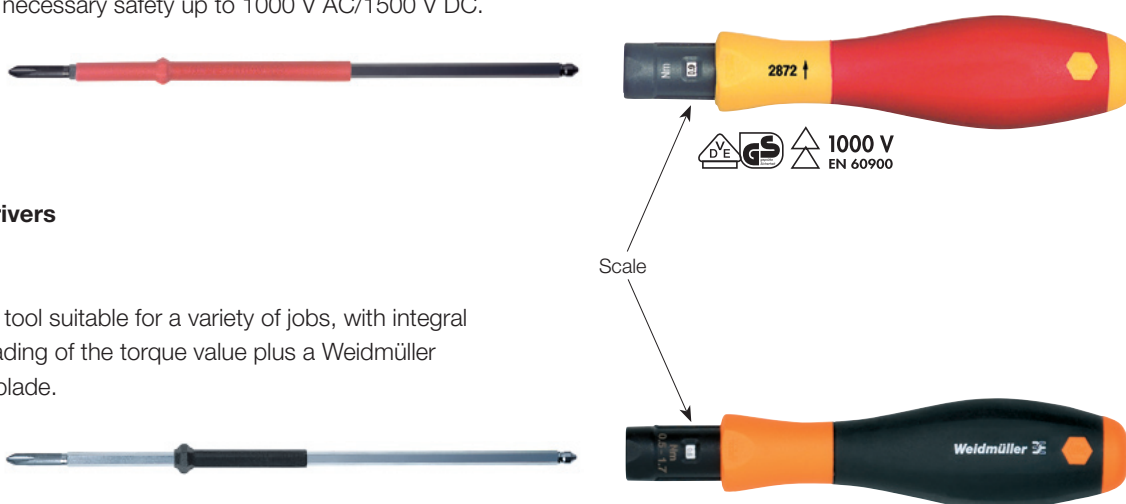
# DMS manual / DMSI manual

## Torque screwdrivers with insulation up to 1000 V (VDE)

### • DMSI manual

The “DMSI manual” with integral window torque scale combined with a Weidmüller 1000 V insulated (VDE) interchangeable blade ensures controlled tightening of screws plus reliability in electrical applications.

Every 1000 V insulated handle (VDE) and blade (VDE) is tested and provides the necessary safety up to 1000 V AC/1500 V DC.



## Torque screwdrivers

### • DMS manual

This is a versatile tool suitable for a variety of jobs, with integral scale for easy reading of the torque value plus a Weidmüller interchangeable blade.



## Each model is available with two torque ranges:

- 0.5 to 1.7 Nm
- 2.0 to 8.0 Nm
- setting tool included

## Advantages:

- Compact and especially lightweight design
- Torque set with special tool (included) to ensure the right setting
- Ergonomic handle size to match the torque range
- Every tool checked and given an ID No., 100% quality control with verification and product reference
- Audible, unmistakable click upon reaching the torque, no unnecessary effort
- Interchangeable blade made from high-quality wear-resistant tool steel
- All tools comply with the accuracy stipulations of: EN ISO 6798, BS EN 26789, ASME B107.14M
- Operating accuracy:  $\pm 6\%$  of set scale value



Tools

Uninsulated torque screwdriver



DMS manual

Torque-screwdriver  
EN ISO 6798, BS EN 26789, ASME B107.14M



| Type                | Size / SW    | A | B | C | Order No.  |
|---------------------|--------------|---|---|---|------------|
| DMS MANUELL 0.5-1.7 | 0.5 - 1.7 Nm |   |   |   | 9918370000 |
| DMS MANUELL 2.0-8.0 | 2.0 - 8.0 Nm |   |   |   | 9918380000 |
|                     |              |   |   |   |            |
|                     |              |   |   |   |            |
|                     |              |   |   |   |            |
|                     |              |   |   |   |            |
|                     |              |   |   |   |            |
|                     |              |   |   |   |            |
|                     |              |   |   |   |            |
|                     |              |   |   |   |            |

WK K S

Interchangeable blades for torque-screwdriver  
output according to DIN 5264, ISO 2380/1



|                |             |     |     |     |            |
|----------------|-------------|-----|-----|-----|------------|
| WK S 0.4 x 2.5 | max. 0.6 Nm | 0.4 | 2.5 | 175 | 9918520000 |
| WK S 0.5 x 3.0 | max. 0.6 Nm | 0.5 | 3.0 | 175 | 9918530000 |
| WK S 0.6 x 3.5 | max. 1.1 Nm | 0.6 | 3.5 | 175 | 9918540000 |
| WK S 0.8 x 4.0 | max. 2.5 Nm | 0.8 | 4.0 | 175 | 9918550000 |
| WK S 1.0 x 5.5 | max. 3.8 Nm | 1.0 | 5.5 | 175 | 9918560000 |
|                |             |     |     |     |            |
|                |             |     |     |     |            |
|                |             |     |     |     |            |
|                |             |     |     |     |            |
|                |             |     |     |     |            |

WK K PZ

Interchangeable blades for torque-screwdriver  
output according to DIN 5260-PZ, ISO 8764/1-PZ



|          |             |  |  |     |            |
|----------|-------------|--|--|-----|------------|
| WK K PZ0 | max. 0.9 Nm |  |  | 175 | 9918600000 |
| WK K PZ1 | max. 3.8 Nm |  |  | 175 | 9918610000 |
| WK K PZ2 | max. 5.5 Nm |  |  | 175 | 9918620000 |
|          |             |  |  |     |            |
|          |             |  |  |     |            |
|          |             |  |  |     |            |
|          |             |  |  |     |            |
|          |             |  |  |     |            |
|          |             |  |  |     |            |

WK K PH

Interchangeable blades for torque-screwdriver  
output according to DIN 5260-PH, ISO 8764/1-PH



|          |             |  |  |     |            |
|----------|-------------|--|--|-----|------------|
| WK K PH0 | max. 0.9 Nm |  |  | 175 | 9918570000 |
| WK K PH1 | max. 3.8 Nm |  |  | 175 | 9918580000 |
| WK K PH2 | max. 5.5 Nm |  |  | 175 | 9918590000 |
|          |             |  |  |     |            |
|          |             |  |  |     |            |
|          |             |  |  |     |            |
|          |             |  |  |     |            |
|          |             |  |  |     |            |
|          |             |  |  |     |            |

Information

### VDE insulated torque screwdriver

VDE insulated torque screwdriver Weidmüller SoftFinish electric for work on live parts up to 1000 Vac and 1500 Vdc, DIN EN 60900, IEC 900. GS symbol, every one tested.



### DMSI manual

VDE insulated torque-screwdriver  
EN ISO 6798, BS EN 26789, ASME B107.14M



| Type                 | Size / SW    | A | B | C | Order No.  |
|----------------------|--------------|---|---|---|------------|
| DMSI MANUELL 0.5-1.7 | 0.5 - 1.7 Nm |   |   |   | 9918390000 |
| DMSI MANUELL 2.0-8.0 | 2.0 - 8.0 Nm |   |   |   | 9918400000 |
|                      |              |   |   |   |            |
|                      |              |   |   |   |            |
|                      |              |   |   |   |            |
|                      |              |   |   |   |            |
|                      |              |   |   |   |            |
|                      |              |   |   |   |            |
|                      |              |   |   |   |            |
|                      |              |   |   |   |            |

### WK SI

VDE insulated interchangeable blades for VDE insulated torque-screwdriver  
output according to DIN 5264, ISO 2380/1



|                 |             |     |     |     |            |
|-----------------|-------------|-----|-----|-----|------------|
| WK SI 0.4 x 2.5 | max. 0.6 Nm | 0.4 | 2.5 | 175 | 9918410000 |
| WK SI 0.5 x 3.0 | max. 0.6 Nm | 0.5 | 3.0 | 175 | 9918420000 |
| WK SI 0.6 x 3.5 | max. 1.1 Nm | 0.6 | 3.5 | 175 | 9918430000 |
| WK SI 0.8 x 4.0 | max. 2.5 Nm | 0.8 | 4.0 | 175 | 9918440000 |
| WK SI 1.0 x 5.5 | max. 3.8 Nm | 1.0 | 5.5 | 175 | 9918450000 |
|                 |             |     |     |     |            |
|                 |             |     |     |     |            |
|                 |             |     |     |     |            |
|                 |             |     |     |     |            |
|                 |             |     |     |     |            |

### WK IK PH

VDE insulated interchangeable blades for VDE insulated torque-screwdriver  
output according to DIN 5260-PH, ISO 8764/1-PH



|           |             |  |  |     |            |
|-----------|-------------|--|--|-----|------------|
| WK IK PH0 | max. 0.9 Nm |  |  | 175 | 9918460000 |
| WK IK PH1 | max. 3.8 Nm |  |  | 175 | 9918470000 |
| WK IK PH2 | max. 5.5 Nm |  |  | 175 | 9918480000 |
|           |             |  |  |     |            |
|           |             |  |  |     |            |
|           |             |  |  |     |            |
|           |             |  |  |     |            |
|           |             |  |  |     |            |
|           |             |  |  |     |            |

### WK IK PZ

VDE insulated interchangeable blades for VDE insulated torque-screwdriver  
output according to DIN 5260-PZ, ISO 8764/1-PZ



|           |             |  |  |     |            |
|-----------|-------------|--|--|-----|------------|
| WK IK PZ0 | max. 0.9 Nm |  |  | 175 | 9918490000 |
| WK IK PZ1 | max. 3.8 Nm |  |  | 175 | 9918500000 |
| WK IK PZ2 | max. 5.5 Nm |  |  | 175 | 9918510000 |
|           |             |  |  |     |            |
|           |             |  |  |     |            |
|           |             |  |  |     |            |
|           |             |  |  |     |            |
|           |             |  |  |     |            |
|           |             |  |  |     |            |

Information



# Wire end ferrules / Insulated cable lugs

Weidmüller stocks a comprehensive range of wire end ferrules and insulated cable lugs for immediate supply.

## Wire end ferrules

Wire end ferrules ensure the long-term quality of electrical connections. Another advantage is their usefulness during installation. The wide range of products embraces wire end ferrules with or without plastic collars and twin wire end ferrules in all the colours normally required by users.

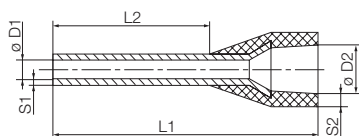


## Insulated cable lugs

Insulated cable lugs ensure the long-term quality of electrical connections. Most of the products in the range (apart from the butt connectors) have a conical inlet. This guarantees optimum entry of the conductor as the strands are automatically centred.



## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.14 to 150 mm<sup>2</sup> (AWG 26-300MCM)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

packed loose

## Ordering data

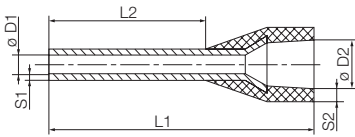
| Type      | ø mm <sup>2</sup> | AWG     | L1   | L2   | D1   | D2   | S1   | S2   | Stripping length | Colour        | Qty. | Order No.  |
|-----------|-------------------|---------|------|------|------|------|------|------|------------------|---------------|------|------------|
| H0.25/10  | 0.25              | 24      | 10.0 | 6.0  | 0.8  | 1.8  | 0.15 | 0.25 | 8.0              | ● light blue  | 500  | 9025740000 |
| H0.25/12  | 0.25              | 24      | 12.0 | 8.0  | 0.8  | 1.8  | 0.15 | 0.25 | 10.0             | ● light blue  | 500  | 9025760000 |
| H0.34/10  | 0.34              | 22      | 10.0 | 6.0  | 0.8  | 2.0  | 0.15 | 0.25 | 8.0              | ● turquoise   | 500  | 9025750000 |
| H0.34/12  | 0.34              | 22      | 12.0 | 8.0  | 0.8  | 2.0  | 0.15 | 0.25 | 10.0             | ● turquoise   | 500  | 9025770000 |
| H0.5/12   | 0.50              | 20      | 12.0 | 6.0  | 1.0  | 2.6  | 0.15 | 0.25 | 8.0              | ● orange      | 500  | 0409500000 |
| H0.5/14   | 0.50              | 20      | 14.0 | 8.0  | 1.0  | 2.6  | 0.15 | 0.25 | 10.0             | ● orange      | 500  | 0690700000 |
| H0.5/16   | 0.50              | 20      | 16.0 | 10.0 | 1.0  | 2.6  | 0.15 | 0.25 | 12.0             | ● orange      | 500  | 9025870000 |
| H0.75/12  | 0.75              | 18      | 12.0 | 6.0  | 1.2  | 2.8  | 0.15 | 0.25 | 8.0              | ○ white       | 500  | 0409600000 |
| H0.75/14  | 0.75              | 18      | 14.0 | 8.0  | 1.2  | 2.8  | 0.15 | 0.25 | 10.0             | ○ white       | 500  | 0462900000 |
| H0.75/16  | 0.75              | 18      | 16.0 | 10.0 | 1.2  | 2.8  | 0.15 | 0.25 | 12.0             | ○ white       | 500  | 9025860000 |
| H0.75/18  | 0.75              | 18      | 18.0 | 12.0 | 1.2  | 2.8  | 0.15 | 0.25 | 14.0             | ○ white       | 500  | 9025910000 |
| H1.0/12   | 1.00              | 17      | 12.0 | 6.0  | 1.4  | 3.0  | 0.15 | 0.25 | 8.0              | ● yellow      | 500  | 0409700000 |
| H1.0/14   | 1.00              | 17      | 14.0 | 8.0  | 1.4  | 3.0  | 0.15 | 0.25 | 10.0             | ● yellow      | 500  | 0463000000 |
| H1.0/16   | 1.00              | 17      | 16.0 | 10.0 | 1.4  | 3.0  | 0.15 | 0.25 | 12.0             | ● yellow      | 500  | 9025950000 |
| H1.0/18   | 1.00              | 17      | 18.0 | 12.0 | 1.4  | 3.0  | 0.15 | 0.25 | 15.0             | ● yellow      | 500  | 9025930000 |
| H1.5/14   | 1.50              | 16      | 14.0 | 8.0  | 1.7  | 3.5  | 0.15 | 0.25 | 10.0             | ● red         | 500  | 0463100000 |
| H1.5/16   | 1.50              | 16      | 16.0 | 10.0 | 1.7  | 3.5  | 0.15 | 0.25 | 12.0             | ● red         | 500  | 0635100000 |
| H1.5/24   | 1.50              | 16      | 24.0 | 18.0 | 1.7  | 3.5  | 0.15 | 0.25 | 20.0             | ● red         | 500  | 0565600000 |
| H2.5/14D  | 2.50              | 14      | 14.0 | 8.0  | 2.2  | 4.2  | 0.15 | 0.25 | 10.0             | ● blue        | 500  | 9019160000 |
| H2.5/18D  | 2.50              | 14      | 18.0 | 12.0 | 2.2  | 4.2  | 0.15 | 0.25 | 14.0             | ● blue        | 500  | 9019170000 |
| H2.5/24D  | 2.50              | 14      | 24.0 | 18.0 | 2.2  | 4.2  | 0.15 | 0.25 | 20.0             | ● blue        | 500  | 9019180000 |
| H4.0/17D  | 4.00              | 12      | 17.0 | 10.0 | 2.8  | 4.8  | 0.2  | 0.3  | 12.0             | ● grey        | 500  | 9019190000 |
| H4.0/20D  | 4.00              | 12      | 20.0 | 12.0 | 2.8  | 4.8  | 0.2  | 0.3  | 14.0             | ● grey        | 500  | 9019200000 |
| H4.0/26D  | 4.00              | 12      | 26.0 | 18.0 | 2.8  | 4.8  | 0.2  | 0.3  | 20.0             | ● grey        | 100  | 9019210000 |
| H6.0/20   | 6.00              | 10      | 20.0 | 12.0 | 3.5  | 6.3  | 0.2  | 0.3  | 14.0             | ● black       | 100  | 0533500000 |
| H6.0/26   | 6.00              | 10      | 26.0 | 18.0 | 3.5  | 6.3  | 0.2  | 0.3  | 20.0             | ● black       | 100  | 0565700000 |
| H10.0/22  | 10.00             | 7       | 22.0 | 12.0 | 4.5  | 7.6  | 0.2  | 0.4  | 15.0             | ● ivory       | 100  | 0534200000 |
| H10.0/28  | 10.00             | 7       | 28.0 | 18.0 | 4.5  | 7.6  | 0.2  | 0.4  | 21.0             | ● ivory       | 100  | 0565800000 |
| H16.0/24  | 16.00             | 6       | 24.0 | 12.0 | 5.8  | 8.8  | 0.2  | 0.4  | 15.0             | ● green       | 100  | 0565900000 |
| H16.0/28  | 16.00             | 6       | 28.0 | 18.0 | 5.8  | 8.8  | 0.2  | 0.4  | 21.0             | ● green       | 100  | 0566000000 |
| H25.0/30  | 25.00             | 3       | 30.0 | 16.0 | 7.3  | 11.2 | 0.2  | 0.4  | 18.0             | ● brown       | 50   | 0317000000 |
| H25.0/36  | 25.00             | 3       | 36.0 | 22.0 | 7.3  | 11.2 | 0.2  | 0.4  | 24.0             | ● brown       | 50   | 0317100000 |
| H35.0/30  | 35.00             | 2       | 30.0 | 16.0 | 8.3  | 12.7 | 0.2  | 0.4  | 19.0             | ● beige       | 50   | 0317200000 |
| H35.0/39  | 35.00             | 2       | 39.0 | 25.0 | 8.3  | 12.7 | 0.2  | 0.4  | 28.0             | ● beige       | 50   | 0317300000 |
| H50.0/36  | 50.00             | 1       | 36.0 | 20.0 | 10.3 | 15.0 | 0.3  | 0.5  | 26.0             | ● olive green | 50   | 0444200000 |
| H70.0/40  | 70.00             | 2/0     | 37.0 | 20.0 | 12.7 | 16.0 | 0.35 | 0.6  | 26.0             | ● yellow      | 25   | 9028200000 |
| H95.0/44  | 95.00             | 3/0     | 44.0 | 25.0 | 14.7 | 18.0 | 0.35 | 0.6  | 31.0             | ● red         | 25   | 9028210000 |
| H120.0/50 | 120.00            | 4/0     | 50.0 | 30.0 | 16.5 | 21.0 | 0.5  | 0.7  | 36.0             | ● blue        | 25   | 9028220000 |
| H150.0/54 | 150.00            | 300 MCM | 54.0 | 32.0 | 18.5 | 23.5 | 0.5  | 0.75 | 38.0             | ● yellow      | 25   | 9028230000 |

## Weidmüller colour code

in multipack bag

## Ordering data

| Type     | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|----------|-------------------|-----|------|------|-----|-----|------|------|------------------|--------------|------|------------|
| H0.14/10 | 0.14              | 26  | 10.0 | 6.0  | 0.6 | 1.5 | 0.15 | 0.25 | 8.0              | ● grey       | 500  | 9005180000 |
| H0.14/12 | 0.14              | 26  | 12.0 | 8.0  | 0.6 | 1.5 | 0.15 | 0.25 | 10.0             | ● grey       | 500  | 9028240000 |
| H0.25/10 | 0.25              | 24  | 10.0 | 6.0  | 0.8 | 1.8 | 0.15 | 0.25 | 8.0              | ● light blue | 500  | 9026050000 |
| H0.25/12 | 0.25              | 24  | 12.0 | 8.0  | 0.8 | 1.8 | 0.15 | 0.25 | 10.0             | ● light blue | 500  | 9025780000 |
| H0.34/10 | 0.34              | 22  | 10.0 | 6.0  | 0.8 | 2.0 | 0.15 | 0.25 | 8.0              | ● turquoise  | 500  | 9026030000 |
| H0.34/12 | 0.34              | 22  | 12.0 | 8.0  | 0.8 | 2.0 | 0.15 | 0.25 | 10.0             | ● turquoise  | 500  | 9025790000 |
| H0.5/10  | 0.50              | 20  | 10.0 | 6.0  | 1.0 | 2.6 | 0.15 | 0.25 | 8.0              | ● orange     | 500  | 9028260000 |
| H0.5/14  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ● orange     | 500  | 9026060000 |
| H0.5/16  | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.6 | 0.15 | 0.25 | 12.0             | ● orange     | 500  | 9028270000 |
| H0.75/12 | 0.75              | 18  | 12.0 | 6.0  | 1.2 | 2.8 | 0.15 | 0.25 | 8.0              | ○ white      | 500  | 9028280000 |
| H0.75/14 | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9026070000 |
| H0.75/16 | 0.75              | 18  | 16.0 | 10.0 | 1.2 | 2.8 | 0.15 | 0.25 | 12.0             | ○ white      | 500  | 9028290000 |
| H0.75/18 | 0.75              | 18  | 18.0 | 12.0 | 1.2 | 2.8 | 0.15 | 0.25 | 14.0             | ○ white      | 500  | 9028300000 |
| H1.0/12  | 1.00              | 17  | 12.0 | 6.0  | 1.4 | 3.0 | 0.15 | 0.25 | 8.0              | ● yellow     | 500  | 9028310000 |
| H1.0/14  | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● yellow     | 500  | 9026080000 |
| H1.0/16  | 1.00              | 17  | 16.0 | 10.0 | 1.4 | 3.0 | 0.15 | 0.25 | 12.0             | ● yellow     | 500  | 9028320000 |
| H1.0/18  | 1.00              | 17  | 18.0 | 12.0 | 1.4 | 3.0 | 0.15 | 0.25 | 15.0             | ● yellow     | 500  | 9028340000 |
| H1.5/14  | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.5 | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9026090000 |
| H1.5/16  | 1.50              | 16  | 16.0 | 10.0 | 1.7 | 3.5 | 0.15 | 0.25 | 12.0             | ● red        | 500  | 9028350000 |
| H2.5/14  | 2.50              | 14  | 14.0 | 8.0  | 2.2 | 4.2 | 0.15 | 0.25 | 10.0             | ● blue       | 500  | 9026100000 |
| H4.0/17  | 4.00              | 12  | 17.0 | 10.0 | 2.8 | 4.8 | 0.2  | 0.3  | 12.0             | ● grey       | 250  | 9026010000 |



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 22-14)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

### Weidmüller colour code

#### Strip of wire end ferrules

### Ordering data

| Type     | ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour   | Qty. | Order No.  |
|----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|----------|------|------------|
| H0.5/14  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ● orange | 500  | 9004270000 |
| H0.75/14 | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ○ white  | 500  | 9004290000 |
| H1.0/14  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● yellow | 500  | 9004320000 |
| H1.5/14  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● red    | 500  | 9004340000 |
| H2.5/14D | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● blue   | 500  | 9004360000 |

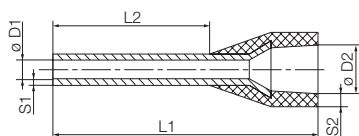
### Weidmüller colour code

#### Reel of wire end ferrules

### Ordering data

| Type     | ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour      | Qty. | Order No.  |
|----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|-------------|------|------------|
| H0.34/12 | 0.34              | 22  | 12.0 | 8.0 | 0.8 | 2.0 | 0.15 | 0.25 | 10.0             | ● turquoise | 5000 | 9004390000 |
| H0.5/14  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ● orange    | 5000 | 9005810000 |
| H0.75/14 | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ○ white     | 5000 | 9005820000 |
| H1.0/14  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 11.0             | ● yellow    | 5000 | 9005830000 |
| H1.5/14  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● red       | 5000 | 9005840000 |
| H2.5/14D | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● blue      | 3000 | 9005850000 |

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 50 mm<sup>2</sup> (AWG 20-1)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## DIN colour code

packed loose

## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2   | D1   | D2   | S1   | S2   | Stripping length | Colour   | VG*         | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|------|------|------|------|------------------|----------|-------------|------|------------|
| H0.5/12D  | 0.50              | 20  | 14.0 | 6.0  | 1.0  | 2.6  | 0.15 | 0.25 | 8.0              | ○ white  | T 20A 001 A | 500  | 9019000000 |
| H0.5/14D  | 0.50              | 20  | 12.0 | 8.0  | 1.0  | 2.6  | 0.15 | 0.25 | 10.0             | ○ white  | T 20A 002 A | 500  | 9019010000 |
| H0.5/16D  | 0.50              | 20  | 16.0 | 10.0 | 1.0  | 2.6  | 0.15 | 0.25 | 12.0             | ○ white  | T 20A 003 A | 500  | 9019020000 |
| H0.75/12D | 0.75              | 18  | 12.0 | 6.0  | 1.2  | 2.8  | 0.15 | 0.25 | 8.0              | ● grey   | T 20A 004 A | 500  | 9019030000 |
| H0.75/14D | 0.75              | 18  | 14.0 | 8.0  | 1.2  | 2.8  | 0.15 | 0.25 | 10.0             | ● grey   | T 20A 005 A | 500  | 9019040000 |
| H0.75/16D | 0.75              | 18  | 16.0 | 10.0 | 1.2  | 2.8  | 0.15 | 0.25 | 12.0             | ● grey   | T 20A 006 A | 500  | 9019050000 |
| H0.75/18D | 0.75              | 18  | 18.0 | 12.0 | 1.2  | 2.8  | 0.15 | 0.25 | 14.0             | ● grey   | T 20A 007 A | 500  | 9019060000 |
| H1.0/12D  | 1.00              | 17  | 12.0 | 6.0  | 1.4  | 3.0  | 0.15 | 0.25 | 8.0              | ● red    | T 20A 008 A | 500  | 9019070000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0  | 1.4  | 3.0  | 0.15 | 0.25 | 10.0             | ● red    | T 20A 009 A | 500  | 9019080000 |
| H1.0/16D  | 1.00              | 17  | 16.0 | 10.0 | 1.4  | 3.0  | 0.15 | 0.25 | 12.0             | ● red    | T 20A 010 A | 500  | 9019100000 |
| H1.0/18D  | 1.00              | 17  | 18.0 | 12.0 | 1.4  | 3.0  | 0.15 | 0.25 | 15.0             | ● red    | T 20A 011 A | 500  | 9019110000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0  | 1.7  | 3.5  | 0.15 | 0.25 | 10.0             | ● black  | T 20A 012 A | 500  | 9019120000 |
| H1.5/16D  | 1.50              | 16  | 16.0 | 10.0 | 1.7  | 3.5  | 0.15 | 0.25 | 12.0             | ● black  | T 20A 013 A | 500  | 9019130000 |
| H1.5/18D  | 1.50              | 16  | 18.0 | 12.0 | 1.7  | 3.5  | 0.15 | 0.25 | 15.0             | ● black  | T 20A 014 A | 500  | 9019140000 |
| H1.5/24D  | 1.50              | 16  | 24.0 | 18.0 | 1.7  | 3.5  | 0.15 | 0.25 | 20.0             | ● black  | T 20A 015 A | 500  | 9019150000 |
| H2.5/14D  | 2.50              | 14  | 14.0 | 8.0  | 2.2  | 4.2  | 0.15 | 0.25 | 10.0             | ● blue   | T 20A 016 A | 500  | 9019160000 |
| H2.5/18D  | 2.50              | 14  | 18.0 | 12.0 | 2.2  | 4.2  | 0.15 | 0.25 | 14.0             | ● blue   | T 20A 017 A | 500  | 9019170000 |
| H2.5/24D  | 2.50              | 14  | 24.0 | 18.0 | 2.2  | 4.2  | 0.15 | 0.25 | 20.0             | ● blue   | T 20A 018 A | 500  | 9019180000 |
| H4.0/17D  | 4.00              | 12  | 17.0 | 10.0 | 2.8  | 4.8  | 0.2  | 0.3  | 12.0             | ● grey   | T 20A 019 A | 500  | 9019190000 |
| H4.0/20D  | 4.00              | 12  | 20.0 | 12.0 | 2.8  | 4.8  | 0.2  | 0.3  | 14.0             | ● grey   | T 20A 020 A | 500  | 9019200000 |
| H4.0/26D  | 4.00              | 12  | 26.0 | 18.0 | 2.8  | 4.8  | 0.2  | 0.3  | 20.0             | ● grey   | T 20A 021 A | 100  | 9019210000 |
| H6.0/20D  | 6.00              | 10  | 20.0 | 12.0 | 3.5  | 6.3  | 0.2  | 0.3  | 14.0             | ● yellow | T 20A 022 A | 100  | 9019220000 |
| H6.0/26D  | 6.00              | 10  | 26.0 | 18.0 | 3.5  | 6.3  | 0.2  | 0.3  | 20.0             | ● yellow | T 20A 023 A | 100  | 9019230000 |
| H10.0/22D | 10.00             | 7   | 22.0 | 12.0 | 4.5  | 7.6  | 0.2  | 0.4  | 15.0             | ● red    | T 20A 024 A | 100  | 9019240000 |
| H10.0/28D | 10.00             | 7   | 28.0 | 18.0 | 4.5  | 7.6  | 0.2  | 0.4  | 21.0             | ● red    | T 20A 025 A | 100  | 9019250000 |
| H16.0/24D | 16.00             | 6   | 24.0 | 12.0 | 5.8  | 8.8  | 0.2  | 0.4  | 15.0             | ● blue   | T 20A 026 A | 100  | 9019260000 |
| H16.0/28D | 16.00             | 6   | 28.0 | 18.0 | 5.8  | 8.8  | 0.2  | 0.4  | 21.0             | ● blue   | T 20A 027 A | 100  | 9019270000 |
| H25.0/30D | 25.00             | 3   | 30.0 | 16.0 | 7.3  | 11.2 | 0.2  | 0.4  | 18.0             | ● yellow | T 20A 028 A | 50   | 9019280000 |
| H25.0/36D | 25.00             | 3   | 36.0 | 22.0 | 7.3  | 11.2 | 0.2  | 0.4  | 24.0             | ● yellow | T 20A 030 A | 50   | 9019300000 |
| H35.0/30D | 35.00             | 2   | 30.0 | 18.0 | 8.3  | 12.7 | 0.2  | 0.4  | 21.0             | ● red    | T 20A 032 A | 50   | 9019320000 |
| H35.0/30D | 35.00             | 2   | 30.0 | 16.0 | 8.3  | 12.7 | 0.2  | 0.4  | 19.0             | ● red    | T 20A 031 A | 50   | 9019310000 |
| H35.0/39D | 35.00             | 2   | 39.0 | 25.0 | 8.3  | 12.7 | 0.2  | 0.4  | 28.0             | ● red    | T 20A 033 A | 50   | 9019330000 |
| H50.0/36D | 50.00             | 1   | 36.0 | 20.0 | 10.3 | 15.0 | 0.3  | 0.5  | 26.0             | ● blue   | T 20A 034 A | 50   | 9019340000 |
| H50.0/40D | 50.00             | 1   | 40.0 | 25.0 | 10.3 | 15.0 | 0.3  | 0.5  | 31.0             | ● blue   | T 20A 035 A | 50   | 9019350000 |

## DIN colour code

in multipack bag

## Ordering data

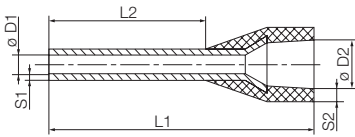
| Type      | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour  | VG*         | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|-----|-----|------|------|------------------|---------|-------------|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white | T 20A 002 A | 500  | 9019400000 |
| H0.75/14D | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● grey  | T 20A 005 A | 500  | 9019410000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● red   | T 20A 009 A | 500  | 9019420000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.5 | 0.15 | 0.25 | 10.0             | ● black | T 20A 012 A | 500  | 9019430000 |
| H1.5/24D  | 1.50              | 16  | 24.0 | 18.0 | 1.7 | 3.5 | 0.15 | 0.25 | 20.0             | ● black | T 20A 015 A | 500  | 9004140000 |
| H2.5/14   | 2.50              | 14  | 14.0 | 8.0  | 2.2 | 4.2 | 0.15 | 0.25 | 10.0             | ● blue  |             | 500  | 9026100000 |
| H4.0/17   | 4.00              | 12  | 17.0 | 10.0 | 2.8 | 4.8 | 0.2  | 0.3  | 12.0             | ● grey  |             | 250  | 9026010000 |

## DIN colour code

Strip of wire end ferrules

## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour  | VG*         | Qty. | Order No.  |
|-----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|---------|-------------|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white | T 20A 002 A | 500  | 9004280000 |
| H0.75/14D | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● grey  | T 20A 005 A | 500  | 9004300000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● red   | T 20A 009 A | 500  | 9004330000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● black | T 20A 012 A | 500  | 9004350000 |
| H2.5/14D  | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● blue  | T 20A 016 A | 500  | 9004360000 |



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 20-14)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

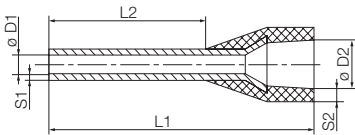
### DIN colour code

#### Reel of wire end ferrules

### Ordering data

| Type     | ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour  | VG* | Qty. | Order No.  |
|----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|---------|-----|------|------------|
| H0.5/14D | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white |     | 5000 | 9005860000 |
| H0.75/14 | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● grey  |     | 5000 | 9005870000 |
| H1.0/14D | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 11.0             | ● red   |     | 5000 | 9005880000 |
| H1.5/14D | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● black |     | 5000 | 9005890000 |
| H2.5/14D | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● blue  |     | 3000 | 9005850000 |

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.14 to 25 mm<sup>2</sup> (AWG 26-3)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## other colour code

packed loose

## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2   | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|-----|------|------|------|------------------|--------------|------|------------|
| H0.25/10T | 0.25              | 24  | 10.0 | 6.0  | 0.8 | 1.8  | 0.15 | 0.25 | 8.0              | ● yellow     | 500  | 9021010000 |
| H0.25/12T | 0.25              | 24  | 12.0 | 8.0  | 0.8 | 1.8  | 0.15 | 0.25 | 10.0             | ● yellow     | 500  | 9021020000 |
| H0.5/12D  | 0.50              | 20  | 12.0 | 6.0  | 1.0 | 2.6  | 0.15 | 0.25 | 8.0              | ○ white      | 500  | 9019000000 |
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6  | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9019010000 |
| H0.5/16D  | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.6  | 0.15 | 0.25 | 12.0             | ○ white      | 500  | 9019020000 |
| H0.75/12T | 0.75              | 18  | 12.0 | 6.0  | 1.2 | 2.8  | 0.15 | 0.25 | 8.0              | ● light blue | 500  | 9021030000 |
| H0.75/14  | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8  | 0.15 | 0.25 | 10.0             | ● light blue | 500  | 9021040000 |
| H0.75/16T | 0.75              | 18  | 16.0 | 10.0 | 1.2 | 2.8  | 0.15 | 0.25 | 12.0             | ● light blue | 500  | 9021050000 |
| H0.75/18T | 0.75              | 18  | 18.0 | 12.0 | 1.2 | 2.8  | 0.15 | 0.25 | 14.0             | ● light blue | 500  | 9021060000 |
| H1.0/12D  | 1.00              | 17  | 12.0 | 6.0  | 1.4 | 3.0  | 0.15 | 0.25 | 8.0              | ● red        | 500  | 9019070000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.0  | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9019080000 |
| H1.0/16D  | 1.00              | 17  | 16.0 | 10.0 | 1.4 | 3.0  | 0.15 | 0.25 | 12.0             | ● red        | 500  | 9019100000 |
| H1.0/18D  | 1.00              | 17  | 18.0 | 12.0 | 1.4 | 3.0  | 0.15 | 0.25 | 15.0             | ● red        | 500  | 9019110000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.5  | 0.15 | 0.25 | 10.0             | ● black      | 500  | 9019120000 |
| H1.5/16D  | 1.50              | 16  | 16.0 | 10.0 | 1.7 | 3.5  | 0.15 | 0.25 | 12.0             | ● black      | 500  | 9019130000 |
| H1.5/18D  | 1.50              | 16  | 18.0 | 12.0 | 1.7 | 3.5  | 0.15 | 0.25 | 15.0             | ● black      | 500  | 9019140000 |
| H1.5/24D  | 1.50              | 16  | 24.0 | 18.0 | 1.7 | 3.5  | 0.15 | 0.25 | 20.0             | ● black      | 500  | 9019150000 |
| H2.5/14T  | 2.50              | 14  | 14.0 | 8.0  | 2.2 | 4.2  | 0.15 | 0.25 | 10.0             | ● grey       | 500  | 9021070000 |
| H2.5/18T  | 2.50              | 14  | 18.0 | 12.0 | 2.2 | 4.2  | 0.15 | 0.25 | 14.0             | ● grey       | 500  | 9021080000 |
| H2.5/24T  | 2.50              | 14  | 24.0 | 18.0 | 2.2 | 4.2  | 0.15 | 0.25 | 20.0             | ● grey       | 500  | 9021090000 |
| H4.0/17T  | 4.00              | 12  | 17.0 | 10.0 | 2.8 | 4.8  | 0.2  | 0.3  | 12.0             | ● orange     | 500  | 9021100000 |
| H4.0/20T  | 4.00              | 12  | 20.0 | 12.0 | 2.8 | 4.8  | 0.2  | 0.3  | 14.0             | ● orange     | 500  | 9021110000 |
| H4.0/26T  | 4.00              | 12  | 26.0 | 18.0 | 2.8 | 4.8  | 0.2  | 0.3  | 20.0             | ● orange     | 100  | 9021120000 |
| H6.0/20T  | 6.00              | 10  | 20.0 | 12.0 | 3.5 | 6.3  | 0.2  | 0.3  | 14.0             | ● green      | 100  | 9021130000 |
| H6.0/26T  | 6.00              | 10  | 26.0 | 18.0 | 3.5 | 6.3  | 0.2  | 0.3  | 20.0             | ● green      | 100  | 9021140000 |
| H10.0/22T | 10.00             | 7   | 22.0 | 12.0 | 4.5 | 7.6  | 0.2  | 0.4  | 15.0             | ● brown      | 100  | 9021150000 |
| H10.0/28T | 10.00             | 7   | 28.0 | 18.0 | 4.5 | 7.6  | 0.2  | 0.4  | 21.0             | ● brown      | 100  | 9021160000 |
| H16.0/24T | 16.00             | 6   | 24.0 | 12.0 | 5.8 | 8.8  | 0.2  | 0.4  | 15.0             | ○ white      | 100  | 9021170000 |
| H16.0/28T | 16.00             | 6   | 28.0 | 18.0 | 5.8 | 8.8  | 0.2  | 0.4  | 21.0             | ○ white      | 100  | 9021180000 |
| H25.0/30T | 25.00             | 3   | 30.0 | 16.0 | 7.3 | 11.2 | 0.2  | 0.4  | 18.0             | ● black      | 50   | 9021190000 |
| H25.0/36T | 25.00             | 3   | 36.0 | 22.0 | 7.3 | 11.2 | 0.2  | 0.4  | 24.0             | ● black      | 50   | 9021200000 |

## other colour code

in multipack bag

## Ordering data

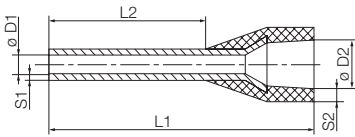
| Type      | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|-----|-----|------|------|------------------|--------------|------|------------|
| H0.14/10T | 0.14              | 26  | 10.0 | 6.0  | 0.6 | 1.5 | 0.15 | 0.25 | 8.0              | ● brown      | 500  | 9028250000 |
| H0.25/10T | 0.25              | 24  | 10.0 | 6.0  | 0.8 | 1.8 | 0.15 | 0.25 | 8.0              | ● yellow     | 500  | 9021210000 |
| H0.25/12T | 0.25              | 24  | 12.0 | 8.0  | 0.8 | 1.8 | 0.15 | 0.25 | 10.0             | ● yellow     | 500  | 9021220000 |
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9019400000 |
| H0.75/14T | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● light blue | 500  | 9021230000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9019420000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.5 | 0.15 | 0.25 | 10.0             | ● black      | 500  | 9019430000 |
| H1.5/24D  | 1.50              | 16  | 24.0 | 18.0 | 1.7 | 3.5 | 0.15 | 0.25 | 20.0             | ● black      | 500  | 9004140000 |
| H2.5/14T  | 2.50              | 14  | 14.0 | 8.0  | 2.2 | 4.2 | 0.15 | 0.25 | 10.0             | ● grey       | 500  | 9021240000 |
| H4.0/17T  | 4.00              | 12  | 17.0 | 10.0 | 2.8 | 4.8 | 0.2  | 0.3  | 12.0             | ● orange     | 250  | 9021250000 |

## other colour code

Strip of wire end ferrules

## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|-----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|--------------|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9004280000 |
| H0.75/14T | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● light blue | 500  | 9004310000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9004330000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● black      | 500  | 9004350000 |
| H2.5/14T  | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● grey       | 500  | 9004370000 |



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 20-14)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

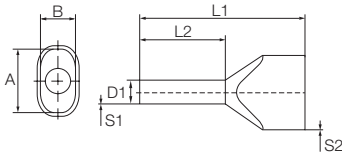
### other colour code

#### Reel of wire end ferrules

### Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|-----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|--------------|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white      | 5000 | 9005860000 |
| H0.75/14T | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● light blue | 5000 | 9005900000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 11.0             | ● red        | 5000 | 9005880000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● black      | 5000 | 9005890000 |
| H2.5/14T  | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● grey       | 3000 | 9005910000 |

## Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 2 x 0,5-2 x 16 mm<sup>2</sup> (2 x AWG 20-2 x AWG 6)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

packed loose

## Ordering data

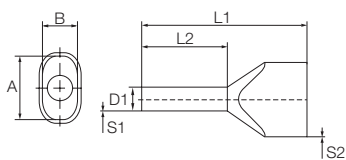
| Type       | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2 | S1   | S2  | Stripping length | Colour   | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|----|------|-----|------------------|----------|------|------------|
| H0.5/15    | 0.50              | 20  | 15.0 | 8.0  | 1.4 |    | 0.15 | 0.3 | 11.0             | ● orange | 500  | 9037200000 |
| H0.5/16.5  | 0.50              | 20  | 16.0 | 10.0 | 1.4 |    | 0.15 | 0.3 | 13.0             | ● orange | 500  | 9037210000 |
| H0.5/18.5  | 0.50              | 20  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 15.0             | ● orange | 500  | 9037220000 |
| H0.75/15   | 0.75              | 18  | 15.0 | 8.0  | 1.7 |    | 0.15 | 0.3 | 11.0             | ○ white  | 500  | 9037230000 |
| H0.75/17   | 0.75              | 18  | 17.0 | 10.0 | 1.7 |    | 0.15 | 0.3 | 13.0             | ○ white  | 500  | 9037240000 |
| H0.75/19S  | 0.75              | 18  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 21.0             | ○ white  | 500  | 9202820000 |
| H0.75/24.5 | 0.75              | 18  | 24.0 | 18.0 | 1.7 |    | 0.15 | 0.3 | 21.0             | ○ white  | 500  | 9037250000 |
| H1.0/15    | 1.00              | 17  | 15.0 | 8.0  | 2.0 |    | 0.15 | 0.3 | 12.0             | ● yellow | 500  | 9037260000 |
| H1.0/15S   | 1.00              | 17  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 12.0             | ● yellow | 500  | 9018690000 |
| H1.0/20    | 1.00              | 17  | 19.0 | 12.0 | 2.0 |    | 0.15 | 0.3 | 16.0             | ● yellow | 500  | 9037270000 |
| H1.0/25.6  | 1.00              | 17  | 25.0 | 18.0 | 2.0 |    | 0.15 | 0.3 | 22.0             | ● yellow | 500  | 9037280000 |
| H1.5/16    | 1.50              | 16  | 16.0 | 8.2  | 2.2 |    | 0.15 | 0.3 | 11.0             | ● red    | 500  | 9037290000 |
| H1.5/20    | 1.50              | 16  | 20.0 | 12.0 | 2.2 |    | 0.15 | 0.3 | 15.0             | ● red    | 500  | 9037300000 |
| H1.5/25.6  | 1.50              | 16  | 26.0 | 18.0 | 2.2 |    | 0.15 | 0.3 | 21.0             | ● red    | 100  | 9037310000 |
| H2.5/18.5D | 2.50              | 14  | 19.0 | 10.0 | 2.8 |    | 0.15 | 0.4 | 13.0             | ● blue   | 500  | 9037500000 |
| H2.5/20.5D | 2.50              | 14  | 21.0 | 12.0 | 2.8 |    | 0.15 | 0.4 | 15.0             | ● blue   | 100  | 9037510000 |
| H2.5/26.5D | 2.50              | 14  | 27.0 | 18.0 | 2.8 |    | 0.15 | 0.4 | 21.0             | ● blue   | 100  | 9037520000 |
| H4.0/22D   | 4.00              | 12  | 22.0 | 12.0 | 3.5 |    | 0.2  | 0.5 | 15.0             | ● grey   | 100  | 9037530000 |
| H4.0/28D   | 4.00              | 12  | 28.0 | 18.0 | 3.5 |    | 0.2  | 0.5 | 21.0             | ● grey   | 100  | 9037540000 |
| H6.0/25    | 6.00              | 10  | 25.0 | 12.0 | 4.5 |    | 0.2  | 0.5 | 20.0             | ● black  | 100  | 9037320000 |
| H6.0/29    | 6.00              | 10  | 29.0 | 18.0 | 4.5 |    | 0.2  | 0.5 | 24.0             | ● black  | 100  | 9037330000 |
| H10.0/24S  | 10.00             | 7   | 24.0 | 12.0 | 6.5 |    | 0.2  | 0.5 | 17.0             | ● ivory  | 100  | 9018860000 |
| H10.0/26   | 10.00             | 7   | 24.0 | 12.0 | 5.8 |    | 0.2  | 0.5 | 17.0             | ● ivory  | 100  | 9037340000 |
| H10.0/30   | 10.00             | 7   | 30.0 | 18.0 | 5.8 |    | 0.2  | 0.5 | 23.0             | ● ivory  | 100  | 9037350000 |
| H10.0/30S  | 10.00             | 7   | 30.0 | 18.0 | 6.5 |    | 0.2  | 0.5 | 23.0             | ● ivory  | 100  | 9018870000 |
| H16.0/29   | 16.00             | 6   | 29.0 | 16.0 | 8.3 |    | 0.3  | 0.6 | 20.0             | ● green  | 50   | 9037360000 |
| H16.0/38   | 16.00             | 6   | 38.0 | 25.0 | 8.3 |    | 0.3  | 0.6 | 29.0             | ● green  | 50   | 9037370000 |

## Weidmüller colour code

in multipack bag

## Ordering data

| Type       | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2 | S1   | S2  | Stripping length | Colour   | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|----|------|-----|------------------|----------|------|------------|
| H0.5/15    | 0.50              | 20  | 15.0 | 8.0  | 1.4 |    | 0.15 | 0.3 | 11.0             | ● orange | 500  | 9004440000 |
| H0.75/15   | 0.75              | 18  | 15.0 | 8.0  | 1.7 |    | 0.15 | 0.3 | 11.0             | ○ white  | 500  | 9018510000 |
| H0.75/17   | 0.75              | 18  | 17.0 | 10.0 | 1.7 |    | 0.15 | 0.3 | 13.0             | ○ white  | 500  | 9004900000 |
| H1.0/15    | 1.00              | 17  | 15.0 | 8.0  | 2.0 |    | 0.15 | 0.3 | 12.0             | ● yellow | 500  | 9018530000 |
| H1.0/15S   | 1.00              | 17  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 12.0             | ● yellow | 500  | 9018650000 |
| H1.0/20    | 1.00              | 17  | 19.0 | 12.0 | 2.0 |    | 0.15 | 0.3 | 16.0             | ● yellow | 500  | 9004910000 |
| H1.5/16    | 1.50              | 16  | 16.0 | 8.2  | 2.2 |    | 0.15 | 0.3 | 11.0             | ● red    | 500  | 9004410000 |
| H1.5/20    | 1.50              | 16  | 20.0 | 12.0 | 2.2 |    | 0.15 | 0.3 | 15.0             | ● red    | 500  | 9004920000 |
| H2.5/18.5D | 2.50              | 14  | 19.0 | 10.0 | 2.8 |    | 0.15 | 0.4 | 13.0             | ● blue   | 250  | 9004430000 |
| H2.5/20.5D | 2.50              | 14  | 21.0 | 12.0 | 2.8 |    | 0.15 | 0.4 | 15.0             | ● blue   | 250  | 9004740000 |
| H4.0/22D   | 4.00              | 12  | 22.0 | 12.0 | 3.5 |    | 0.2  | 0.5 | 15.0             | ● grey   | 100  | 9004730000 |
| H6.0/25    | 6.00              | 10  | 25.0 | 12.0 | 4.5 |    | 0.2  | 0.5 | 20.0             | ● black  | 100  | 9004930000 |
| H10.0/26   | 10.00             | 7   | 24.0 | 12.0 | 5.8 |    | 0.2  | 0.5 | 17.0             | ● ivory  | 100  | 9004940000 |



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 2 x 0,5-2 x 16 mm<sup>2</sup> (2 x AWG 20-2 x AWG 6)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

**DIN colour code**

packed loose

**Ordering data**

| Type        | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2 | S1   | S2  | Stripping length | Colour   | Qty. | Order No.  |
|-------------|-------------------|-----|------|------|-----|----|------|-----|------------------|----------|------|------------|
| H0.5/15D    | 0.50              | 20  | 15.0 | 8.0  | 1.4 |    | 0.15 | 0.3 | 11.0             | ○ white  | 500  | 9037380000 |
| H0.5/16.5D  | 0.50              | 20  | 16.0 | 10.0 | 1.4 |    | 0.15 | 0.3 | 13.0             | ○ white  | 500  | 9037390000 |
| H0.5/18.4D  | 0.50              | 20  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 15.0             | ○ white  | 500  | 9037400000 |
| H0.75/15D   | 0.75              | 18  | 15.0 | 8.0  | 1.7 |    | 0.15 | 0.3 | 11.0             | ● grey   | 500  | 9037410000 |
| H0.75/17D   | 0.75              | 18  | 17.0 | 10.0 | 1.7 |    | 0.15 | 0.3 | 13.0             | ● grey   | 500  | 9037420000 |
| H0.75/19DS  | 0.75              | 18  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 21.0             | ● grey   | 500  | 9202830000 |
| H0.75/24.5D | 0.75              | 18  | 24.0 | 18.0 | 1.7 |    | 0.15 | 0.3 | 21.0             | ● grey   | 500  | 9037430000 |
| H1.0/15D    | 1.00              | 17  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 12.0             | ● red    | 500  | 9037440000 |
| H1.0/20D    | 1.00              | 17  | 19.0 | 12.0 | 2.0 |    | 0.15 | 0.3 | 16.0             | ● red    | 500  | 9037450000 |
| H1.0/25.6D  | 1.00              | 17  | 25.0 | 18.0 | 2.0 |    | 0.15 | 0.3 | 22.0             | ● red    | 500  | 9037460000 |
| H1.5/16D    | 1.50              | 16  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 11.0             | ● black  | 500  | 9037470000 |
| H1.5/20D    | 1.50              | 16  | 20.0 | 12.0 | 2.2 |    | 0.15 | 0.3 | 15.0             | ● black  | 500  | 9037480000 |
| H1.5/25.6D  | 1.50              | 16  | 26.0 | 18.0 | 2.2 |    | 0.15 | 0.3 | 21.0             | ● black  | 100  | 9037490000 |
| H2.5/18.5D  | 2.50              | 14  | 19.0 | 10.0 | 2.8 |    | 0.15 | 0.4 | 13.0             | ● blue   | 500  | 9037500000 |
| H2.5/20.5D  | 2.50              | 14  | 21.0 | 12.0 | 2.8 |    | 0.15 | 0.4 | 15.0             | ● blue   | 100  | 9037510000 |
| H2.5/26.5D  | 2.50              | 14  | 27.0 | 18.0 | 2.8 |    | 0.15 | 0.4 | 21.0             | ● blue   | 100  | 9037520000 |
| H4.0/22D    | 4.00              | 12  | 22.0 | 12.0 | 3.5 |    | 0.2  | 0.5 | 15.0             | ● grey   | 100  | 9037530000 |
| H4.0/28D    | 4.00              | 12  | 28.0 | 18.0 | 3.5 |    | 0.2  | 0.5 | 21.0             | ● grey   | 100  | 9037540000 |
| H6.0/25D    | 6.00              | 10  | 25.0 | 12.0 | 4.5 |    | 0.2  | 0.5 | 20.0             | ● yellow | 100  | 9037550000 |
| H6.0/29D    | 6.00              | 10  | 29.0 | 18.0 | 4.5 |    | 0.2  | 0.5 | 24.0             | ● yellow | 100  | 9037560000 |
| H10.0/24DS  | 10.00             | 7   | 24.0 | 12.0 | 6.5 |    | 0.2  | 0.5 | 17.0             | ● red    | 100  | 9018880000 |
| H10.0/26D   | 10.00             | 7   | 24.0 | 12.0 | 5.8 |    | 0.2  | 0.5 | 17.0             | ● red    | 100  | 9037570000 |
| H10.0/30D   | 10.00             | 7   | 30.0 | 18.0 | 5.8 |    | 0.2  | 0.5 | 23.0             | ● red    | 100  | 9037580000 |
| H10.0/30DS  | 10.00             | 7   | 30.0 | 18.0 | 6.5 |    | 0.2  | 0.5 | 23.0             | ● red    | 100  | 9018890000 |
| H16.0/29D   | 16.00             | 6   | 29.0 | 16.0 | 8.3 |    | 0.3  | 0.6 | 20.0             | ● blue   | 50   | 9037590000 |
| H16.0/38D   | 16.00             | 6   | 38.0 | 25.0 | 8.3 |    | 0.3  | 0.6 | 29.0             | ● blue   | 50   | 9037600000 |

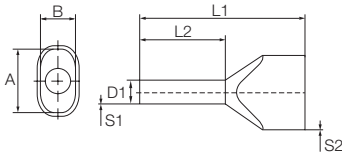
**DIN colour code**

in multipack bag

**Ordering data**

| Type       | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2 | S1   | S2  | Stripping length | Colour   | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|----|------|-----|------------------|----------|------|------------|
| H0.5/15D   | 0.50              | 20  | 15.0 | 8.0  | 1.4 |    | 0.15 | 0.3 | 11.0             | ○ white  | 500  | 9004780000 |
| H0.75/15D  | 0.75              | 18  | 15.0 | 8.0  | 1.7 |    | 0.15 | 0.3 | 11.0             | ● grey   | 500  | 9018520000 |
| H0.75/17D  | 0.75              | 18  | 17.0 | 10.0 | 1.7 |    | 0.15 | 0.3 | 13.0             | ● grey   | 500  | 9004770000 |
| H1.0/15D   | 1.00              | 17  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 12.0             | ● red    | 500  | 9018540000 |
| H1.0/20D   | 1.00              | 17  | 19.0 | 12.0 | 2.0 |    | 0.15 | 0.3 | 16.0             | ● red    | 500  | 9004760000 |
| H1.5/16D   | 1.50              | 16  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 11.0             | ● black  | 500  | 9004420000 |
| H1.5/20D   | 1.50              | 16  | 20.0 | 12.0 | 2.2 |    | 0.15 | 0.3 | 15.0             | ● black  | 500  | 9004750000 |
| H2.5/18.5D | 2.50              | 14  | 19.0 | 10.0 | 2.8 |    | 0.15 | 0.4 | 13.0             | ● blue   | 250  | 9004430000 |
| H2.5/20.5D | 2.50              | 14  | 21.0 | 12.0 | 2.8 |    | 0.15 | 0.4 | 15.0             | ● blue   | 250  | 9004740000 |
| H4.0/22D   | 4.00              | 12  | 22.0 | 12.0 | 3.5 |    | 0.2  | 0.5 | 15.0             | ● grey   | 100  | 9004730000 |
| H6.0/25D   | 6.00              | 10  | 25.0 | 12.0 | 4.5 |    | 0.2  | 0.5 | 20.0             | ● yellow | 100  | 9004720000 |
| H10.0/26D  | 10.00             | 7   | 24.0 | 12.0 | 5.8 |    | 0.2  | 0.5 | 17.0             | ● red    | 100  | 9004710000 |

## Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 2 x 0,5-2 x 16 mm<sup>2</sup> (2 x AWG 20-2 x AWG 6)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## other colour code

packed loose

## Ordering data

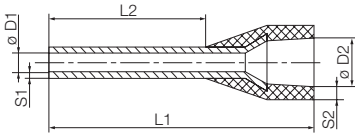
| Type        | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2 | S1   | S2  | Stripping length | Colour       | Qty. | Order No.  |
|-------------|-------------------|-----|------|------|-----|----|------|-----|------------------|--------------|------|------------|
| H0.5/15     | 0.50              | 20  | 15.0 | 8.0  | 1.4 |    | 0.15 | 0.3 | 11.0             | ● orange     | 500  | 9037200000 |
| H0.5/16.5   | 0.50              | 20  | 16.0 | 10.0 | 1.4 |    | 0.15 | 0.3 | 13.0             | ● orange     | 500  | 9037210000 |
| H0.5/18.5   | 0.50              | 20  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 15.0             | ● orange     | 500  | 9037220000 |
| H0.75/15T   | 0.75              | 18  | 15.0 | 8.0  | 1.7 |    | 0.15 | 0.3 | 11.0             | ● light blue | 500  | 9037610000 |
| H0.75/17T   | 0.75              | 18  | 17.0 | 10.0 | 1.7 |    | 0.15 | 0.3 | 13.0             | ● light blue | 500  | 9037620000 |
| H0.75/19TS  | 0.75              | 18  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 21.0             | ● light blue | 500  | 9202840000 |
| H0.75/24.5T | 0.75              | 18  | 24.0 | 18.0 | 1.7 |    | 0.15 | 0.3 | 21.0             | ● light blue | 500  | 9037630000 |
| H1.0/15D    | 1.00              | 17  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 12.0             | ● red        | 500  | 9037440000 |
| H1.0/20D    | 1.00              | 17  | 19.0 | 12.0 | 2.0 |    | 0.15 | 0.3 | 16.0             | ● red        | 500  | 9037450000 |
| H1.0/25.6D  | 1.00              | 17  | 25.0 | 18.0 | 2.0 |    | 0.15 | 0.3 | 22.0             | ● red        | 500  | 9037460000 |
| H1.5/16D    | 1.50              | 16  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 11.0             | ● black      | 500  | 9037470000 |
| H1.5/20D    | 1.50              | 16  | 20.0 | 12.0 | 2.2 |    | 0.15 | 0.3 | 15.0             | ● black      | 500  | 9037480000 |
| H1.5/25.6D  | 1.50              | 16  | 26.0 | 18.0 | 2.2 |    | 0.15 | 0.3 | 21.0             | ● black      | 100  | 9037490000 |
| H2.5/18.5T  | 2.50              | 14  | 19.0 | 10.0 | 2.8 |    | 0.15 | 0.4 | 13.0             | ● grey       | 500  | 9037640000 |
| H2.5/20.5T  | 2.50              | 14  | 21.0 | 12.0 | 2.8 |    | 0.15 | 0.4 | 15.0             | ● grey       | 100  | 9037650000 |
| H2.5/26.5T  | 2.50              | 14  | 27.0 | 18.0 | 2.8 |    | 0.15 | 0.4 | 21.0             | ● grey       | 100  | 9037660000 |
| H4.0/22T    | 4.00              | 12  | 22.0 | 12.0 | 3.5 |    | 0.2  | 0.5 | 15.0             | ● orange     | 100  | 9037670000 |
| H4.0/28T    | 4.00              | 12  | 28.0 | 18.0 | 3.5 |    | 0.2  | 0.5 | 21.0             | ● orange     | 100  | 9037680000 |
| H6.0/25T    | 6.00              | 10  | 25.0 | 12.0 | 4.5 |    | 0.2  | 0.5 | 20.0             | ● green      | 100  | 9037690000 |
| H6.0/29T    | 6.00              | 10  | 29.0 | 18.0 | 4.5 |    | 0.2  | 0.5 | 24.0             | ● green      | 100  | 9037700000 |
| H10.0/26T   | 10.00             | 7   | 24.0 | 12.0 | 5.8 |    | 0.2  | 0.5 | 17.0             | ● brown      | 100  | 9037710000 |
| H10.0/30T   | 10.00             | 7   | 30.0 | 18.0 | 5.8 |    | 0.2  | 0.5 | 23.0             | ● brown      | 100  | 9037720000 |
| H16.0/19T   | 16.00             | 6   | 29.0 | 16.0 | 8.3 |    | 0.3  | 0.6 | 20.0             | ○ white      | 50   | 9037730000 |
| H16.0/38T   | 16.00             | 6   | 38.0 | 25.0 | 8.3 |    | 0.3  | 0.6 | 29.0             | ○ white      | 50   | 9037740000 |

## other colour code

in multipack bag

## Ordering data

| Type       | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2 | S1   | S2  | Stripping length | Colour       | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|----|------|-----|------------------|--------------|------|------------|
| H0.75/17T  | 0.75              | 18  | 17.0 | 10.0 | 1.7 |    | 0.15 | 0.3 | 13.0             | ● light blue | 500  | 9005140000 |
| H1.0/15D   | 1.00              | 17  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 12.0             | ● red        | 500  | 9018540000 |
| H1.0/20D   | 1.00              | 17  | 19.0 | 12.0 | 2.0 |    | 0.15 | 0.3 | 16.0             | ● red        | 500  | 9004760000 |
| H1.5/16D   | 1.50              | 16  | 16.0 | 8.0  | 2.2 |    | 0.15 | 0.3 | 11.0             | ● black      | 500  | 9004420000 |
| H1.5/20D   | 1.50              | 16  | 20.0 | 12.0 | 2.2 |    | 0.15 | 0.3 | 15.0             | ● black      | 500  | 9004750000 |
| H2.5/18.5T | 2.50              | 14  | 19.0 | 10.0 | 2.8 |    | 0.15 | 0.4 | 13.0             | ● grey       | 250  | 9018580000 |
| H2.5/20.5  | 2.50              | 14  | 21.0 | 12.0 | 2.8 |    | 0.15 | 0.4 | 15.0             | ● grey       | 250  | 9005150000 |
| H4.0/22T   | 4.00              | 12  | 22.0 | 12.0 | 3.5 |    | 0.2  | 0.5 | 15.0             | ● orange     | 100  | 9018590000 |
| H6.0/25T   | 6.00              | 10  | 25.0 | 12.0 | 4.5 |    | 0.2  | 0.5 | 20.0             | ● green      | 100  | 9005160000 |
| H10.0/26T  | 10.00             | 7   | 24.0 | 12.0 | 5.8 |    | 0.2  | 0.5 | 17.0             | ● brown      | 100  | 9005170000 |



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 1.5 to 16 mm<sup>2</sup> (AWG 16-6)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

**Weidmüller colour code**

packed loose

**Ordering data**

| Type       | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2  | Stripping length | Colour  | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|-----|------|-----|------------------|---------|------|------------|
| H1.5/24 XS | 1.50              | 16  | 24.0 | 18.0 | 1.8 | 6.8 | 0.15 | 0.3 | 20.0             | ● black | 100  | 9202870000 |
| H2.5/24 XS | 2.50              | 14  | 24.0 | 18.0 | 2.3 | 7.6 | 0.15 | 0.3 | 20.0             | ● blue  | 100  | 9202880000 |

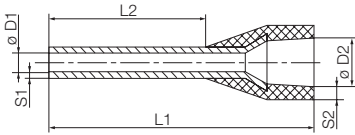
**Weidmüller colour code**

in multipack bag

**Ordering data**

| Type        | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2   | S1   | S2  | Stripping length | Colour   | Qty. | Order No.  |
|-------------|-------------------|-----|------|------|-----|------|------|-----|------------------|----------|------|------------|
| H1.5/17.5X  | 1.50              | 16  | 17.5 | 8.0  | 1.8 | 6.8  | 0.15 | 0.3 | 13.0             | ● black  | 100  | 9006590000 |
| H1.5/19.5X  | 1.50              | 16  | 19.5 | 10.0 | 1.8 | 6.8  | 0.15 | 0.3 | 15.0             | ● black  | 100  | 9006630000 |
| H2.5/17.5X  | 2.50              | 14  | 17.5 | 8.0  | 2.3 | 7.6  | 0.15 | 0.3 | 14.0             | ● blue   | 100  | 9006670000 |
| H2.5/21.5X  | 2.50              | 14  | 21.5 | 12.0 | 2.3 | 7.6  | 0.15 | 0.3 | 17.0             | ● blue   | 100  | 9006710000 |
| H4.0/19.5X  | 4.00              | 12  | 19.5 | 10.0 | 2.9 | 7.8  | 0.2  | 0.3 | 14.0             | ● grey   | 100  | 9006750000 |
| H6.0/23.0X  | 6.00              | 10  | 23.0 | 12.0 | 3.6 | 8.1  | 0.2  | 0.3 | 17.0             | ● yellow | 100  | 9006790000 |
| H10.0/24.5X | 10.00             | 7   | 24.0 | 12.0 | 4.6 | 9.6  | 0.2  | 0.3 | 17.0             | ● red    | 100  | 9006830000 |
| H16.0/25.5X | 16.00             | 6   | 25.5 | 12.0 | 6.0 | 11.9 | 0.2  | 0.3 | 26.0             | ● blue   | 100  | 9006870000 |

## Wire end ferrules with plastic collar, special sizes



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 20-14)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

packed loose

## Ordering data

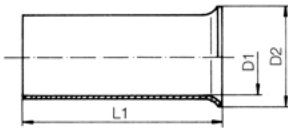
| Type       | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|-----|------|------|------------------|--------------|------|------------|
| H0.5/14S   | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.9 | 0.15 | 0.25 | 10.0             | ● orange     | 500  | 9004560000 |
| H0.5/14S   | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.9 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9004590000 |
| H0.5/16DS  | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.9 | 0.15 | 0.25 | 12.0             | ○ white      | 500  | 9202910000 |
| H0.5/16S   | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.9 | 0.15 | 0.25 | 12.0             | ● orange     | 500  | 9202900000 |
| H0.75/14S  | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 3.4 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9025960000 |
| H0.75/14TS | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 3.4 | 0.15 | 0.25 | 10.0             | ● light blue | 500  | 9018550000 |
| H1.0/14S   | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.5 | 0.15 | 0.25 | 10.0             | ● yellow     | 500  | 9025970000 |
| H1.0/14S   | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.5 | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9018560000 |
| H1.5/12S   | 1.50              | 16  | 12.0 | 6.0  | 1.7 | 3.5 | 0.15 | 0.25 | 8.0              | ● red        | 500  | 9025690000 |
| H1.5/14S   | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.9 | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9025980000 |
| H1.5/14S   | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.9 | 0.15 | 0.25 | 10.0             | ● black      | 500  | 9025240000 |
| H2.5/12DS  | 2.50              | 14  | 12.0 | 6.0  | 2.2 | 4.2 | 0.15 | 0.25 | 8.0              | ● blue       | 500  | 9028490000 |
| H2.5/12TS  | 2.50              | 14  | 12.0 | 6.0  | 2.2 | 4.2 | 0.15 | 0.25 | 8.0              | ● grey       | 500  | 9036200000 |
| H2.5/14S   | 2.50              | 14  | 14.0 | 8.0  | 2.2 | 4.0 | 0.15 | 0.25 | 10.0             | ● blue       | 500  | 1333100000 |
| H2.5/14TS  | 2.50              | 14  | 14.0 | 8.0  | 2.2 | 4.0 | 0.15 | 0.25 | 10.0             | ● grey       | 500  | 9426770000 |
| H2.5/16DS  | 2.50              | 14  | 16.0 | 10.0 | 2.2 | 4.2 | 0.15 | 0.25 | 13.0             | ● blue       | 500  | 9036220000 |

## Weidmüller colour code

in multipack bag

## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour   | Qty. | Order No.  |
|-----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|----------|------|------------|
| H0.75/14S | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 3.4 | 0.15 | 0.25 | 10.0             | ○ white  | 500  | 9025700000 |
| H1.0/14S  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.5 | 0.15 | 0.25 | 10.0             | ● yellow | 500  | 9025710000 |
| H1.5/14DS | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.9 | 0.15 | 0.25 | 10.0             | ● black  | 500  | 9028360000 |
| H1.5/14S  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.9 | 0.15 | 0.25 | 10.0             | ● red    | 500  | 9025720000 |



For conductors 0.25-185 mm<sup>2</sup> (AWG 24-350MCM)  
Material: tin-plated copper  
Dimensional tolerances to DIN 46228 part 1

## without plastic collar

packed loose

## Ordering data

| Type      | ø mm <sup>2</sup> | AWG     | L1   | L2 | D1   | D2   | S1 | S2 | Stripping length | Colour | Qty. | Order No.  |
|-----------|-------------------|---------|------|----|------|------|----|----|------------------|--------|------|------------|
| H0.25/5   | 0.25              | 24      | 5.0  |    | 0.7  | 1.6  |    |    | 5.0              |        | 1000 | 9018910000 |
| H0.5/10   | 0.50              | 20      | 10.0 |    | 1.0  | 2.1  |    |    | 10.0             |        | 1000 | 9004050000 |
| H0.5/6    | 0.50              | 20      | 6.0  |    | 1.0  | 2.1  |    |    | 6.0              |        | 1000 | 0282600000 |
| H0.75/10  | 0.75              | 18      | 10.0 |    | 1.2  | 2.3  |    |    | 10.0             |        | 1000 | 0542500000 |
| H0.75/6   | 0.75              | 18      | 6.0  |    | 1.2  | 2.3  |    |    | 6.0              |        | 1000 | 0282700000 |
| H1.0/10   | 1.00              | 17      | 10.0 |    | 1.4  | 2.5  |    |    | 10.0             |        | 1000 | 0282800000 |
| H1.0/6    | 1.00              | 17      | 6.0  |    | 1.4  | 2.5  |    |    | 6.0              |        | 1000 | 0372600000 |
| H1.5/7    | 1.50              | 16      | 7.0  |    | 1.7  | 2.8  |    |    | 7.0              |        | 1000 | 0372700000 |
| H1.5/10   | 1.50              | 16      | 10.0 |    | 1.7  | 2.8  |    |    | 10.0             |        | 1000 | 0186500000 |
| H1.5/12   | 1.50              | 16      | 12.0 |    | 1.7  | 2.8  |    |    | 12.0             |        | 1000 | 9004060000 |
| H1.5/18   | 1.50              | 16      | 18.0 |    | 1.7  | 2.8  |    |    | 18.0             |        | 1000 | 9004070000 |
| H2.5/7    | 2.50              | 14      | 7.0  |    | 2.2  | 3.4  |    |    | 7.0              |        | 1000 | 0373000000 |
| H2.5/10   | 2.50              | 14      | 10.0 |    | 2.2  | 3.4  |    |    | 10.0             |        | 1000 | 9004080000 |
| H2.5/12   | 2.50              | 14      | 12.0 |    | 2.2  | 3.4  |    |    | 12.0             |        | 1000 | 0186100000 |
| H2.5/18   | 2.50              | 14      | 18.0 |    | 2.2  | 3.4  |    |    | 18.0             |        | 1000 | 9004090000 |
| H4.0/9    | 4.00              | 12      | 9.0  |    | 2.8  | 4.0  |    |    | 9.0              |        | 500  | 0373100000 |
| H4.0/15   | 4.00              | 12      | 15.0 |    | 2.8  | 4.0  |    |    | 15.0             |        | 500  | 9004100000 |
| H4.0/12   | 4.00              | 12      | 12.0 |    | 2.8  | 4.0  |    |    | 12.0             |        | 1000 | 0244100000 |
| H4.0/18   | 4.00              | 12      | 18.0 |    | 2.8  | 4.0  |    |    | 18.0             |        | 500  | 9004110000 |
| H6.0/10   | 6.00              | 10      | 10.0 |    | 3.5  | 4.7  |    |    | 10.0             |        | 500  | 9004120000 |
| H6.0/12   | 6.00              | 10      | 12.0 |    | 3.5  | 4.7  |    |    | 12.0             |        | 500  | 0191900000 |
| H6.0/15   | 6.00              | 10      | 15.0 |    | 3.5  | 4.7  |    |    | 15.0             |        | 500  | 0124700000 |
| H6.0/18   | 6.00              | 10      | 18.0 |    | 3.5  | 4.7  |    |    | 18.0             |        | 500  | 9004130000 |
| H10.0/12  | 10.00             | 7       | 12.0 |    | 4.5  | 5.8  |    |    | 12.0             |        | 500  | 0282900000 |
| H10.0/15  | 10.00             | 7       | 15.0 |    | 4.5  | 5.8  |    |    | 15.0             |        | 500  | 0124800000 |
| H10.0/18  | 10.00             | 7       | 18.0 |    | 4.5  | 5.8  |    |    | 18.0             |        | 500  | 0379300000 |
| H16.0/12  | 16.00             | 6       | 12.0 |    | 5.8  | 7.5  |    |    | 12.0             |        | 500  | 0492500000 |
| H16.0/15  | 16.00             | 6       | 15.0 |    | 5.8  | 7.5  |    |    | 15.0             |        | 500  | 0124300000 |
| H16.0/18  | 16.00             | 6       | 18.0 |    | 5.8  | 7.5  |    |    | 18.0             |        | 100  | 0375200000 |
| H16.0/25  | 16.00             | 6       | 25.0 |    | 5.8  | 7.5  |    |    | 25.0             |        | 100  | 9004150000 |
| H16.0/32  | 16.00             | 6       | 32.0 |    | 5.8  | 7.5  |    |    | 32.0             |        | 100  | 9004160000 |
| H25.0/15  | 25.00             | 3       | 15.0 |    | 7.3  | 9.5  |    |    | 15.0             |        | 250  | 0124400000 |
| H25.0/18  | 25.00             | 3       | 18.0 |    | 7.3  | 9.5  |    |    | 18.0             |        | 100  | 0375300000 |
| H25.0/25  | 25.00             | 3       | 25.0 |    | 7.3  | 9.5  |    |    | 25.0             |        | 250  | 9004170000 |
| H25.0/32  | 25.00             | 3       | 32.0 |    | 7.3  | 9.5  |    |    | 32.0             |        | 100  | 9004180000 |
| H35.0/18  | 35.00             | 2       | 18.0 |    | 8.3  | 11.0 |    |    | 18.0             |        | 100  | 0368900000 |
| H35.0/25  | 35.00             | 2       | 25.0 |    | 8.3  | 11.0 |    |    | 25.0             |        | 100  | 9004190000 |
| H35.0/30  | 35.00             | 2       | 30.0 |    | 8.3  | 11.0 |    |    | 30.0             |        | 100  | 9451000000 |
| H35.0/32  | 35.00             | 2       | 32.0 |    | 8.3  | 11.0 |    |    | 32.0             |        | 100  | 9004200000 |
| H50.0/18  | 50.00             | 1       | 18.0 |    | 10.3 | 13.0 |    |    | 18.0             |        | 100  | 9004210000 |
| H50.0/25  | 50.00             | 1       | 25.0 |    | 10.3 | 13.0 |    |    | 25.0             |        | 100  | 9025880000 |
| H50.0/32  | 50.00             | 1       | 32.0 |    | 10.3 | 13.0 |    |    | 32.0             |        | 100  | 9004220000 |
| H70.0/25  | 70.00             | 2/0     | 25.0 |    | 12.5 | 15.0 |    |    | 25.0             |        | 50   | 9004230000 |
| H70.0/32  | 70.00             | 2/0     | 32.0 |    | 12.5 | 15.0 |    |    | 32.0             |        | 50   | 9004240000 |
| H95.0/25  | 95.00             | 3/0     | 25.0 |    | 14.5 | 17.0 |    |    | 25.0             |        | 50   | 9004250000 |
| H95.0/32  | 95.00             | 3/0     | 32.0 |    | 14.5 | 17.0 |    |    | 32.0             |        | 50   | 9004260000 |
| H120.0/32 | 120.00            | 4/0     | 32.0 |    | 16.5 | 19.0 |    |    | 32.0             |        | 25   | 9036240000 |
| H150.0/32 | 150.00            | 300 MCM | 32.0 |    | 18.5 | 21.0 |    |    | 32.0             |        | 25   | 9036250000 |
| H185.0/32 | 185.00            | 350 MCM | 32.0 |    | 20.0 | 23.5 |    |    | 32.0             |        | 25   | 9036260000 |



Tools

Tools for insulated cable lugs

| Tool    | Order No.  | 0.5 - 1.5 | Type of contact<br>1.5 - 2.5 | 4.0 - 6.0 |
|---------|------------|-----------|------------------------------|-----------|
| CTI 6   | 9006120000 | ●         | ●                            | ●         |
| CTI 6 S | 9006210000 | ●         | ●                            | ●         |
| HTI 15  | 9014400000 | ●         | ●                            | ●         |
| Station |            | red       | blue                         | yellow    |

Crimping tools for ferrules

|             | PZ 1.5     | stripax®<br>plus 2.5 | PZ 3       | PZ 4       | PZ 6<br>roto | PZ 6 HEX   | PZ 6/5     | PZ 16      | PZ 50      |
|-------------|------------|----------------------|------------|------------|--------------|------------|------------|------------|------------|
| Order No.   | 9005990000 | 9020000000           | 0567300000 | 9012500000 | 9014350000   | 9013650000 | 9011460000 | 9012600000 | 9006450000 |
| Ferrule mm² |            |                      |            |            |              |            |            |            |            |
| H 0.25      | ●          |                      |            |            | ●            | ●          | ●          |            |            |
| H 0.34      | ●          |                      |            |            | ●            | ●          | ●          |            |            |
| H 0.5       | ●          | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 0.75      | ●          | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 1.0       | ●          | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 1.5       | ●          | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 2.5       |            | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 4.0       |            |                      | ●          | ●          | ●            | ●          | ●          |            |            |
| H 6.0       |            |                      | ●          |            | ●            | ●          | ●          | ●          |            |
| H 10.0      |            |                      |            |            |              |            |            | ●          |            |
| H 16.0      |            |                      |            |            |              |            |            | ●          |            |
| H 25.0      |            |                      |            |            |              |            |            |            | ●          |
| H 35.0      |            |                      |            |            |              |            |            |            | ●          |
| H 50.0      |            |                      |            |            |              |            |            |            | ●          |

●<sup>1</sup> = ferrules in strip form only

Twin wire end ferrules are to be crimped according to the following table:

| Tool      | Order No.  | H 0.5   | H 0.75  | H 1.0   | H 1.5   | Ferrules<br>H 2.5 | H 4.0 | H 6.0 | H 10.0 | H 16.0 |
|-----------|------------|---------|---------|---------|---------|-------------------|-------|-------|--------|--------|
| PZ 1.5    | 9005990000 | ●       | ●       |         |         |                   |       |       |        |        |
| PZ 3      | 0567300000 | ●       | ●       | ●       | ●       | ●                 |       |       |        |        |
| PZ 4      | 9012500000 | ●       | ●       | ●       | ●       | ●                 |       |       |        |        |
| PZ 6 roto | 9014350000 | ●       | ●       | ●       | ●       | ●                 | ●     |       |        |        |
| PZ 6/5    | 9011460000 |         | ●       | ●       | ●       | ●                 | ●     |       |        |        |
| Station   |            | 1.5 mm² | 1.5 mm² | 2.5 mm² | 2.5 mm² | 4 mm²             | 6 mm² |       |        |        |
| PZ ZH 16  | 9013600000 |         |         |         |         |                   |       | ●     | ●      | ●      |



# Technical appendix

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## Technical appendix

|   |      |
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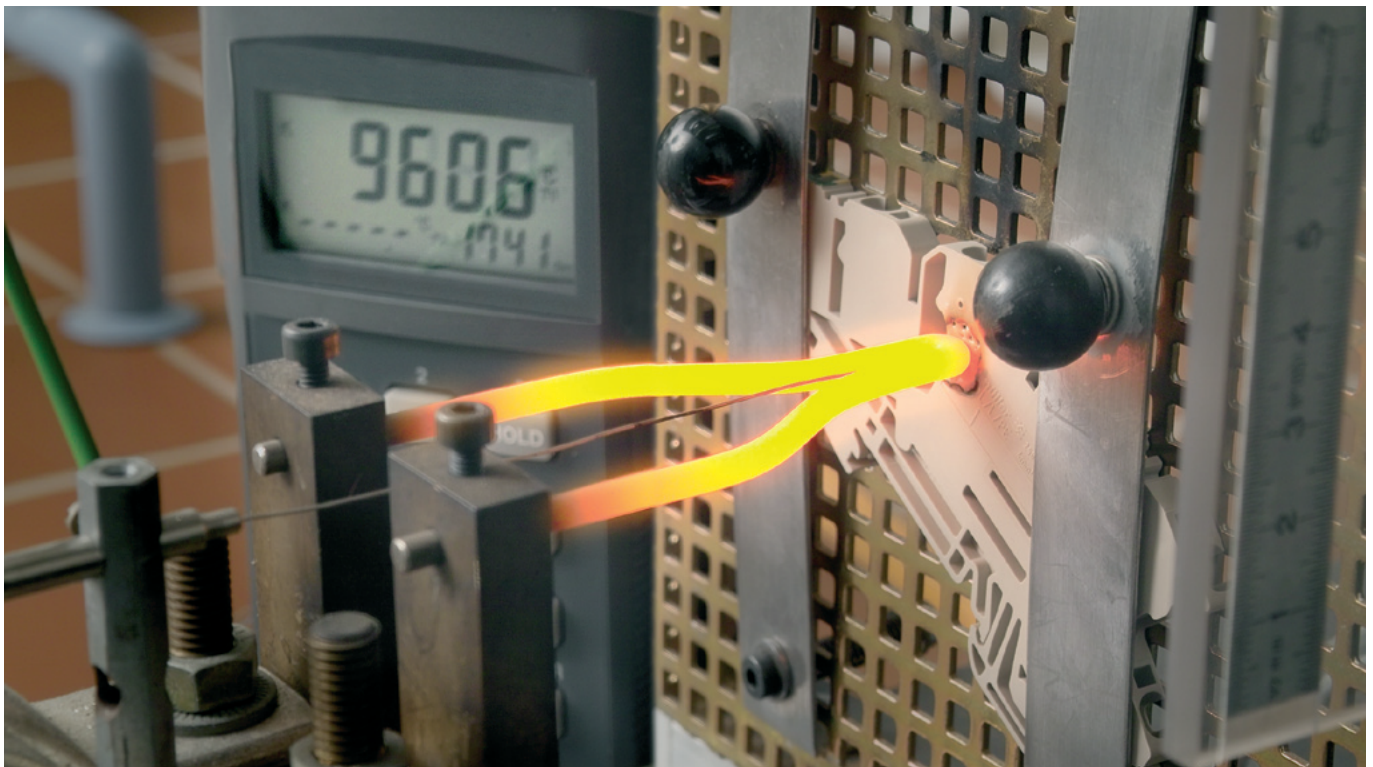
Materials

# Insulating materials

In order to always deliver to you first-class products, quality control is of the utmost importance to us. Beginning with our product quality management under ISO 9000 ff., and extending to the continuous monitoring by independent institutes. These control our production facilities, our quality management and our own laboratory. And so we benefit from total reliability and longevity!

### Accredited testing laboratories

The reliability of the technical data is of the utmost importance to the user. Our lab has DIN EN ISO/IEC accreditations from an external independent institution (the German Accreditation Body for Technology GmbH). This enables our lab to carry out certified tests for terminal blocks, connectors, and electronic equipment – including EMC and environmental impact tests. And so you can be sure that our products can be used throughout the world.



**Product approvals**

Approvals are proof of the quality of our products. The approvals are granted following performance tests carried out by independent institutions, and are the prerequisite for product use in certain markets or fields of applications.



**Certifications**

Quality management in the Weidmüller group of companies is based on ISO 9000 ff. Certified verification by accredited certification bodies makes it easier for you to judge suppliers.



# Insulating materials

In order to do justice to the most diverse requirements placed on our products, it is necessary to use different insulating materials tailored to the needs of the applications. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, the use of cadmium-free materials is very high on our agenda. Furthermore, our insulating materials contain neither pigments based on heavy metals nor any substances that lead to the formation of dioxin or furan.

|  | Ceramics  | Thermosetting plastics  |  |
|--|---|---|--|
| Plastic Abbreviation                       | Ceramics  | Gemin KrG   | Epoxy resin EP   |
|  | Ceramics are excellent materials for electrical engineering because they fulfill all the requirements. Ceramics are resistant to heat, fluids and sparks, and are tested for leakage currents. Thanks to their high mechanical strength, low losses and good heat resistance, these materials have a very high chemical stability and are preferred because of their very low wear. | Thermosetting plastics exhibit high dimensional stability, low water absorption, extremely good tracking resistance and excellent fire resistance.            | The continuous operating temperatures are higher than those of thermoplastics. At higher thermal loads the deformation resistance of thermosetting plastics is better than that of thermoplastics. |
|  | Insulating material   | Melamine resin moulding compound, MF type 150 (DIN EN ISO 14 528) inorganic filler  | Epoxy resin with inorganic filler  |
| Colour                                     | white   | medium yellow   | black  |
|  |   |   |   |
| Description                                | highest continuous operating temperature<br>high fire resistance<br>fluids-repellent<br>high tracking resistance<br>inherently flame-retardant  | high continuous operating temperature<br>high fire resistance<br>high tracking resistance<br>inherently flame-retardant<br>halogen-free flame-retardant agent | very good electrical properties<br>very high continuous operating temperature<br>resistant to high-energy radiation<br>halogen- and phosphor-free flame-retardant agent                            |
| Properties                                 |   |   |  |
| Specific volume resistance to IEC 60093    | $\Omega \times \text{cm}$   | -   | $10^{11}$  |
| Electric strength to IEC 60243-1           | kV / mm   | >10   | 10   |
| Tracking resistance (A) to IEC 60112       | CTI   | $\geq 600$  | $\geq 600$   |
| Upper max. permissible temperature         | °C  | 250   | 130  |
| Lower max. permissible temperature, static | °C  | -60   | -60  |
| Flamability class to UL 94                 |   | V-0 (5 V-B)   | V-0 (5 V-A)  |
| Fire behaviour to railway standard         |   |   |  |

Thermoplastics

| Wemid   | Polyamide PA  | Polyamide PAGF  | Polybutylene-terephthalate PBT   | Polycarbonate PC  |
|---|---|---|--|---|
| <p><b>Wemid</b> is a modified thermoplastic whose properties have been specially devised to suit the requirements of Weidmüller connectors. The advantages in comparison with PA are the better fire protection and the higher continuous operating temperature. Wemid fulfils the strict requirements placed on applications for railway rolling stock to NF F 16-101.</p> | <p><b>Polyamide (PA)</b> is one of the most common commercial plastics. The advantages of this material are its very good electrical and mechanical properties, its flexibility and resistance to breakage. Furthermore, owing to its chemical structure PA achieves good fire resistance even without the use of flame-retardant agents.</p> | <p><b>Glass fibre-reinforced polyamide (PAGF)</b> offers excellent dimensional stability and very good mechanical properties. That makes this material ideal for use in end brackets. Compared with unreinforced PA, this material can achieve UL 94 flammability class HB.</p> | <p><b>This thermoplastic polyester (PBT)</b> offers excellent dimensional stability (and is therefore ideal for plug-in connectors) and a high continuous operation temperature. But the tracking resistance is lower than other insulating materials.</p> |   |
| special Weidmüller insulating material  | insulating material   | insulating material   | with or without glass fibre reinforcement depending on application   | with or without glass fibre reinforcement depending on application  |
| <b>dark beige</b>   | <b>beige</b>  | <b>beige</b>  | <b>orange</b>  | <b>grey</b>   |
| <p>higher continuous operating temperature</p> <p>improved fire resistance</p> <p>halogen- and phosphor-free flame-retardant agent</p> <p>flame-retardant agent low smoke development in fire</p> <p>certified for railway applications to NF F 16-101</p>  | <p>flexible, virtually unbreakable</p> <p>good electrical and mechanical properties</p> <p>self-extinguishing behaviour</p> <p>halogen-free flame-retardant agent</p>   | <p>excellent dimensional stability</p> <p>very good mechanical properties</p> <p>halogen-free flame-retardant agent</p>   | <p>high dimensional stability</p> <p>good electrical and mechanical properties</p> <p>flame-retardant substances do not lead to the formation of dioxin or furan</p>   | <p>high dimensional stability</p> <p>high continuous operating temperature</p> <p>high electrical insulation capacity</p> <p>halogen-free flame-retardant agent</p> |
| 10 <sup>12</sup>  | 10 <sup>12</sup>  | 10 <sup>12</sup>  | 10 <sup>13</sup>   | 10 <sup>16</sup>  |
| 25  | 30  | 30  | 28   | ≥ 30  |
| 600   | 600   | 500   | 200  | ≥ 175   |
| 120   | 100   | 100   | 115 / 130  | 115 / 125   |
| -50   | -50   | -50   | -50  | -50   |
| V-0   | V-2   | HB  | V-0  | V-2 / V-0   |
| I2 / F2 *)  |   |   |  | I2 / F2   |
| *) also certified to LUL E 1042   |   |   |  |   |

# Design of clearances and creepage distances in electrical equipment – influencing factors

## Rated impulse withstand voltage

The rated impulse withstand voltage is derived from:

- **Voltage conductor – earth**  
(the rated voltage of the network, taking into account all networks)
- **Surge category**

**Table 1: Rated impulse withstand voltages for electrical equipment**

| Rated voltage of power supplies system *) in V |   | Rated impulse withstand voltage in kV   |   |  |   |
|--|---|---|---|--|---|
| Three-phase systems                            | Single-phase systems with neutral point | Electrical equipment at the supplies point of the installation<br><b>(Surge category IV)</b>                    | Electrical equipment as part of the permanent installation<br><b>(Surge category III)</b> | Electrical equipment to be connected to the permanent installation<br><b>(Surge category II)</b> | Specially protected electrical equipment<br><b>(Surge category I)</b> |
|  | 120 to 240                              | 4.00  | 2.50  | 1.50   | 0.80  |
| 230/400<br>277/480                             |   | 6.00  | 4.00  | 2.50   | 1.50  |
| 400/690  |   | 8.00  | 6.00  | 4.00   | 2.50  |
| 1000   |   | Values depend on the particular project of, if no values are available, the values of the preceding line apply. |   |  |   |
| *) to IEC 38                                   |   |   |   |  |   |

## Surge categories

are stipulated in accordance with the German standard DIN VDE 0110-1 (for electrical equipment fed directly from the low-voltage network).

### Surge category I

- Equipment that is intended to be connected to the permanent electrical installation of a building. Measures to limit transient surges to the specific level are taken outside the equipment, either in the permanent installation or between the permanent installation and the equipment.

### Surge category II

- Equipment to be connected to the permanent electrical installation of a building, e.g. household appliances, portable tools, etc.

### Surge category III

- Equipment that is part of the permanent electrical installation and other equipment where a higher degree of availability is expected, e.g. distribution boards, circuit-breakers, wiring systems (including cables, busbars, junction boxes, switches, power sockets) in the permanent installation, and equipment for industrial use and some other equipment, e.g. stationary motors with permanent connections to the permanent installation.

### Surge category VI

- Equipment for use at or near the power supplies in the electrical installations of buildings, between the principal distribution and the mains, e.g. electricity meters, circuit-breakers and centralised ripple controllers.

## Pollution severity categories

### Pollution severity category 1

- No pollution, or only dry, non-conductive pollution that has no influence.

### Pollution severity category 2

- Non-conductive pollution only; occasional condensation may cause temporary conductivity.

### Pollution severity category 3

- Conductive pollution, or dry, non-conductive pollution that is liable to be rendered conductive through condensation.

### Pollution severity category 4

- Contamination results in constant conductivity, e.g. caused by conductive dust, rain or snow.

Unless explicitly stated otherwise, the dimensioning of clearance and creepage distances and the resulting rating data for electromechanical products (terminals, terminal strips, PCB connection terminals and plug-in connectors) is based on pollution severity 3 and surge category III, taking account of all network types.

# Design of clearances and creepage distances in electrical equipment – influencing factors

## Rated voltage

The rated voltage is derived from the nominal voltage of the power supply and the corresponding network type.

### Single-phase 2- or 3-wire AC or DC systems

| Rated voltage of the power supply (mains) <sup>*)</sup> | Voltages for table 4                        |   |
|---|---|---|
|   | For insulation phase-to-phase <sup>1)</sup> | For insulation phase-to-earth <sup>1)</sup> |
|   | All systems                                 | 3-wire systems neutral pt. earthing         |
| <b>V</b>  | <b>V</b>                                    | <b>V</b>                                    |
| 12.5  | 12.5  | –   |
| 24 / 25   | 25  | –   |
| 30  | 32  | –   |
| 42 / 48 / 50 <sup>**)</sup>                             | 50  | –   |
| 60  | 63  | –   |
| 30–60   | 63  | 32  |
| 100 <sup>**)</sup>                                      | 100   | –   |
| 110 / 120   | 125   | –   |
| 150 <sup>**)</sup>                                      | 160   | –   |
| 220   | 250   | –   |
| 110–220   | 250   | 125   |
| 120–240   | –   | –   |
| 300 <sup>**)</sup>                                      | 320   | –   |
| 220–440   | 500   | 250   |
| 600 <sup>**)</sup>                                      | 630   | –   |
| 480–960   | 1000  | 500   |
| 1000 <sup>**)</sup>                                     | 1000  | –   |

### 3-phase 3- or 4-wire AC systems

| Rated voltage of the power supply (mains) <sup>*)</sup> | Voltages for table 4          |                               |  |
|---|-------------------------------|-------------------------------|--|
|   | For insulation phase-to-phase | For insulation phase-to-earth |  |
|   |                               | All systems                   | 3-phase 4-wire systems with earthed neutral wire <sup>2)</sup> |
| <b>V</b>  | <b>V</b>                      | <b>V</b>                      | <b>V</b>   |
| 60  | 63                            | 32                            | 63   |
| 110/120/127   | 125                           | 80                            | 125  |
| 150 <sup>**)</sup>                                      | 160                           | –                             | 160  |
| 208   | 200                           | 125                           | 200  |
| 220/230/240   | 250                           | 160                           | 250  |
| 300 <sup>**)</sup>                                      | 320                           | –                             | 320  |
| 380/400/415   | 400                           | 250                           | 400  |
| 440   | 500                           | 250                           | 500  |
| 480/500   | 500                           | 320                           | 500  |
| 575   | 630                           | 400                           | 630  |
| 600 <sup>**)</sup>                                      | 630                           | –                             | 630  |
| 660/690   | 630                           | 400                           | 630  |
| 720/830   | 800                           | 500                           | 800  |
| 960   | 1000                          | 630                           | 1000   |
| 1000 <sup>**)</sup>                                     | 1000                          | –                             | 1000   |

1) Phase-to-earth insulation levels for unearthed or impedance-earthed systems are equal to those of phase-to-phase because the operating voltage to earth of any phase can, in practice, reach full phase-to-phase voltage. This is because the actual voltage to earth is determined by the insulation resistance and capacitive reactance of each phase to earth; thus, a low (but acceptable) insulation resistance of one phase can earth it and raise the other two to full phase-to-phase voltage to earth.

2) For electrical equipment for use in both 3-phase 4-wire and 3-phase 3-wire supplies, earthed and unearthed, use the values for 3-wire systems only.

\*) It is assumed that the rated voltage of the electrical equipment is not lower than the nominal voltage of the power supply.

\*\*) Because of the common changes, the meaning of the \*\* symbol has not been used in table 1; i.e. the / symbol indicates a 4-wire 3-phase distribution system. The lower value is the phase-to-neutral voltage, while the higher value is the phase-to-phase voltage. Where only one value is indicated, it refers to 3-wire 3-phase systems and specifies the value phase-to-phase. The values given in table 1 are still taken into account in tables 3a and 3b by the \*\* symbol.

## Insulating material group

The insulating materials are divided into four groups depending on the comparative figures for creepage distance (CTI = comparative tracking index):

### Insulating material group

|       |                             |
|-------|-----------------------------|
| I     | $600 \leq \text{CTI}$       |
| II    | $400 \leq \text{CTI} < 600$ |
| III a | $175 \leq \text{CTI} < 400$ |
| III b | $100 \leq \text{CTI} < 175$ |

The comparative tracking index must be determined using special samples produced for this purpose with test solution A in compliance with IEC 60112 (DIN IEC 60112/DIN VDE 0303-1).

# IP class of protection to DIN EN 60529

The ingress protection class or IP rating is indicated by a code consisting of the two letters IP and two digits representing the class of protection.

Example: **IP 65**  
 | 2nd digit: protection from liquids  
 | 1st digit: protection from solid bodies

## Protection against intrusion of external particle matter (1st digit)

| ID number |  |  |
|-----------|--|--|
| 0         |  | No protection  |
| 1         |  | Protection against ingress of large solid bodies with diameter > 50 mm. (Protection to prevent dangerous parts being touched with the back of the hand.) |
| 2         |  | Protection against ingress of large solid bodies with diameter > 12.5 mm. (Protection to prevent dangerous parts being touched with the fingers.)        |
| 3         |  | Protection against ingress of large solid bodies with diameter > 2.5 mm. (Protection to prevent dangerous parts being touched with a tool.)              |
| 4         |  | Protection against ingress of large solid bodies with diameter > 1 mm. (Protection to prevent dangerous parts being touched with a piece of wire.)       |
| 5         |  | Protection against harmful deposits of dust, which cannot enter in an amount sufficient to interfere with satisfactory operation.                        |
| 6         |  | Complete protection against ingress of dust.   |

## Protection against penetration of liquids (2nd digit)

| ID number |  |  |
|-----------|--|--|
| 0         |  | No protection  |
| 1         |  | Protection against drops of condensed water falling vertically.  |
| 2         |  | Protection against drops of liquid falling at an angle of 15° with respect to the vertical.  |
| 3         |  | Protection against drops of liquid falling at an angle of 60° with respect to the vertical.  |
| 4         |  | Protection against liquids splashed from any direction.  |
| 5         |  | Protection against water jets projected by a nozzle from any direction.  |
| 6         |  | Protection against water from heavy sea on ships' decks.   |
| 7         |  | Protection against immersion in water under defined conditions of pressure and time.   |
| 8         |  | Protection against indefinite immersion in water under defined conditions of pressure (which must be agreed between manufacturer and user and must be more adverse than number 7). |

# Conversion table for AWG to mm<sup>2</sup> conductors

## AWG

**AWG** is the abbreviation for „**A**merican **W**ire **G**auge“. This designation bears no resemblance to the actual cross-section of the conductor.

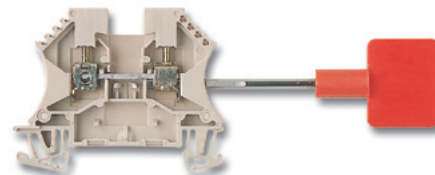
The relationship between AWG and mm<sup>2</sup> is shown in the following table.

| AWG | mm <sup>2</sup> |
|-----|-----------------|
| 28  | 0.08            |
| 26  | 0.13            |
| 24  | 0.21            |
| 22  | 0.22            |
| 20  | 0.52            |
| 19  | 0.65            |
| 18  | 0.82            |
| 17  | 1.04            |
| 16  | 1.31            |
| 15  | 1.65            |
| 14  | 2.08            |
| 13  | 2.63            |
| 12  | 3.31            |
| 11  | 4.17            |
| 10  | 5.26            |
| 9   | 6.63            |
| 8   | 8.37            |
| 7   | 10.55           |
| 6   | 13.30           |
| 5   | 16.77           |
| 4   | 21.15           |
| 3   | 26.67           |
| 2   | 33.63           |
| 1   | 42.41           |
| 0   | 53.48           |

## Plug gauge to IEC 60947-1

### Insertion of unprepared round conductors with the largest prescribed cross-section

Test with defined gauge, insertion simply under self-weight



| Conductor cross-section            |   | Plug gauge  |               |            |             |               |                                      |
|------------------------------------|---|-------------|---------------|------------|-------------|---------------|--------------------------------------|
|                                    |   | Form A      |               |            | Form B      |               |                                      |
|                                    |   |             |               |            |             |               |                                      |
| Flexible conductor mm <sup>2</sup> | Rigid conductor (solid or stranded) mm <sup>2</sup> | Designation | Diameter a mm | Width b mm | Designation | Diameter a mm | Permissible deviation for a and b mm |
| 1.5                                | 1.5   | A 1         | 2.4           | 1.5        | B 1         | 1.9           | 0 – 0.05                             |
| 2.5                                | 2.5   | A 2         | 2.8           | 2.0        | B 2         | 2.4           |                                      |
| 2.5                                | 4   | A 3         | 2.8           | 2.4        | B 3         | 2.7           |                                      |
| 4                                  | 6   | A 4         | 3.6           | 3.1        | B 4         | 3.5           | 0 – 0.06                             |
| 6                                  | 10  | A 5         | 4.3           | 4.0        | B 5         | 4.4           |                                      |
| 10                                 | 16  | A 6         | 5.4           | 5.1        | B 6         | 5.3           |                                      |
| 16                                 | 25  | A 7         | 7.1           | 6.3        | B 7         | 6.9           | 0 – 0.07                             |
| 25                                 | 35  | A 8         | 8.3           | 7.8        | B 8         | 8.2           |                                      |
| 35                                 | 50  | A 9         | 10.2          | 9.2        | B 9         | 10.0          |                                      |
| 50                                 | 70  | A 10        | 12.3          | 11.0       | B 10        | 12.0          | 0 – 0.08                             |
| 70                                 | 95  | A 11        | 14.2          | 13.1       | B 11        | 14.0          |                                      |
| 95                                 | 120   | A 12        | 16.2          | 15.1       | B 12        | 16.0          |                                      |
| 120                                | 150   | A 13        | 18.2          | 17.0       | B 13        | 18.0          |                                      |

# Connecting the terminals

## Cross-connections systems

Weidmüller can supply the cross-connections WQV and ZQV – fully insulated against electric shock – with various numbers of poles (2- to 20-pole). Please note that the rated voltage is reduced when using cross-connections.

Protection against electric shock is not provided at the ends of shortened cross-connections.

Such cross-connections must be used with partition plates or end plates in order to maintain the rated voltage.

## Leaf clamp conductor connection for large cross-sections

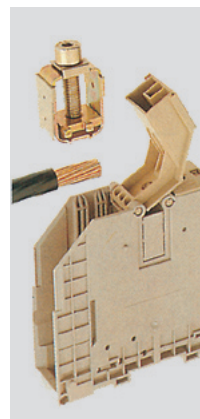
It is no longer the case that conductors with large cross-sections have to be forced into the clamping point. Instead, they can now be easily laid in the modular terminal.

In addition to the individual form, every type of terminal can also be supplied in the form of 3-, 4- and 5-pole blocks. All the blocks are permanently screwed together and therefore guarantee additional rigidity.

Direct mounting is possible thanks to the elongated holes on the underside of the terminals. Terminal blocks can be screwed directly to mounting plates with a 25 mm pitch.

The other advantages are:

- Constant force transfer through self-adjusting connection system
- Mounting in any direction
- Electric shock protection (finger-proof) to German standard VBG 4, also with cross-connections
- Extremely resistant to distortion



Open cover and remove screw assembly.



Insert conductor and replace screw assembly.



Close cover and tighten screw with Allen key.

# The use of aluminium conductors

Weidmüller modular terminals are suitable for the direct connection of **solid round and sector aluminium conductors**.

In contrast to copper, aluminium exhibits certain characteristics that must be taken into account when using this material as a conductor in electrical engineering.

A thin, non-conductive layer of oxide forms immediately on the unprotected surface of the aluminium as soon as it is exposed to the air.

This layer increases the contact resistance between the aluminium conductor and the current bar of the modular terminal. And that, in unfavourable conditions, can lead to poor contact.

And in stranded conductors the contact resistances of the individual strands are added together. Despite these disadvantages, aluminium conductors can be connected to Weidmüller modular terminals, provided the reduced rated currents for aluminium conductors and the following installation conditions are adhered to.

1. Scrape the stripped end of the conductor carefully, eg. with a knife, to remove the layer of oxide.

**Caution:** Do not use brushes, files or emery paper because particles of aluminium can be deposited on other conductors.

2. After removing the layer of oxide, coat the end of the conductor immediately with a neutral grease, e.g. acid- and alkali-free Vaseline, and connect it to the terminal immediately.

3. Repeat the above procedure if at any time the conductor is disconnected and reconnected.

4. The above installation instructions are valid for solid round or sector aluminium conductors only.

## Solid round and sector conductors

| Terminal type     | Rated cross-section | Reduced rated current when connecting an aluminium conductor | Clamping screw thread size | Tightening torque |
|-------------------|---------------------|--|----------------------------|-------------------|
| <b>W-Series</b>   | mm <sup>2</sup>     | „A“  |                            | Nm                |
| WDU 2.5           | 2.5                 | 20   | M 2.5                      | 0.5-0.8           |
| WDU 4             | 4                   | 27   | M 3                        | 0.6-1.0           |
| WDU 6             | 6                   | 35   | M 3.5                      | 1.2-1.6           |
| WDU 10            | 10                  | 48   | M 4                        | 2.0-2.4           |
| WDU 16            | 16                  | 64   | M 5                        | 3.0-4.0           |
| WDU 35            | 35                  | 105  | M 6                        | 4.0-6.0           |
| WDU 70            | 70                  | 163  | M 8                        | 10.0-12.0         |
| WDU 120           | 120                 | 230  | M 10                       | 15.0-20.0         |
| WDU 240           | 240                 | –  | M 10                       | 12.0-20.0         |
| <b>SAK-Series</b> |                     |  |                            |                   |
| SAK 2.5           | 2.5                 | 20   | M 2.5                      | 0.5-0.8           |
| SAK 4             | 4                   | 27   | M 3                        | 0.6-1.0           |
| SAK 6             | 6                   | 35   | M 3.5                      | 1.2-1.6           |
| SAK 10            | 10                  | 48   | M 4                        | 2.0-2.4           |
| SAK 16            | 16                  | 64   | M 4                        | 2.0-2.4           |
| SAK 35            | 35                  | 105  | M 6                        | 4.0-6.0           |

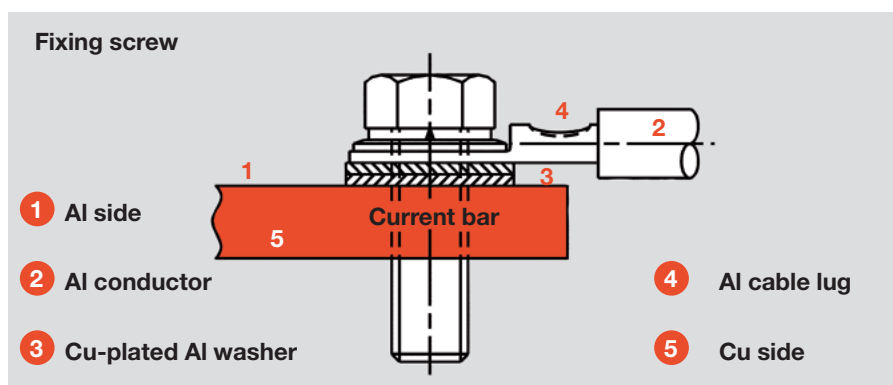
## Stranded conductors

| W-Series      |                     |                       |                            |                   |
|---------------|---------------------|-----------------------|----------------------------|-------------------|
| Terminal type | Rated cross-section | Reduced rated current | Clamping screw thread size | Tightening torque |
| WFF 35        | 35                  | 105                   | M 6                        | 3.0-6.0           |
| WFF 70        | 70                  | 163                   | M 8                        | 6.0-12.0          |
| WFF 120       | 120                 | 230                   | M 10                       | 10.0-20.0         |
| WFF 185       | 185                 | 300                   | M 12                       | 15.5-31.0         |
| WFF 300       | 300                 | 409                   | M 16                       | 30.0-60.0         |

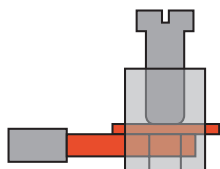
## Installation advice when using flat cable lugs

When tightening the terminal it is advisable to hold the conductor to prevent deformation of the terminal rail and to avoid twisting the foot of the terminal. When connecting **stranded aluminium conductors** to modular terminals, it is advisable to use an aluminium cable lug chosen to match the type of conductor and connected according to the instructions of the cable lug manufacturer. It is

necessary to fit a copper-plated aluminium washer between the aluminium cable lug and the copper current bar of the modular terminal. This is the only way of guaranteeing a reliable transition between the copper and the aluminium. Fit the washer in such a way that the copper side is in contact with the current bar, and the aluminium side in contact with the cable lug.

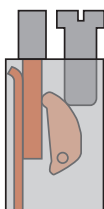


# Free choice of connection technology



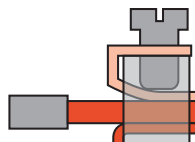
**Clamping yoke connection technology**

The **Weidmüller clamping yoke system** is an optimum combination of the specific properties of steel and copper. This clamping yoke system has proved its worth in billions of Weidmüller products over many decades. Both the clamping yoke and the clamping screw are made from hardened steel. This clamping yoke arrangement generates the necessary contact force. The clamping yoke presses the incoming conductor against a current bar made of copper or high-quality brass. The hardened Weidmüller clamping yoke ensures a gas-tight, vibration-resistant connection between conductor and current bar.



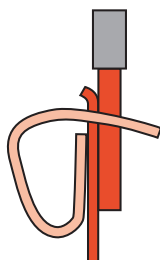
**TOP connection technology**

The Weidmüller **TOP connection system** ensures that the conductor can be inserted and the clamping screw tightened from the same direction. Such an arrangement eases the wiring work in certain installations, e.g. when there is little space at the sides in terminal boxes. The TOP connection system combines the specific properties of steel and copper. The hardened steel lever presses the conductor directly against a current bar made of copper or high-quality brass. The high contact force guarantees a gas-tight connection between conductor and current bar.



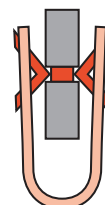
**Leaf spring connection technology**

Weidmüller's patented **leaf clamp connection system** is a screw connection system for large conductor cross-sections. The insertion of large conductors into the clamping point is made easier here by the fact that the clamping unit can be removed first. The conductor can then be placed directly on the current bar before re-inserting the clamping unit and tightening the screw to grip the conductor.



**Tension clamp connection technology**

The **Weidmüller tension clamp system** functions similarly to the tried-and-tested clamping yoke. Here again, the mechanical and electrical functions are kept separate. The spring made from high-quality rustproof and acid-proof steel pulls the conductor against the tin-plated copper current bar. Treating the copper in this way ensures low contact resistance and high corrosion resistance. The compensating effect of the spring ensures a secure contact for the lifetime of the terminal.



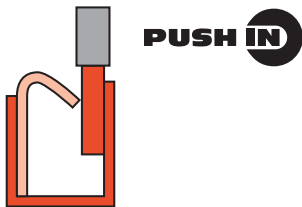
**IDC connection technology**

The **IDC connection technology** (Insulation Displacement Connection) is a type of connection for copper conductors that does not require the conductor to be prepared in any way – so no stripping and no crimping.

When connecting the conductor, the insulation of the conductor is penetrated and an electrically conductive contact between conductor and current bar produced at the same time.

The Weidmüller IDC principle, like Weidmüller's other types of connection, again keeps mechanical and electrical functions separate.

A spring made from rustproof stainless steel presses the current bar onto the conductor and therefore guarantees a low contact resistance and a gas-tight, vibration-resistant connection.



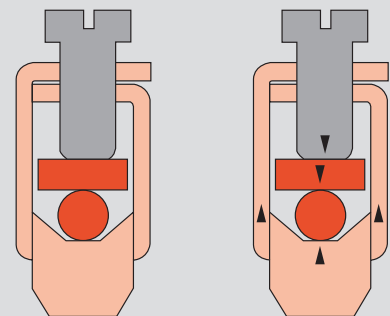
**Push In-Connection technology**

In the **Push In connection technology** the stripped solid conductor is simply inserted into the clamping point as far as it will go. And that completes the connection! No tools are required and the result is a reliable, vibration-resistant and gas-tight connection. Even flexible conductors with crimped wire end ferrules or ultrasonic-welded conductors can be connected without any problems. A stainless steel spring, which is fitted in a separate housing, guarantees a high contact force between the conductor and the current bar (tin-plated copper). The conductor pull-out force for this system is even higher than that for the tension clamp system. Spring stop plus conductor stop in a steel housing ensure optimum connection conditions and a guide for the screwdriver needed to detach the conductor.

**The principle of vibration resistance**

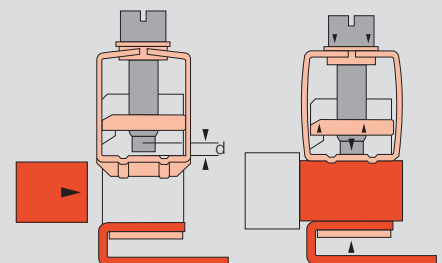
**Clamping yoke**

As the clamping screw is tightened, the ensuing force causes the upper threaded part to spring back and exert a locknut effect on the screw. The Weidmüller clamping yoke system is vibration-resistant. The relaxation of the conductor is compensated for by the elastic behaviour of the Weidmüller clamping yoke. It is therefore not necessary to retighten the clamping screw.



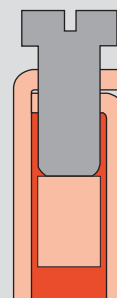
**Leaf clamp**

The distance “d” between the shaft of the clamping screw and the leaf clamp causes elastic deformation of the spring as the screw is tightened. The vibration resistance depends on the magnitude of the spring force of the leaf clamp, and this force also compensates for relaxation phenomena in the conductor. It is therefore not necessary to retighten the clamping screw.



**TOP**

Like with the clamping yoke, the force exerted by the steel lever as the screw is tightened forces apart the two threaded parts of the TOP connection. This exerts a locking effect on the screw and guarantees excellent vibration resistance.



# Regulations / definitions

## Terminals acc. to VDE 0611-1

This standard was published in Germany in August 1992:

VDE 0611-1 Low-voltage switchgear part 7: Ancillary equipment section 1 – Terminal blocks for copper conductors.

The contents of this standard correspond to the international standard:

IEC 60947-7-1:

1989 Low voltage switchgear and control gear part 7: Ancillary equipment section 1 – Terminal blocks for copper conductors

At the European level this standard has been ratified by CENELEC, making it valid in the following countries:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Holland, Iceland, Ireland, Italy, Luxembourg, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom

Combined application in order of priority:

IEC 60947-1

Low-voltage switchgear and control gear

part 1: General Rules EN 60947-1

VDE 0660 part 100

Low-voltage switchgear part 1:

General Rule

## Scope VDE 0611-1

(EN 60947-7-1)

(IEC 60947-7-1)

This standard stipulates the requirements for terminals with screwed or screwless terminal strips intended primarily for industrial or similar use, with the terminals fastened to a carrier to produce both electrical and mechanical connections between copper conductors. It applies to terminals used for connecting round copper conductors with a cross-section between 0.2 mm<sup>2</sup> and 300 mm<sup>2</sup> (AWG 24/600 kcmil), and for electronic circuits up to 1000 V AC 1000 Hz or up to 1500 V DC.

## Remarks:

This standard is also used as guide for special kinds of terminals (e.g. isolating terminals) for which no special standards are available.

## Terminals/ feed-through terminals

An insulating part which carries one or several mutually insulated terminal arrays intended for fastening to a carrier.

## Rated cross-section

The rated cross-section of a terminal is the cross-section of the conductor to be connected by the terminal as stated by the manufacturer. It is determined by certain thermal, mechanical and electrical requirements, and is one of the specifications marked on the terminal.

The rated cross-section is selected from the following standard cross-sections: 0.2 - 0.5 - 0.75 - 1.0 - 1.5 - 2.5 - 4.0 - 6.0 - 10 - 16 - 25 - 35 - 50 - 70 - 95 - 120 - 150 - 240 - 300 mm<sup>2</sup>.

The terminals have a rated connection capability, which is at least two stages smaller than the rated cross-section. The conductors may be solid, stranded or flexible and, if necessary, may have their ends pre-treated. The rated cross-section is verified using the gauges stipulated by VDE 0660 part 100 table 7 (see page W.14).

## Rated current

Each rated cross-section is assigned a particular test current stipulated by VDE 0611-1. At these rated currents, terminals are not subject to non-permissible increases in temperature:

|                 |      |     |     |     |
|-----------------|------|-----|-----|-----|
| mm <sup>2</sup> | 1.5  | 2.5 | 4.0 | 6.0 |
| A               | 17.5 | 24  | 32  | 41  |
| mm <sup>2</sup> | 10   | 16  | 25  | 35  |
| A               | 57   | 76  | 101 | 125 |
| mm <sup>2</sup> | 50   | 70  | 95  | 120 |
| A               | 150  | 192 | 232 | 269 |
| mm <sup>2</sup> | 150  | 185 | 240 | 300 |
| A               | 309  | 353 | 415 | 520 |

## Rated voltage

### VDE 0611-1 / VDE 0660 part 100

The rated voltage of a terminal is the rated insulation voltage to which the insulation tests and creepage distances refer. It is defined analogously to DIN VDE 0110-1, and is one of the specifications marked on the terminal.

## Rated surge voltage

### DIN VDE 0110-1 / VDE 0660 part 100

Peak values of a surge voltage which can be applied to the terminals and to which the clearance distances acc. to VDE 0660 part 100 or DIN VDE 0110-1 refer.

## Degree of soiling

### DIN VDE 0110-1 / VDE 0660 part 100

The degree of soiling stipulates the influence of solid, liquid or gaseous foreign particles, which may reduce the dielectric strength or specific surface resistance (see also page W.5).

Terminals for use in the industrial field of application are assigned degree of soiling 3: either conductive contamination may occur or, alternatively, dry, non-conductive contamination which becomes conductive in the likely event of condensation.

The minimum clearance distance is stipulated in combination with the rated surge voltage in VDE 0660 part 100 or DIN VDE 0110-1.

# The assembly of terminal rails

## Operating conditions

Terminals can be operated under the following normal conditions:

- Ambient temperature  $-5\text{ °C} \dots +40\text{ °C}$ , mean temperature 24 h  $+35\text{ °C}$
- Altitude up to 2000 m a.s.l.
- Relative humidity 50 % at  $+40\text{ °C}$ , 90 % at  $20\text{ °C}$ .

## CE mark

A EU directive stipulates that labelling with the CE mark is carried out by the manufacturer. The mark indicates to the state authorities that the item complies with the relevant directives. It thus guarantees free trade within Europe.

Conductor connectors from  $\geq 50\text{ V} \sim / 75\text{ V}$  comply with the basic safety requirements stated in the low-voltage directive 73/23/EEC (amended by 93/68/EEC). CE marking acc. to the marking directive 93/68/EEC has been mandatory since 1 January 1997.

It is affixed to the packaging.

Declarations of conformity are kept available for inspection by the relevant national supervisory agencies as part of the technical documentation.

## Mounting and end brackets

- Terminal strips mounted from left to right
- Closed side on the left, open side on the right
- Open side of the terminal always closed using end plates or partition plates (WAP/TW; ZAP/TW and IAP)
- End brackets placed at the beginning and end of the terminal strip
- End bracket not required next to PE terminals. Exceptions: WDK/PE and ZPE

## Combinations of different terminals

- End plates or partition plates (WAP/TW, ZAP/TW and IAP) must be used when the contour changes.
- For adjacent terminals with differing rated voltages, end plates or partition plates (WAP/TW, ZAP/TW and IAP) must be used in order that the respective rated voltages are adhered to.
- When the PE terminal is positioned next to or between corresponding feedthrough terminals of the same series and size, this does not influence the rated voltage or rated surge voltage of the feed-through terminals.

## Dimensions

The overall dimensions of the terminals with fastening parts are stipulated, but without tolerances. A mounting tolerance of 0.2 mm must be added to the terminal width when planning projects.

## Partition plate

The partition plate is necessary for visual separation of circuits or for electrical separation of neighbouring crossconnections.

## Partition disc

Partition discs can be retrofitted between cross connectors or sockets in terminals up to a max. terminal width of 12 mm.

## Compliance with the rated insulation voltage

The required stripping length for every Weidmüller product is stated in mm. These lengths, such as  $< 6\text{ mm} \pm 0.5\text{ mm}$ ,  $> 10\text{ mm} \pm 1\text{ mm}$ , must be adhered to. This also applies when using ferrules. The external dimensions of crimped ferrules must comply with IE 60947-1 (1999 version).

## Working on electrical connection elements with non-insulated screwdrivers

Work using non-insulated screwdrivers may only be carried out in disconnected systems.

The following five safety rules must be observed when disconnecting a system before beginning work and in order to ensure the system remains disconnected at the working site for the duration of this work:

- **Disconnect**
- **Secure to prevent the system from being switched on again**
- **Ascertain that the system is not live**
- **Earth and short circuit the system**
- **Cover or cordon off any neighbouring live parts**

These five rules constitute the safety precautions for working with electrical systems and equipment. The measures to be taken in accordance with operating and local conditions, e.g. for high- and low-voltage overhead lines, cables or switchgear, are stipulated in detail in VDE 0105 part 100.

## Live terminals which are not in use

Any terminals which are not in use and which could carry live voltage are to be fitted with suitable covers (e.g. ADP 1...4) to prevent them from being inadvertently touched. The clamping screws of terminals, which are not in use, even those that are not live, are to be screwed tight.

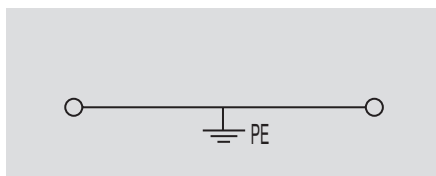
## VDE 0105 part 100

### Operation of electrical installations: Work

Troubleshooting with two-pole voltage detectors including voltage tester acc. to IEC 61243-3.

# Definitions of the various terminal types

## PE terminals

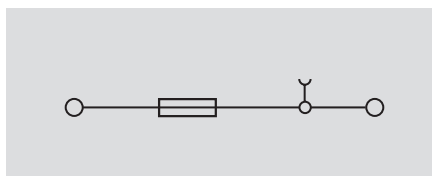


A PE terminal is a component with one or several clamping points for connecting and/or branching PE conductors (PE and PEN conductors) with a conductive connection to their mountings. Partly insulated PE terminals are insulated from adjacent live parts of terminals; the partial insulation is coloured green/yellow.

### Applications (IEC 60947-7-2)

This standard applies to PE terminals with PE function up to 120 mm<sup>2</sup> and to PE terminals with PEN function for sizes upwards of 10 mm<sup>2</sup> with clamping points with or without screws for connecting round copper conductors with a cross-section between 0.2 and 120 mm<sup>2</sup> (AWG 24/250 kcmil) for circuits up to 1000 Vac 1000 Hz or up to 1500 Vdc. PE terminals are used to produce the electrical and mechanical connections between copper conductors and the mounting.

## Fuse terminals



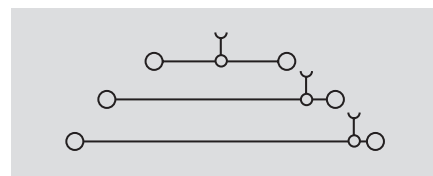
Fuse terminals consist of a terminal base and a cartridge fuse holder. In the case of fuse terminals for low-voltage cartridge fuses (D-system), the technical data are defined by IEC 60947-7-3 in conjunction with VDE 0636 part 301.

In the case of fuse terminals for device protection cartridge fuses, the technical data are defined by IEC 60947-7-3, which covers the range of applications of such products.

Fuse terminals for protecting devices are rated for a certain maximum power loss on the basis of IEC 60127-2, which covers G-type cartridge fuses.

The product pages contain details of the maximum power loss for individual or group arrangements for short-circuit and/or overload protection.

## Multi-level distribution terminals



A multi-level distribution terminal is a unit with clamping points for connecting and/or linking phase, neutral and PE conductors to their mountings with a conductive PE connection. They have several connection levels, all isolated from each other.

### Applications IEC 60947-7-1 / IEC 60947-7-2

### DIN VDE 0611-4 (partly)

These standards apply to multi-level distribution terminals with clamping points with/without screws for connecting or linking solid, stranded or flexible copper conductors. In distribution terminals, phase conductor and/or N and PE conductor connections are all realised in a compact space.

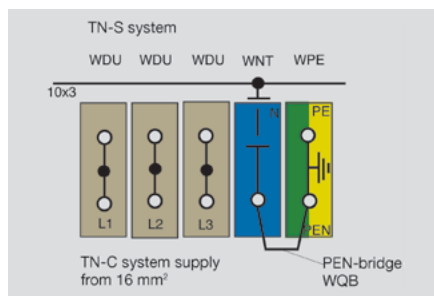
The N-conductor can be disconnected for insulation measurements; it is not used for disconnecting or switching.

## PEN function

According to IEC 60947-7-2, only copper terminal rails may be used for the PEN function. Steel terminal rails may not be used.

### Use of TS 35 x 15

In order to comply with the current-carrying ability required by IEC 60947-7-2, the TS 35 x 15 terminal rail must be used for PE terminals with a rated cross-section of 16 mm<sup>2</sup> and upwards.

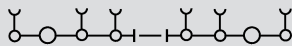


**N-conductor disconnect terminals**

A neutral-conductor disconnect terminal is a special type of test-disconnect terminal with lateral disconnection. It is connected to a neutral-conductor busbar. It will be covered in the scope of the IEC 60947-7-1 (2008 edition – Appendix D). The terminals are used for measuring the insulation resistance relative to the earth. They enable simple testing without the need to disconnect the neutral conductor.

**Dimensioning of clearance and creepage distances:**

400 V applies to  
 phase conductor–phase conductor  
 250 V applies to  
 phase conductor–N-conductor  
 phase conductor–PE conductor  
 N-conductor–PE conductor

**Test-disconnect terminals**

Test-disconnect terminals are used for the short-term separation of circuits in order to perform test and measurements in a no-voltage state. They will be covered in the scope of the IEC 60947-7-1 (2008 edition – Appendix D). The dimensions for the clearance and creepage distances of the opened disconnect points are not evaluated. However the rated surge voltage resistance (supplied by the manufacturer) must be verified at the opened disconnect point.

# ATEX terminals

**Confirmed according to the new  
European Ex-Directive 94/9/EC – ATEX –**

## Basic specifications

IEC 60947-7-1 (EN 60 947-7-1/ VDE 0611P:1) and IEC 60 947-7-2 (EN 60 947-7-2/ VDE 0611P:3) are the basic specifications for terminals, and also protective conductor terminals. For use in potentially explosive atmospheres the following standards also apply: EN 50 014 (IEC 60 079-0/VDE 0170/0171 P.1) and for increased safety “e” EN 50 019 (IEC 60 079-7/ VDE 0170/0171 P. 6). Ex terminals are so-called Ex-components according to EN 50014.

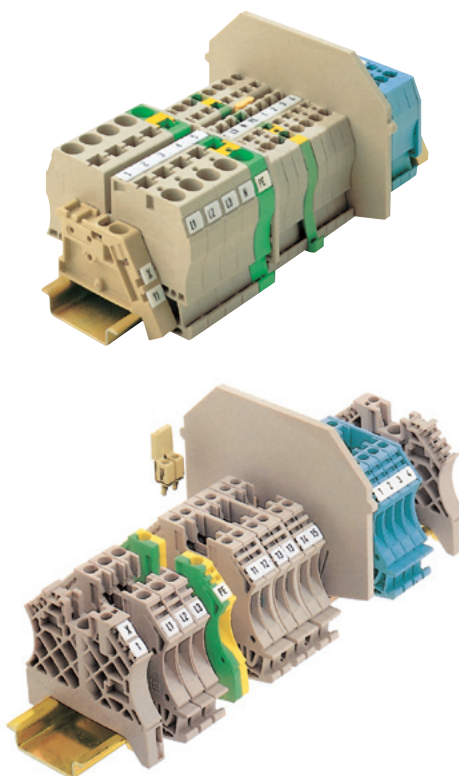
Components means any item essential to the safe functioning of equipment and protective systems, but with no autonomous function.

Components according to the ATEX-directive 94/9/EC are not marked with CE.

Ex terminals are certified for the type of protection increased safety “e”.

According to the directive 94/9/EC, the European notified bodies have been issuing Ex-type examination certificates of the so-called ATEX-Generation in accordance with EN 50014 / 50019 and the Ex directive 94/9/EC.

KEMA, the authorized notified body and publisher of the Production Quality Assurance Notification, has confirmed with this publication that the manufacturer meets the requirements of the ATEX Directive according to the appendices IV and VII. Copies of the EC-type examination certificates, the notification documents and the declaration of conformity are available on the Internet. The clamping yoke, tension clamp, IDC, and Push-In terminal connection systems offer increased protection against accidental loosening. They are designed and shaped so that the end strands from flexible wires do not require any preparation.



### Marking

**RL94/9EG:**  II 2 G-D

 Ex electrical equipment

II 2-G Equipment group II category 2 (zone 1 electrical equipment)

II 2-D Equipment group II category 2 (zone 21 electrical equipment)

**EN 60079-7:** Ex e II

Ex Explosion protection

e Increased safety

II Equipment group

**KEMA 97ATEX4677U** (Example)

KEMA Notified body

ATEX Conformity with 94/9/EG

U Component

## Confirmed according to the new European Ex-Directive 94/9/EC – ATEX –

### Electrical data

The specified values of the current carrying capacity are related to an ambient temperature of 40 °C. At rated current load (+ 10%), the temperature of the currentbar of the terminal increases by a maximum of 40 K.

Recognizing an additional factor of safety according to EN 50 014, gives the following results:

| Temperature class | Ambient temperature |
|-------------------|---------------------|
| T6                | -50 °C to +40 °C    |
| T5 to T1          | -50 °C to +55 °C    |

If the real ambient temperature is higher, the permitted operating current must be reduced accordingly. As defined in EN 50 014, the continuous operating temperature for Wemid and KrG is 100 °C, for PA material 80 °C.

### Accessories

The accessories listed in the tables can be used, and are listed in the Ex certifications. To maintain the creepage and clearance distances for “e”, end plates or partitions should be used, as specified in the table.

### Design for Ex i

Terminals for “i” intrinsically-safe circuits are passive components. Therefore, there is no requirement for certification when being used in intrinsically safe circuits. The terminals are light blue to ensure clear identification and easy recognition. The construction type of these terminals must comply with EN 60079-11.

You may request additional information from Weidmüller concerning the use of our terminals in intrinsically-safe circuits.

### Accessories

The listed accessory can be used. It must comply with EN 60079-11.

### Mounting

The general statements also apply here for Ex i applications. Additionally, the Ex i requirements always apply to the complete circuit, therefore also for parts in nonpotentially explosive atmospheres.

### Clampability of 2 conductors in Ex e

With our W series of terminals, it is normally permitted to connect two wires per terminal point. It is, however, necessary to use the next size down from the rated wire cross-section.

## Current carrying capacity of cables and conductors

| Cross-section | VDE 0298 Part 4 (IEC364-5-523)<br>Current carrying capacity of conductors        |  | EN 50019 2nd. edition<br>Increased-safety type of protection connection terminals<br>Ambient temperature 40 °C<br>40 K rise<br>Current equivalent to connect conductor<br>A |
|---------------|--|--|---|
|               | Ambient temperature 30 °C<br>Routing type C + 3<br>for PVC 70 °C conductors<br>A | Ambient temperature 40 °C<br>Factor 0.87<br>Routing type C + 3<br>for PVC 70 °C conduct<br>A |   |
| 1.5           | 17.5   | 15.225   | 15  |
| 2.5           | 24   | 20.88  | 21  |
| 4             | 32   | 27.84  | 28  |
| 6             | 41   | 35.67  | 36  |
| 10            | 57   | 49.59  | 50  |
| 16            | 76   | 66.12  | 66  |
| 25            | 101  | 87.87  | 88  |
| 35            | 125  | 108.75   | 109   |
| 50            | 150  | 130.5  | 131   |
| 70            | 192  | 167.04   | 167   |
| 90            | 232  | 201.84   | 202   |
| 120           | 269  | 234.03   | 234   |
| 150           | 309  | 268.83   | 267   |
| 185           | 353  | 307.11   | 307   |
| 240           | 415  | 361.05   | 361   |
| 300           | 520  | 452.4  | 452   |

The current carrying capacity of cables and conductors in the installation is normally specified at 30 °C ambient temperature according to VDE 0298 Part 4.

At 40 °C, the operating current shall be reduced by a factor of 0.87.

# ATEX directives

Since July 1, 2003, all new facilities in explosion risk zones must be certified according to ATEX Directive 94/9/EG or ATEX 95 (ATEX: ATmosphère EXplosive = explosive atmosphere). This directive is one of the „New Approach“ directives. It is valid in all European Union countries, as well as Iceland, Lichtenstein and Norway. In these countries, the directive refers to the sale and commissioning of products which have been designed particularly for high explosion risk environments (where explosive atmospheres exist due to gases, vapours, mists, or dusts). It now also covers the mining sector and purely mechanical devices.

## Class of protection

| Type of protection    | Code | CENELEC EN | IEC      | Product category explosion protect. |
|-----------------------|------|------------|----------|-------------------------------------|
| General requirements  | –    | 60079-0    | 60079-0  | –                                   |
| Oil immersion         | o    | 60079-6    | 60079-6  | 2                                   |
| Pressurised apparatus | p    | 60079-2    | 60079-2  | 2                                   |
| Powder filling        | q    | 60079-5    | 60079-5  | 2                                   |
| Flameproof enclosure  | d    | 60079-1    | 60079-1  | 2                                   |
| Increased safety      | e    | 60079-7    | 60079-7  | 2                                   |
| Intrinsic safety      | ia   | 60079-11   | 60079-11 | 1                                   |
| Intrinsic safety      | ib   | 60079-11   | 60079-11 | 2                                   |
| Intrinsic safety      | ic   | 60079-11   | 60079-11 | 3                                   |
| Type n (Ex n)         | n    | 60079-15   | 60079-15 | 3                                   |
| Encapsulation         | m    | 60079-18   | 60079-18 | 2                                   |

## Classification for potentially explosive areas

| CENELEC classification IEC60079-10 | Presence of potentially explosive atmosphere | Product category | US classification NEC 500 | Combustible media |
|------------------------------------|--|------------------|---------------------------|-------------------|
| Zone 0                             | permanent, long-term                         | 1G               | Class I, Div 1            | gases, vapours    |
| Zone 20                            | or frequently                                | 1D               | Class II, Div 1           | dust              |
| Zone 1                             | occasionally                                 | 2G               | Class I, Div 1            | gases, vapours    |
| Zone 20                            |  | 2D               | Class II, Div 1           | dust              |
| Zone 2                             | rarely and                                   | 3G               | Class I, Div 2            | gases, vapours    |
| Zone 22                            | briefly                                      | 3D               | Class II, Div 2           | dust              |

## Explosion groups

| Gas (e.g.)       | CENELEC | NEC 500       |
|------------------|---------|---------------|
| Propane          | IIA     | D             |
| Ethylene         | IIB     | C             |
| Hydrogen         | IIC     | B             |
| Acetylene        | IIC     | A             |
| Methane (mining) | I       | mining (MSHA) |

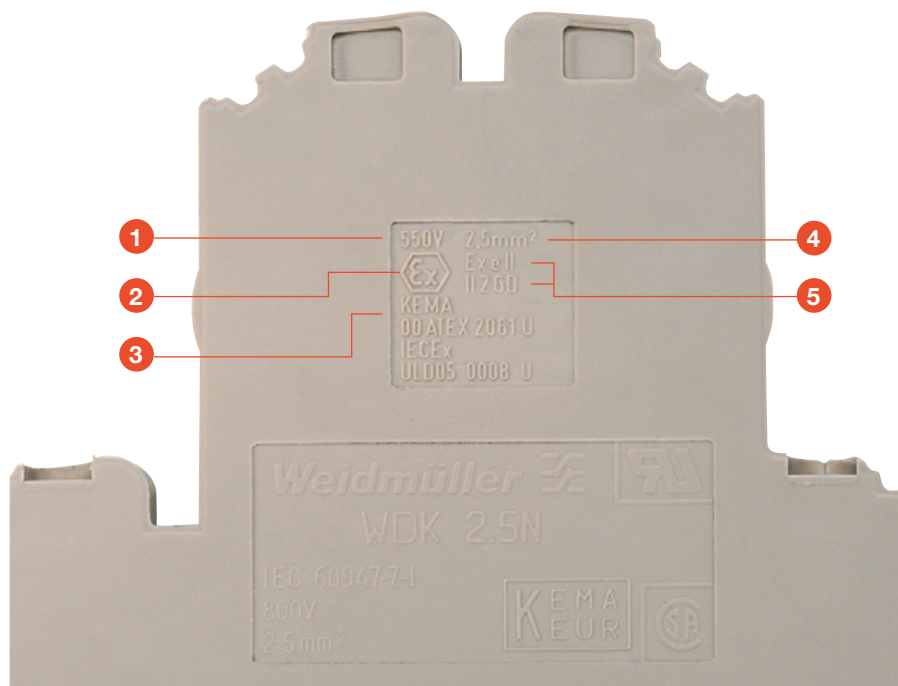
## Temperature classes

| Max. surface temperature (°C) | Temperature class CENELEC | Temperature class NEC 500-3 |
|-------------------------------|---------------------------|-----------------------------|
| 450                           | T1                        | T1                          |
| 300                           | T2                        | T2                          |
| 280                           | –                         | T2A                         |
| 260                           | –                         | T2B                         |
| 230                           | –                         | T2C                         |
| 215                           | –                         | T2D                         |
| 200                           | T3                        | T3                          |
| 180                           | –                         | T3A                         |
| 165                           | –                         | T3B                         |
| 160                           | –                         | T3C                         |
| 135                           | T4                        | T4                          |
| 120                           | –                         | T4A                         |
| 100                           | T5                        | T5                          |
| 85                            | T6                        | T6                          |

# ATEX codes

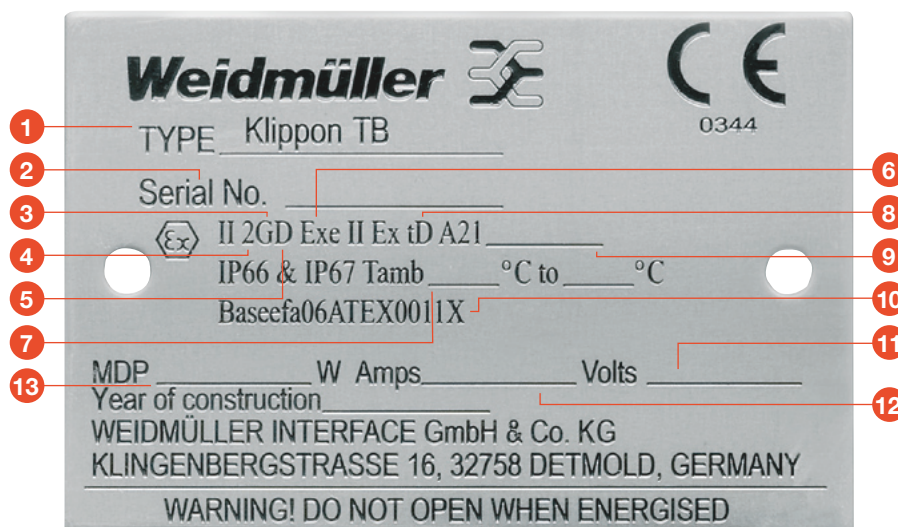
## Example of marking – modular terminal WDK 4 N V

- 1 • Rated voltage
- 2 • European symbol for explosion protection
- 3 • Certificate number
- 4 • Rated conductor cross-section
- 5 • CENELEC protection type “e” group II (gases, vapours, mists)
  - Product category 2 – for use in zone 1 or 2
  - Approved for use in gases “G” and dusts “D”



## Example of marking – enclosure fitted with components for enhanced safety

- 1 • Type designation
- 2 • Serial number
- 3 • Approved for use in gases “G”
- 4 • Product category 2 – for use in zone 1 or 2
- 5 • Approved for use in dusts “D”
- 6 • CENELEC protection type “e” – increased safety
- 7 • Ambient temperature range deviating from the standard
- 8 • CENELEC protection type tD
- 9 • Temperature class, e.g. T6 (gas), and max. surface temperature (dust) (for example T6 T85 °C)
- 10 • Certificate number
- 11 • Rated voltage
- 12 • Rated current
- 13 • Power loss

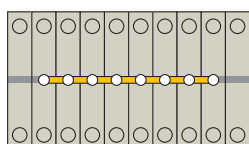


# ATEX cross-connection instructions

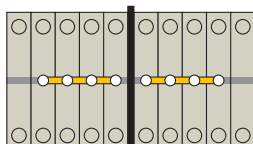
## Arrangements of terminals and cross-connections

The maximum voltages for Ex e applications given below are determined on the basis of the terminals used, their cross-connections and which of the arrangements (A to J) is used.

### A Continuous

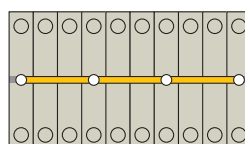


### C Adjacent (used with QV) separated with a partition

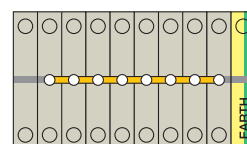


### D Bypassing

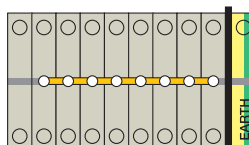
bridging one or several unconnected terminals (e.g. every third)



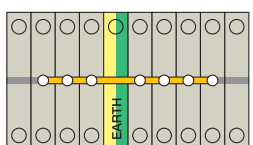
### E Adjacent to a PE terminal (earth) Without partition



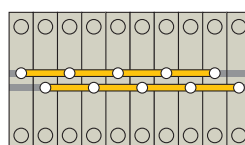
### F Adjacent to a PE terminal (earth) with partition



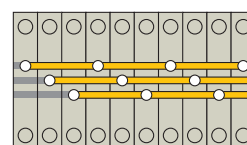
### G Bypassing a PE terminal (earth)



### H 2 parallel cross-connections



### I 3 parallel cross-connections



## Maximum voltage

| Range <sup>1)</sup> | Certificate No.      | Rated voltage / V | Rated current / A | Rated current with QV / A | Nominal cross-section / mm <sup>2</sup> |
|---------------------|----------------------|-------------------|-------------------|---------------------------|---|
| <b>AKZ...</b>       |                      |                   |                   |                           |   |
| AKZ 1.5             | SIRA 02ATEX3001 U    | 176               | 15                | 15                        | 1.5                                     |
| AKZ 2.5             | SIRA 02ATEX3001 U    | 176               | 21                | 21                        | 2.5                                     |
| AKZ 4               | SIRA 02ATEX3001 U    | 275               | 28                | 28                        | 4                                       |
| <b>BK...</b>        |                      |                   |                   |                           |   |
| BK 2/E ... BK 12/E  | SIRA 01ATEX3247 U    | 275               | 28                | 25                        | 4                                       |
| <b>DK 4 ...</b>     |                      |                   |                   |                           |   |
| DK 4                | SIRA 02ATEX3316 U    | 275               | 28                | 21                        | 4                                       |
| DK 4Q               | SIRA 02ATEX3316 U    | 275               | 28                | 21                        | 4                                       |
| DK 4QV              | SIRA 02ATEX3316 U    | 275               | 28                | 21                        | 4                                       |
| <b>I ... Series</b> |                      |                   |                   |                           |   |
| IDK 1.5N            | KEMA 02ATEX2241 U    | 275               | 15                | 15                        | 1.5                                     |
| IDK 1.5N/V          | KEMA 02ATEX2241 U    | 275               | 15                | 15                        | 1.5                                     |
| IDU 1.5N            | KEMA 02ATEX2241 U    | 275               | 15                | 15                        | 1.5                                     |
| IDU 1.5N/2x2AN      | KEMA 02ATEX2241 U    | 275               | 15                | 15                        | 1.5                                     |
| IDU 1.5N/ZF         | KEMA 02ATEX2241 U    | 275               | 15                | 15                        | 1.5                                     |
| IDU 1.5N/3AN/ZF     | KEMA 02ATEX2241 U    | 275               | 15                | 15                        | 1.5                                     |
| IDU 1.5N/ZB         | KEMA 02ATEX2241 U    | 275               | 15                | 15                        | 1.5                                     |
| IDU 1.5N/3AN/ZB     | KEMA 02ATEX2241 U    | 275               | 15                | 15                        | 1.5                                     |
| IDU 2.5N            | DEMKO 03ATEX134054 U | 550               | 21                | 21                        | 2.5                                     |
| IDU 2.5N/3AN        | DEMKO 03ATEX134054 U | 550               | 21                | 21                        | 2.5                                     |
| IDU 2.5N/4AN        | DEMKO 03ATEX134054 U | 550               | 21                | 21                        | 2.5                                     |
| IDU 2.5N/2x2AN      | DEMKO 03ATEX134054 U | 550               | 21                | 21                        | 2.5                                     |
| IDU 2.5N/ZF         | DEMKO 03ATEX134054 U | 550               | 21                | 21                        | 2.5                                     |
| IDU 2.5N/ZB         | DEMKO 03ATEX134054 U | 550               | 21                | 21                        | 2.5                                     |
| <b>MK ...</b>       |                      |                   |                   |                           |   |
| MK 3/.../E          | SIRA 01ATEX3248U     | 275               | 21                | 21                        | 2.5                                     |
| MK 6/.../E          | SIRA 01ATEX3249U     | 440               | 36                | 36                        | 6                                       |

<sup>1)</sup> Please refer to the catalogue and the certificate for details of precisely which article is approved.

| Maximum voltage (V)                   |     |     |     |     |     |     |    |
|---------------------------------------|-----|-----|-----|-----|-----|-----|----|
| (letters refer to the above diagrams) |     |     |     |     |     |     |    |
| A                                     | C   | D   | E   | F   | G   | H   | I  |
| 176                                   | 176 | --  | 176 | 176 | --  | --  | -- |
| 176                                   | 176 | --  | 176 | 176 | --  | --  | -- |
| 275                                   | 275 | --  | 275 | 275 | --  | --  | -- |
| 176                                   | --  | --  | --  | --  | --  | --  | -- |
| 275                                   | 275 | --  | 275 | 275 | --  | --  | -- |
| 275                                   | 275 | --  | 275 | 275 | --  | --  | -- |
| 275                                   | 275 | --  | 275 | 275 | --  | --  | -- |
| 275                                   | 275 | 275 | --  | --  | --  | --  | -- |
| 275                                   | 275 | 275 | --  | --  | --  | --  | -- |
| 275                                   | 275 | 275 | 275 | 275 | 275 | 275 | -- |
| 275                                   | 275 | 275 | 275 | 275 | 275 | 275 | -- |
| 275                                   | 275 | 275 | 275 | 275 | 275 | 275 | -- |
| 275                                   | 275 | 275 | 275 | 275 | 275 | 275 | -- |
| 550                                   | 550 | 550 | 550 | 550 | 550 | --  | -- |
| 550                                   | 550 | 550 | 550 | 550 | 550 | --  | -- |
| 550                                   | 550 | 550 | 550 | 550 | 550 | --  | -- |
| 550                                   | 550 | 550 | 550 | 550 | 550 | --  | -- |
| 550                                   | 550 | 275 | 550 | 550 | 275 | --  | -- |
| 550                                   | 550 | 275 | 550 | 550 | 275 | --  | -- |
| 176                                   | --  | --  | --  | --  | --  | --  | -- |
| 275                                   | --  | --  | --  | --  | --  | --  | -- |

## Maximum voltage

| Range <sup>1)</sup>          | Certificate No.    | Rated voltage | Rated current | Rated current with QV | Nominal cross-section |
|------------------------------|--------------------|---------------|---------------|-----------------------|-----------------------|
| P ...                        |                    | / V           | / A           | / A                   | / mm <sup>2</sup>     |
| PDU 2.5/4                    | KEMA 06ATEX0177U   | 550           | 29            | 25.5                  | 4                     |
| PDU 2.5/4/3AN                | KEMA 06ATEX0177U   | 550           | 29            | 25.5                  | 4                     |
| PDU 2.5/4/4AN                | KEMA 06ATEX0177U   | 550           | 29            | 26.5                  | 4                     |
| PDU 6/10                     | KEMA 06ATEX0177U   | 550           | 37            | 26.5                  | 6                     |
| PDU 6/10/3AN                 | KEMA 06ATEX0177U   | 550           | 36.5          | 29.5                  | 6                     |
| PDU 16                       | KEMA 06ATEX0177U   | 550           | 59            | 57.5                  | 16                    |
| PEI 16                       | KEMA 06ATEX0177U   | 550           | 66.5          | 25 (37) <sup>4)</sup> | 16                    |
| <b>SAK ...TS 32/TS 35</b>    |                    |               |               |                       |                       |
| SAK 2.5                      | KEMA 97ATEX1798 U  | 550           | 21            | 21                    | 2.5                   |
| SAK 4                        | KEMA 97ATEX1798 U  | 550           | 28            | 28                    | 4                     |
| SAK 6N                       | KEMA 97ATEX1798 U  | 550           | 36            | 36                    | 6                     |
| SAK 10                       | KEMA 97ATEX1798 U  | 550           | 50            | 50                    | 10                    |
| SAK 16                       | KEMA 97ATEX1798 U  | 690           | 66            | 66                    | 16                    |
| SAK 35                       | KEMA 97ATEX1798 U  | 550           | 109           | 99                    | 35                    |
| <b>SAK ... EN on TS32</b>    |                    |               |               |                       |                       |
| SAK 2.5 EN                   | KEMA 97ATEX1798 U  | 440           | 21            | 21                    | 2.5                   |
| SAK 4 EN                     | KEMA 97ATEX1798 U  | 440           | 28            | 28                    | 4                     |
| SAK 6N EN                    | KEMA 97ATEX1798 U  | 440           | 36            | 36                    | 6                     |
| SAK 10 EN                    | KEMA 97ATEX1798 U  | 440           | 50            | 50                    | 10                    |
| SAK 16 EN                    | KEMA 97ATEX1798 U  | 440           | 66            | 66                    | 16                    |
| SAK 35 EN                    | KEMA 97ATEX1798 U  | 440           | 109           | 109                   | 35                    |
| <b>SAK ... EN on TS35</b>    |                    |               |               |                       |                       |
| SAK 2.5 EN                   | KEMA 97ATEX1798 U  | 690           | 21            | 21                    | 2.5                   |
| SAK 4 EN                     | KEMA 97ATEX1798 U  | 690           | 28            | 28                    | 4                     |
| SAK 6N EN                    | KEMA 97ATEX1798 U  | 690           | 36            | 36                    | 6                     |
| SAK 10 EN                    | KEMA 97ATEX1798 U  | 690           | 50            | 50                    | 10                    |
| SAK 16 EN                    | KEMA 97ATEX1798 U  | 690           | 66            | 66                    | 16                    |
| SAK 35 EN                    | KEMA 97ATEX1798 U  | 690           | 109           | 109                   | 35                    |
| <b>SAK 4 EP/SAKH 6-35 EP</b> |                    |               |               |                       |                       |
| SAK 4 EP/SW                  | KEMA05ATEX2061U    | 550           | 32            | 32                    | 4                     |
| SAKH 6 EP/SW                 | KEMA05ATEX2061U    | 1100          | 57            | 57                    | 10                    |
| SAKH 10 EP/SW                | KEMA05ATEX2061U    | 1100          | 57            | 57                    | 10                    |
| SAKH 35 EP/SW                | KEMA05ATEX2061U    | 1100          | 125           | 125                   | 35                    |
| <b>SAKK ...</b>              |                    |               |               |                       |                       |
| SAKK 4                       | SIRA 03 ATEX3425 U | 275           | 28            | 28                    | 4                     |
| SAKK 10                      | SIRA 03 ATEX3425 U | 275           | 50            | 50                    | 10                    |
| <b>W ...</b>                 |                    |               |               |                       |                       |
| WDK 1.5/R3.5                 | KEMA 99ATEX6545 U  | 275           | 14            | 11                    | 1.5                   |
| WDK 2.5                      | KEMA 98ATEX1687 U  | 275           | 21            | 21                    | 2.5                   |
| WDK 2.5V                     | KEMA 98ATEX1687 U  | 275           | 21            | 21                    | 2.5                   |
| WDK 2.5DU-PE                 | KEMA 98ATEX1687 U  | 275           | 21            | 21                    | 2.5                   |
| WDK 2.5/EX                   | KEMA 98ATEX1687 U  | 440           | 24            | 22                    | 2.5                   |
| WDK 2.5N                     | KEMA 00ATEX2061 U  | 550           | 21            | 21                    | 2.5                   |
| WDK 2.5N V                   | KEMA 00ATEX2061 U  | 550           | 21            | 21                    | 2.5                   |
| WDK 4N                       | KEMA 00ATEX2061 U  | 550           | 28            | 28                    | 4                     |
| WDK 4N V                     | KEMA 00ATEX2061 U  | 550           | 28            | 28                    | 4                     |
| WDU 1.5/ZZ                   | KEMA 98ATEX1685 U  | 550           | 15            | 15                    | 1.5                   |
| WDU 2.5/1.5/ZR               | KEMA 98ATEX1685 U  | 550           | 15            | 15                    | 1.5                   |
| WDU 1.5/R3.5                 | KEMA 99ATEX6545 U  | 275           | 15            | 11                    | 1.5                   |
| WDU 2.5N                     | KEMA 98ATEX1683 U  | 440           | 21            | 21                    | 2.5                   |
| WDU 2.5                      | KEMA 98ATEX1683 U  | 550           | 21            | 21                    | 2.5                   |
| WDU 4                        | KEMA 98ATEX1683 U  | 690           | 28            | 28                    | 4                     |
| WDU 4N                       | TÜV 04ATEX2630 U   | 440           | 27            | 27                    | 4                     |
| WDU 6                        | KEMA 98ATEX1683 U  | 550           | 36            | 36                    | 6                     |
| WDU 10                       | KEMA 98ATEX1683 U  | 550           | 50            | 50                    | 10                    |
| WDU 16                       | KEMA 98ATEX1683 U  | 690           | 66            | 66                    | 16                    |
| WDU 35                       | KEMA 98ATEX1683 U  | 690           | 109           | 109                   | 35                    |
| WDU 50N                      | KEMA 98ATEX1683 U  | 690           | 126           | 126                   | 50                    |
| WDU 70N                      | KEMA 98ATEX1683 U  | 690           | 167           | 167                   | 70                    |
| WDU 70/95                    | KEMA 98ATEX1686 U  | 690           | 202           | 202                   | 95                    |

<sup>1)</sup> Please refer to the catalogue and the certificate for details of precisely which article is approved.<sup>4)</sup> For PDU 2.5/4 and ZQV 2.5 cross-connection: 25 A; For PDU 6/10 and ZQV 6N cross-connection: 37 A

| Maximum voltage (V)                   |      |     |      |      |     |                   |                  |
|---------------------------------------|------|-----|------|------|-----|-------------------|------------------|
| (letters refer to the above diagrams) |      |     |      |      |     |                   |                  |
| A                                     | C    | D   | E    | F    | G   | H                 | I                |
| 275                                   | 550  | 176 | 275  | 275  | 176 | 176               |                  |
| 275                                   | 550  | 176 | 275  | 275  | 176 | 176               |                  |
| 275                                   | 550  | 176 | 275  | 275  | 176 | 176               |                  |
| 550                                   | 550  | 275 | 550  | 550  | --  | 220               |                  |
| 550                                   | 550  | 275 | 550  | 550  | --  | 220               |                  |
| 275                                   | 550  | --  | 275  | 275  | --  | 110               |                  |
| 275                                   | --   | --  | --   | --   | --  | --                |                  |
| 550                                   | 550  | 176 | 550  | 550  | --  | --                | --               |
| 550                                   | 550  | 176 | 550  | 550  | --  | --                | --               |
| 550                                   | 550  | 176 | 550  | 550  | --  | --                | --               |
| 550                                   | 550  | 176 | 550  | 550  | --  | --                | --               |
| 550                                   | 550  | 176 | 550  | 550  | --  | --                | --               |
| 440                                   | 440  | 440 | 440  | 440  | --  | --                | --               |
| 440                                   | 440  | 440 | 440  | 440  | --  | --                | --               |
| 440                                   | 440  | 440 | 440  | 440  | --  | --                | --               |
| 440                                   | 440  | 440 | 440  | 440  | --  | --                | --               |
| 440                                   | 440  | 440 | 440  | 440  | --  | --                | --               |
| 440                                   | 440  | 440 | 440  | 440  | --  | --                | --               |
| 690                                   | 690  | 440 | 690  | 690  | --  | --                | --               |
| 690                                   | 690  | 690 | 690  | 690  | --  | --                | --               |
| 690                                   | 690  | 690 | 690  | 690  | --  | --                | --               |
| 690                                   | 690  | 690 | 690  | 690  | --  | --                | --               |
| 690                                   | 690  | 690 | 690  | 690  | --  | --                | --               |
| 690                                   | 690  | 690 | 690  | 690  | --  | --                | --               |
| 550                                   | 550  | 176 | 550  | 550  | --  | --                | --               |
| 1100                                  | 1100 | 176 | 1100 | 1100 | --  | --                | --               |
| 1100                                  | 1100 | 176 | 1100 | 1100 | --  | --                | --               |
| 1100                                  | 1100 | 440 | 1100 | 1100 | --  | --                | --               |
| 275                                   | 275  | --  | 275  | 275  | --  | --                | --               |
| 275                                   | 275  | --  | 275  | 275  | --  | --                | --               |
| 176                                   | 275  | --  | --   | --   | --  | --                | --               |
| 275                                   | 275  | 60  | 275  | 275  | 60  | --                | --               |
| 275                                   | 275  | 60  | 275  | 275  | 60  | --                | --               |
| 275                                   | 275  | 60  | 275  | 275  | 60  | --                | --               |
| 440                                   | 440  | 176 | 440  | 440  | 176 | --                | --               |
| 550                                   | 550  | 275 | 550  | 550  | 275 | --                | --               |
| 550                                   | 550  | 275 | 550  | 550  | 275 | --                | --               |
| 550                                   | 550  | 275 | 550  | 550  | 275 | --                | --               |
| 550                                   | 550  | 110 | 550  | 550  | 110 | 110               | --               |
| 550                                   | 550  | 110 | 550  | 550  | 110 | 110               | --               |
| 176                                   | 275  | --  | --   | --   | --  | --                | --               |
| 440                                   | 440  | 110 | 440  | 440  | 110 | --                | --               |
| 550                                   | 550  | 110 | 440  | 550  | 110 | 110 <sup>2)</sup> | 60 <sup>3)</sup> |
| 690                                   | 690  | 110 | 440  | 690  | 110 | --                | --               |
| 440                                   | 275  | 69  | 440  | 440  | 69  | 69                | --               |
| 550                                   | 550  | 110 | 440  | 550  | 110 | --                | --               |
| 550                                   | 550  | 110 | 440  | 550  | 110 | --                | --               |
| 690                                   | 690  | 110 | 690  | 690  | 110 | --                | --               |
| 690                                   | 690  | 110 | 690  | 690  | 110 | --                | --               |
| 550                                   | --   | --  | 550  | 550  | --  | --                | --               |
| 550                                   | --   | --  | 550  | 550  | --  | --                | --               |
| 690                                   | --   | --  | 690  | 690  | --  | --                | --               |

<sup>2)</sup> The outer cross-connection openings must be used for type ZQV.<sup>3)</sup> Only possible with ZQV.

## Maximum voltage

| Range <sup>1)</sup> | Certificate No.   | Rated voltage | Rated current | Rated current with QV | Nominal cross-section |
|---------------------|-------------------|---------------|---------------|-----------------------|-----------------------|
| W ...               |                   | / V           | / A           | / A                   | / mm <sup>2</sup>     |
| WDU 95N/120N        | KEMA 98ATEX1683 U | 880           | 243           | 243                   | 120                   |
| WDU 120/150         | KEMA 98ATEX1686 U | 1100          | 234           | 234                   | 120                   |
| WDU 240             | KEMA 01ATEX2186 U | 1100          | 350           | 270                   | 240                   |
| WDU 4 SL            | SIRA 02ATEX3242 U | 275           | 28            | 28                    | 4                     |
| WDU 6 SL            | SIRA 02ATEX3242 U | 275           | 36            | 36                    | 6                     |
| WDU 10 SL           | SIRA 02ATEX3242 U | 275           | 50            | 50                    | 10                    |
| <b>Z ...</b>        |                   |               |               |                       |                       |
| ZDK 2.5/1.5         | KEMA 97ATEX4677 U | 275           | 18            | 18                    | 2.5                   |
| ZDK 2.5/1.5V        | KEMA 97ATEX4677 U | 420           | 20            | 19                    | 2.5                   |
| ZDK 2.5/1.5NDU      | KEMA 97ATEX4677 U | 275           | 20            | 20                    | 2.5                   |
| ZDK 2.5/1.5NPE      | KEMA 97ATEX4677 U | 275           | 20            | 20                    | 2.5                   |
| ZDK 2.5/1.5DU-PE    | KEMA 97ATEX4677 U | 275           | 20            | 20                    | 2.5                   |
| ZDK 2.5-2           | KEMA 97ATEX4677 U | 550           | 20            | 18                    | 2.5                   |
| ZDK 2.5-2V          | KEMA 97ATEX4677 U | 550           | 22            | 18                    | 2.5                   |
| ZDK 2.5-2DU-PE      | KEMA 97ATEX4677 U | 550           | 20            | 18                    | 2.5                   |
| ZDK 2.5/3AN         | KEMA 06ATEX0271U  | 550           | 21.5          | 21                    | 2.5                   |
| ZDK 2.5/3AN V       | KEMA 06ATEX0271U  | 550           | 21            | 18.5                  | 2.5                   |
| ZDK 2.5/3AN DU-PE   | KEMA 06ATEX0271U  | 550           | 21            | 21                    | 2.5                   |
| ZDU 1.5             | KEMA 01ATEX2106 U | 550           | 15            | 15                    | 1.5                   |
| ZDU 1.5/3AN         | KEMA 01ATEX2106 U | 550           | 15            | 15                    | 1.5                   |
| ZDU 1.5/4AN         | KEMA 01ATEX2106 U | 550           | 15            | 15                    | 1.5                   |
| ZDU 2.5             | KEMA 97ATEX2521 U | 550           | 21            | 21                    | 2.5                   |
| ZDU 2.5/3AN         | KEMA 97ATEX2521 U | 550           | 21            | 21                    | 2.5                   |
| ZDU 2.5/4AN         | KEMA 97ATEX2521 U | 550           | 21            | 21                    | 2.5                   |
| ZDU 2.5N            | KEMA 06ATEX0271U  | 550           | 20.5          | 19                    | 2.5                   |
| ZDU 2.5N/3AN        | KEMA 06ATEX0271U  | 550           | 21.5          | 21                    | 2.5                   |
| ZDU 2.5N/4AN        | KEMA 06ATEX0271U  | 550           | 21            | 20                    | 2.5                   |
| ZDU 4               | KEMA 97ATEX2521 U | 550           | 28            | 28                    | 4                     |
| ZDU 4/3AN           | KEMA 00ATEX2107 U | 550           | 28            | 28                    | 4                     |
| ZDU 4/4AN           | KEMA 00ATEX2107 U | 550           | 28            | 28                    | 4                     |
| ZDU 6               | KEMA 97ATEX2521 U | 550           | 36            | 36                    | 6                     |
| ZDU 6/3AN           | KEMA 00ATEX2107 U | 550           | 36            | 36                    | 6                     |
| ZDU 10              | KEMA 99ATEX5514 U | 550           | 50            | 50                    | 10                    |
| ZDU 10/3AN          | KEMA 00ATEX2107 U | 550           | 50            | 50                    | 10                    |
| ZDU 16              | KEMA 99ATEX5514 U | 550           | 66            | 66                    | 16                    |
| ZDU 35              | KEMA 00ATEX2107 U | 690           | 109           | 100                   | 35                    |
| ZDU 2.5-2/2AN       | KEMA 97ATEX4677 U | 550           | 21            | 20                    | 2.5                   |
| ZDU 2.5-2/3AN       | KEMA 97ATEX4677 U | 550           | 21            | 21                    | 2.5                   |
| ZDU 2.5-2/4AN       | KEMA 97ATEX4677 U | 550           | 21            | 21                    | 2.5                   |
| ZDU 4-2/2AN         | KEMA 97ATEX4677 U | 550           | 28            | 26                    | 4                     |
| ZDU 4-2/3AN         | KEMA 97ATEX4677 U | 550           | 28            | 26                    | 4                     |
| ZDU 4-2/4AN         | KEMA 97ATEX4677 U | 550           | 28            | 26                    | 4                     |
| ZDU 6-2/2AN         | KEMA 97ATEX4677 U | 550           | 36            | 30                    | 6                     |
| ZDU 6-2/3AN         | KEMA 97ATEX4677 U | 550           | 36            | 36                    | 6                     |
| ZDUA 2.5-2          | KEMA 97ATEX4678 U | 275           | 20            | 19                    | 2.5                   |

<sup>1)</sup> Please refer to the catalogue and the certificate for details of precisely which article is approved.

| Maximum voltage (V)                   |     |     |      |      |     |     |    |
|---------------------------------------|-----|-----|------|------|-----|-----|----|
| (letters refer to the above diagrams) |     |     |      |      |     |     |    |
| A                                     | C   | D   | E    | F    | G   | H   | I  |
| 880                                   | --  |     | 880  | 880  | --  | --  | -- |
| 1100                                  | --  | --  | 1100 | 1100 | --  | --  | -- |
| --                                    | --  | --  | --   | --   | --  | --  | -- |
| 275                                   | 275 | 176 | 275  | 275  | 176 | 176 | -- |
| 275                                   | 275 | 176 | 275  | 275  | 176 | 176 | -- |
| 275                                   | 275 | 176 | 275  | 275  | 176 | 176 | -- |
| 275                                   | 275 | 176 | 275  | 275  | 176 | 176 | -- |
| 275                                   | 275 | 275 | 275  | 275  | 275 | --  | -- |
| 275                                   | 275 | 275 | 275  | 275  | 275 | --  | -- |
| 275                                   | 275 | 275 | 275  | 275  | 275 | --  | -- |
| 275                                   | 275 | 275 | 275  | 275  | 275 | --  | -- |
| 275                                   | 275 | 275 | 275  | 275  | 275 | --  | -- |
| 275                                   | 275 | 176 | 275  | 275  | 176 | 176 | -- |
| 275                                   | 275 | 176 | 275  | 275  | 176 | 176 | -- |
| 275                                   | 275 | 176 | 275  | 275  | 176 | 176 | -- |
| 275                                   | 275 | 275 | 275  | 275  | 275 | 60  | -- |
| 275                                   | 275 | 275 | 275  | 275  | 275 | --  | -- |
| 440                                   | 550 | 275 | 440  | 440  | --  | --  | -- |
| 440                                   | 550 | 275 | 440  | 440  | --  | --  | -- |
| 440                                   | 550 | 275 | 440  | 440  | --  | --  | -- |
| 440                                   | 550 | 275 | 440  | 440  | --  | --  | -- |
| 275                                   | 275 | 275 | 275  | 275  | 275 | --  | -- |
| 550                                   | 550 | 275 | --   | --   | --  | --  | -- |
| 550                                   | 550 | 275 | --   | --   | --  | --  | -- |
| 275                                   | 275 | 275 | 275  | 275  | 275 | --  | -- |
| 550                                   | 550 | 275 | --   | --   | --  | --  | -- |
| 550                                   | --  | --  | --   | --   | --  | --  | -- |
| 550                                   | 550 | --  | --   | --   | --  | --  | -- |
| 550                                   | --  | --  | --   | --   | --  | --  | -- |
| 550                                   | 550 | --  | 550  | 550  | --  | --  | -- |
| 440                                   | 440 | 275 | 440  | --   | 275 | 176 | -- |
| 440                                   | 440 | 275 | 440  | --   | 275 | 176 | -- |
| 440                                   | 440 | 275 | 440  | --   | 275 | 176 | -- |
| 440                                   | 440 | 275 | 440  | --   | 275 | 110 | -- |
| 440                                   | 440 | 275 | 440  | --   | 275 | 110 | -- |
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| AD 3 SAK70             | 0344300000 | I.17 | AKZ 4 BL             | 0294380000 | E.3  | AP DK4Q         | 1397160000 | A.34 | AP SAK35/TW SAK16     | 0303660000 | B.5  |
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| AD 4 AKZ4              | 0303400000 | A.13 | AP 110 GR            | 1790080000 | 1.6  | AP DK4T         | 0635060000 | 1.6  | AP SAK35/TW SAK16 BL  | 0303680000 | A.5  |
| AD 4 AKZ4              | 0303400000 | B.6  | AP 2 DSG1.5T         | 2119490000 | 1.6  | AP DK4T PA      | 0687560000 | B.17 | AP SAK35/TW SAK16 BL  | 0303680000 | A.4  |
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| AD 4 SAK10             | 0178600000 | B.7  | AP 70 SAK70 KRG      | 0340920000 | 1.4  | AP DK4T PA      | 0687560000 | A.19 | AP SAK4 KRG M.FU      | 0460020000 | I.6  |
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| AD 4 SAK16             | 0518200000 | C.3  | AP AK2.5 KRG/BL      | 0162570000 | 1.6  | AP DLD2.5/PE DB | 1783800000 | 1.6  | AP SAK4-10            | 0117960000 | B.44 |
| AD 4 SAK16             | 0518200000 | A.4  | AP AKZ1.5            | 0340560000 | E.2  | AP DLD2.5       | 1313260000 | 1.6  | AP SAK4-10            | 0117960000 | C.2  |
| AD 4 SAK16             | 0518200000 | A.9  | AP AKZ1.5            | 0340560000 | 1.4  | AP DLD2.5 DB    | 1783550000 | 1.6  | AP SAK4-10            | 0117960000 | C.3  |
| AD 4 SAK35             | 0178700000 | C.4  | AP AKZ1.5            | 0340560000 | 1.6  | AP DSK1.5       | 0532960000 | 1.6  | AP SAK4-10            | 0117960000 | C.4  |
| AD 4 SAK35             | 0178700000 | I.17 | AP AKZ1.5 BL         | 0340580000 | E.2  | AP DUSA4/35     | 0401360000 | 1.6  | AP SAK4-10            | 0117960000 | C.5  |
| AD 4 SAK35             | 0178700000 | B.9  | AP AKZ1.5 BL         | 0340580000 | E.6  | AP KDKS1 1.5    | 9503330000 | 1.6  | AP SAK4-10            | 0117960000 | I.6  |
| AD 4 SAK35             | 0178700000 | A.5  | AP AKZ1.5W           | 0329660000 | E.10 | AP KDKS1 1.5 DB | 9532470000 | 1.6  | AP SAK4-10 BL         | 0117980000 | C.3  |
| AD 4 SAK35             | 0178700000 | A.5  | AP AKZ1.5W           | 0329660000 | 1.6  | AP KDKS1 EN     | 9503340000 | 1.6  | AP SAK4-10 BL         | 0117980000 | C.5  |
| AD 4 SAK35             | 0178700000 | A.4  | AP AKZ1.5W           | 0329660000 | I.4  | AP KDKS1 EN     | 9503340000 | C.7  | AP SAK4-10 BL         | 0117980000 | C.4  |
| AD 4 SAK35             | 0178700000 | B.8  | AP AKZ2.5            | 0697360000 | 1.6  | AP KSKM         | 9509630000 | 1.6  | AP SAK4-10 BL         | 0117980000 | C.2  |
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| AD 4 SAK35N            | 0576700000 | B.5  | AP AKZ2.5 BL         | 0697380000 | 1.6  | AP MAK2.5 DB    | 7917000000 | 1.6  | AP SAK4-10 BL         | 0117980000 | I.6  |
| AD 4 SAK35N            | 0576700000 | I.17 | AP AKZ2.5 BL         | 0697380000 | E.2  | AP OSC 10/16    | 9154850000 | 1.6  | AP SAK4-10 BL         | 0117980000 | A.3  |
| AD 4 SAK35N            | 0576700000 | A.5  | AP AKZ2.5K           | 0697260000 | E.13 | AP OSC 4        | 9154860000 | 1.6  | AP SAK4-10 DB         | 0105100000 | I.6  |
| AD 4 SAK35N            | 0576700000 | B.9  | AP AKZ2.5K           | 0697260000 | 1.6  | AP PPT/35       | 3835120000 | 1.6  | AP SAK4-10 GE         | 2076890000 | I.6  |
| AD 4 SAK4              | 0285300000 | C.4  | AP AKZ4              | 0294460000 | 1.6  | AP PPT/35       | 3835120000 | D.9  | AP SAK4-10 GR 7042    | 1853970000 | I.6  |
| AD 4 SAK4              | 0285300000 | A.3  | AP AKZ4              | 0294460000 | E.8  | AP RSF1 KRG     | 0270420000 | 1.6  | AP SAK4-10 I          | 0117910000 | I.6  |
| AD 4 SAK4              | 0285300000 | B.3  | AP AKZ4              | 0294460000 | E.9  | AP RSF2 KRG     | 0301420000 | 1.6  | AP SAK4-10 KRG        | 0117920000 | A.4  |
| AD 4 SAK4              | 0285300000 | B.6  | AP AKZ4              | 0294460000 | I.4  | AP RSF3         | 0270460000 | 1.6  | AP SAK4-10 KRG        | 0117920000 | I.6  |
| AD 4 SAK4              | 0285300000 | C.5  | AP AKZ4              | 0294460000 | E.11 | AP RSF3         | 0270460000 | A.11 | AP SAK4-10 KRG        | 0117920000 | A.7  |
| AD 4 SAK4              | 0285300000 | I.17 | AP AKZ4              | 0294460000 | E.13 | AP RSF3         | 0270460000 | B.28 | AP SAK4-10 KRG        | 0117920000 | A.20 |
| AD 4 SAK4              | 0285300000 | A.7  | AP AKZ4              | 0294460000 | E.12 | AP RV           | 4145220000 | 1.6  | AP SAK4-10 KRG        | 0117920000 | B.44 |
| AD 4 SAK4              | 0285300000 | C.2  | AP AKZ4              | 0294460000 | E.10 | AP SAK16        | 0271160000 | 1.4  | AP SAK4-10 KRG        | 0117920000 | B.7  |
| AD 4 SAK6N             | 0196600000 | A.8  | AP AKZ4              | 0294460000 | E.3  | AP SAK16        | 0271160000 | 1.6  | AP SAK4-10 KRG        | 0117920000 | B.19 |
| AD 4 SAK6N             | 0196600000 | B.3  | AP AKZ4 BL           | 0294480000 | 1.6  | AP SAK16        | 0271160000 | B.4  | AP SAK4-10 KRG        | 0117920000 | B.6  |
| AD 4 SAK6N             | 0196600000 | C.3  | AP AKZ4 BL           | 0294480000 | E.3  | AP SAK16        | 0271160000 | A.4  | AP SAK4-10 KRG        | 0117920000 | A.8  |
| AD 4 SAK6N             | 0196600000 | I.17 | AP AKZ4 GE           | 2077070000 | 1.6  | AP SAK16        | 0271160000 | C.3  | AP SAK4-10 KRG/BL     | 0117970000 | B.19 |
| AD 4 SAK6N             | 0196600000 | A.3  | AP AKZ4 KRG          | 0294420000 | 1.6  | AP SAK16 BL     | 0271180000 | C.3  | AP SAK4-10 KRG/BL     | 0117970000 | A.8  |
| AD 4 SAK6N             | 0196600000 | B.7  | AP AKZ4 KRG          | 0294420000 | 1.4  | AP SAK16 BL     | 0271180000 | 1.6  | AP SAK4-10 KRG/BL     | 0117970000 | A.7  |
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| AD 4 WSD SAKG54 HP/DBR | 0261100000 | I.17 | AP ASK1 RT           | 0380350000 | 1.6  | AP SAK16 KRG    | 0271120000 | B.7  | AP SAK4-10 KRG/BL     | 0117970000 | A.20 |
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| AP SAKD2.5N BL          | 0150980000 | 1.6  | BFSC M2.5X18 PA/RT    | 0303300000 | B.11 | BK 4 CRN                | 0625120000 | F.5  | DEK 5 FS 851-900      | 0473560851 | K.7  |
| AP SAKD2.5N BL          | 0150980000 | A.2  | BFSC M2.5X18 PA/RT    | 0303300000 | 1.17 | BK 4/E                  | 7906080000 | F.6  | DEK 5 FS 901-950      | 0473560901 | K.7  |
| AP SAKD2.5N BL          | 0150980000 | B.2  | BFSC M2.5X18 PA/RT    | 0303300000 | A.12 | BK 6 CRN                | 0625220000 | F.5  | DEK 5 FS 951-999      | 0473560951 | K.7  |
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| AP SAKH6/10 EP/SW       | 0131700000 | D.7  | BFSC M2.5X18 PA/RT    | 0303300000 | A.13 | BS 25 IH/BL SAKT1       | 0335400000 | I.21 | DEK 5 FSZ 11-20       | 0460660011 | K.7  |
| AP SAKH6/10 EP/SW       | 0131700000 | 1.6  | BFSC M2.5X18 PA/RT    | 0303300000 | E.10 | BS 25 IH/GE SAKT1       | 0335700000 | I.21 | DEK 5 FSZ 18,20,...32 | 0582360018 | K.7  |
| AP SAKH6/10 EP/SW       | 0131700000 | D.6  | BFSC M3X22 PA/RT      | 0128900000 | A.7  | BS 25 IH/GN SAKT1       | 0335600000 | I.21 | DEK 5 FSZ 2,4,6...16  | 0582360002 | K.7  |
| AP SAKH6/10 KRG         | 0131720000 | 1.6  | BFSC M3X22 PA/RT      | 0128900000 | 1.17 | BS 25 IH/GR SAKT1       | 0335300000 | I.21 | DEK 5 FSZ 21-30       | 0460660021 | K.7  |
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| AP SAKR BE              | 0211360000 | 1.4  | BFSC M3X22 PA/RT      | 0128900000 | C.4  | BS 25 O.IH SAKT1        | 0334700000 | B.31 | DEK 5 FSZ 91-100      | 0460660091 | K.7  |
| AP SAKR BE              | 0211360000 | 1.6  | BFSC M3X22 PA/RT      | 0128900000 | B.45 | BS 25 O.IH SAKT1        | 0334700000 | A.33 | DEK 5 FW 1.3,5,...99  | 1358460000 | K.7  |
| AP SAKR BE              | 0211360000 | B.39 | BFSC M3X22 PA/RT      | 0128900000 | B.39 | BS 35/WSH 2             | 1760720000 | G.7  | DEK 5 FW 101-150      | 0473460101 | K.7  |
| AP SAKR BE              | 0211360000 | E.3  | BFSC M3X22 PA/RT      | 0128900000 | A.4  | BS 35H KLBUE HOLDER     | 1723800000 | G.10 | DEK 5 FW 10-500       | 0132660010 | K.7  |
| AP SAKR BE              | 0211360000 | B.41 | BFSC M3X22 PA/RT      | 0128900000 | B.4  | BS 35H KLBUE2X3-8/2X2-6 | 1768020000 | G.10 | DEK 5 FW 1-50         | 0473460001 | K.7  |
| AP SAKR BE              | 0211360000 | B.40 | BFSC M3X22 PA/RT      | 0128900000 | B.3  | BS 35H KLBUE3-8         | 1723810000 | G.10 | DEK 5 FW 151-200      | 0473460151 | K.7  |
| AP SAKR BE RS-SET       | 1820200000 | 1.6  | BFSC M3X22 PA/RT      | 0128900000 | C.3  | BS 35H KLBUE3-8/2X2-6   | 1749430000 | G.10 | DEK 5 FW 2,4,...100   | 1358560000 | K.7  |
| AP SAKR BL              | 0211380000 | 1.6  | BFSC M3X22 PA/RT      | 0128900000 | A.2  | BS 35H/KLBUE 4-13.5     | 1723820000 | G.10 | DEK 5 FW 201-250      | 0473460201 | K.7  |
| AP SAKR BL              | 0211380000 | B.40 | BFSC M3X22 PA/RT      | 0128900000 | C.2  | BST 2 BEZEICHNUNGSSTR.  | 1287700000 | I.17 | DEK 5 FW 251-300      | 0473460251 | K.7  |
| AP SAKR BL              | 0211380000 | B.41 | BFSC M3X22 PA/RT      | 0128900000 | B.7  | BSTB 28/12 BK U 1-12    | 0198800000 | F.5  | DEK 5 FW 301-350      | 0473460301 | K.7  |
| AP SAKR BL              | 0211380000 | B.16 | BFSC M3X22 PA/RT      | 0128900000 | B.6  | BSTB 28/12 BK U 1-12    | 0198800000 | F.6  | DEK 5 FW 351-400      | 0473460351 | K.7  |
| AP SAKR BL              | 0211380000 | A.18 | BFSC M3X22 SAKT4      | 1319900000 | A.33 | BSTB 28/12 MK U 1-12    | 0245900000 | F.6  | DEK 5 FW 401-450      | 0473460401 | K.7  |
| AP SAKR KRG             | 0211320000 | B.18 | BFSC M3X22 SAKT4      | 1319900000 | B.32 | BSTB 28/12 MK U 1-12    | 0245900000 | F.2  | DEK 5 FW 451-500      | 0473460451 | K.7  |
| AP SAKR KRG             | 0211320000 | 1.6  | BFSC M3X25            | 0292500000 | A.3  | BSTB 28/12/6,35 O 1-12  | 0278500000 | F.2  | DEK 5 FW 501-550      | 0473460501 | K.7  |
| AP SAKS1+3 KRG          | 0191320000 | B.22 | BFSC M3X25            | 0292500000 | C.2  | BSTB 28/12/6,35 U 1-12  | 0245700000 | F.2  | DEK 5 FW 51-100       | 0473460051 | K.7  |
| AP SAKS1+3 KRG          | 0191320000 | 1.4  | BFSC M3X25            | 0292500000 | C.3  | BSTB 28/16 MK O 1-16    | 0278700000 | F.3  | DEK 5 FW 551-600      | 0473460551 | K.7  |
| AP SAKS1+3 KRG          | 0191320000 | A.24 | BFSC M3X25            | 0292500000 | A.7  | BSTB 28/16 MK U 1-16    | 0262200000 | F.3  | DEK 5 FW 601-650      | 0473460601 | K.7  |
| AP SAKS1+3 KRG          | 0191320000 | B.23 | BFSC M3X25            | 0292500000 | 1.12 | BSTB 28/2 BK U 1-2      | 0203600000 | F.5  | DEK 5 FW 651-700      | 0473460651 | K.7  |
| AP SAKS1+3 KRG          | 0191320000 | A.25 | BFSC M3X25            | 0292500000 | C.4  | BSTB 28/2 BK U 1-2      | 0203600000 | F.6  | DEK 5 FW 701-750      | 0473460701 | K.7  |
| AP SAKS1+3 KRG          | 0191320000 | 1.6  | BFSC M3X25            | 0292500000 | A.8  | BSTB 28/4 BK U 1-4      | 0197300000 | F.6  | DEK 5 FW 751-800      | 0473460751 | K.7  |
| AP SAKS1+3 KRG/DB       | 0191300000 | 1.6  | BFSC M3X25            | 0292500000 | A.9  | BSTB 28/4 BK U 1-4      | 0197300000 | F.5  | DEK 5 FW 801-850      | 0473460801 | K.7  |
| AP SAKT2 KRG            | 0329120000 | 1.6  | BFSC M3X25            | 0292500000 | 1.10 | BSTB 28/6 BK U 1-6      | 0197500000 | F.6  | DEK 5 FW 851-900      | 0473460851 | K.7  |
| AP SAKT2 KRG            | 0329120000 | 1.4  | BFSC M3X25            | 0292500000 | C.5  | BSTB 28/6 BK U 1-6      | 0197500000 | F.5  | DEK 5 FW 901-950      | 0473460901 | K.7  |
| AP SAKT4 KRG            | 0244920000 | 1.6  | BFSC M3X25            | 0292500000 | B.7  | BSTB 28/6 MK U 1-6      | 0290000000 | F.6  | DEK 5 FW 951-999      | 0473460951 | K.7  |
| AP ST5 PA/BE            | 0447260000 | 1.6  | BFSC M3X25            | 0292500000 | A.4  | BSTB 28/6 MK U 1-6      | 0290000000 | F.2  | DEK 5 FW U1-PE1       | 0133161114 | K.7  |
| AP ST5 PPO/SW           | 0447240000 | 1.6  | BFSC M3X25            | 0292500000 | B.6  | BSTB 28/8 MK U 1-8      | 0290200000 | F.2  | DEK 5 FW U2-PE2       | 0133161115 | K.7  |
| AP ST5 PPO/SW           | 0447240000 | C.6  | BFSC M3X25            | 0292500000 | B.3  | BSTB 28/8 MK U 1-8      | 0290200000 | F.6  | DEK 5 FW U3-PE3       | 0133161116 | K.7  |
| AP STA2.5 0.5MM         | 2012770000 | 1.6  | BFSC M3X25            | 0292500000 | B.4  | BSTO 28/12 BK           | 0198700000 | F.5  | DEK 5 FW U4-PE4       | 0133161117 | K.7  |
| AP TAL                  | 0212260000 | 1.6  | BFSC M3X30            | 0296200000 | B.28 | BSTO 28/12 BK           | 0198700000 | F.6  | DEK 5 FW U5-PE5       | 0133161118 | K.7  |
| AP TOP4SF-FF            | 0483460000 | 1.4  | BFSC M3X30            | 0296200000 | A.11 | BSTO 28/12 MK           | 0245800000 | F.2  | DEK 5 FW U6-PE6       | 0133161119 | K.7  |
| AP TOP4SF-FF            | 0483460000 | 1.6  | BFSC M3X30            | 0296200000 | 1.10 | BSTO 28/12 MK           | 0245800000 | F.6  | DEK 5 FW U7-PE7       | 0133161120 | K.7  |
| AP TW/SS...R5           | 1333200000 | 1.6  | BFSC M3X35            | 0308900000 | B.28 | BSTO 28/12/6,35         | 0245600000 | F.2  | DEK 5 FW U8-PE8       | 0133161121 | K.7  |
| AP VLI1.5               | 1633260000 | 1.6  | BFSC M3X35            | 0308900000 | 1.10 | BSTO 28/16 MK 4/16      | 0262100000 | F.3  | DEK 5 FW U9-PE9       | 0133161122 | K.7  |
| AP VLI1.5 DB            | 1784150000 | 1.6  | BFSC M3X7 STV1/5      | 0199700000 | 1.9  | BSTO 28/2 BK            | 0203500000 | F.5  | DEK 5 FW X10-Z10      | 0133261159 | K.7  |
| AP VLI1.5/PE            | 1633320000 | 1.6  | BFSC M4X20            | 0362300000 | B.19 | BSTO 28/2 BK            | 0203500000 | F.6  | DEK 5 FW X1-21        | 0133261150 | K.7  |
| AP VLI1.5/PE DB         | 1784160000 | 1.6  | BFSC M4X20            | 0362300000 | A.20 | BSTO 28/3 BK            | 0203700000 | F.6  | DEK 5 FW X2-22        | 0133261151 | K.7  |
| ASK 1/15                | 0376860000 | E.6  | BFSC M4X30            | 0267100000 | A.9  | BSTO 28/3 BK            | 0203700000 | F.5  | DEK 5 FW X3-23        | 0133261152 | K.7  |
| ASK 1/EN                | 0474560000 | C.7  | BFSC M4X30            | 0267100000 | C.4  | BSTO 28/4 BK            | 0197200000 | F.5  | DEK 5 FW X4-24        | 0133261153 | K.7  |
| ASK 1/EN LD 120K 230VDC | 0225660000 | C.7  | BFSC M4X30            | 0267100000 | B.30 | BSTO 28/4 BK            | 0197200000 | F.6  | DEK 5 FW X5-25        | 0133261154 | K.7  |
| ASK 1/EN LD 15K 24VDC   | 0222760000 | C.7  | BFSC M4X30            | 0267100000 | 1.9  | BSTO 28/4 MK3/4         | 0289300000 | F.6  | DEK 5 FW X6-26        | 0133261155 | K.7  |
| ASK 1/EN LD 10 115VAC   | 0225660000 | C.7  | BFSC M4X30            | 0267100000 | B.8  | BSTO 28/4 MK3/4         | 0289300000 | F.2  | DEK 5 FW X7-27        | 0133261156 | K.7  |
| ASK 1/EN LD 10 230VAC   | 0225760000 | C.7  | BFSC M4X30            | 0267100000 | A.5  | BSTO 28/6 BK            | 0197400000 | F.5  | DEK 5 FW X8-28        | 0133261157 | K.7  |
| ASK 1/EN LD 10 24VAC    | 0222860000 | C.7  | BFSC M4X30            | 0267100000 | 1.10 | BSTO 28/6 BK            | 0197400000 | F.6  | DEK 5 FW X9-29        | 0133261158 | K.7  |
| ASK 1/EN LD 10 48VAC    | 0225360000 | C.7  | BFSC M4X30            | 0267100000 | H.4  | BSTO 28/6 MK            | 0289500000 | F.2  | DEK 5 FWZ 1,3,5-19    | 0235860000 | K.7  |
| ASK 1/EN LD 27K 48VDC   | 0225260000 | C.7  | BFSC M4X30            | 0267100000 | B.5  | BSTO 28/6 MK            | 0289500000 | F.6  | DEK 5 FWZ 1-10        | 0523060001 | K.7  |
| ASK 1/EN LD 33K 60VDC   | 0226460000 | C.7  | BFSC M4X30            | 0267100000 | A.4  | BSTO 28/8 MK3/8         | 0284700000 | F.6  | DEK 5 FWZ 11-20       | 0523060011 | K.7  |
| ASK 1/EN LD 56K 115VDC  | 0225460000 | C.7  | BFSC M4X30            | 0267100000 | B.9  | BSTO 28/8 MK3/8         | 0284700000 | F.2  | DEK 5 FWZ 1-9         | 1572000000 | K.7  |
| AST 1 6.3               | 0266360000 | B.36 | BFSC M4X30            | 0267100000 | B.4  | BTWZ KLBUE              | 1742630000 | G.8  | DEK 5 FWZ 2,4,6-20    | 0236160000 | K.7  |
| AST 1 6.3 KRG           | 0266320000 | B.42 | BFSC M4X32 PA/RT      | 0129100000 | B.5  | BUE SPLX                | 9005450000 | J.4  | DEK 5 FWZ 21,23,25-39 | 0235960000 | K.7  |
| AST 1 6.3/2.8           | 0478260000 | B.36 | BFSC M4X32 PA/RT      | 0129100000 | A.5  | BZT 1 WS 10/5           | 1805490000 | K.16 | DEK 5 FWZ 21-30       | 0523060021 | K.7  |
| AST 1 6.3/2.8 KRG       | 0478220000 | B.42 | BFSC M4X32 PA/RT      | 0129100000 | B.4  | BZT 1 ZA WS 10/5        | 1805520000 | K.16 | DEK 5 FWZ 22,24,26-40 | 0523060000 | K.7  |
| AST 1/35 6.3            | 0664860000 | A.36 | BFSC M4X32 PA/RT      | 0129100000 | B.9  | BZT 2 WS 10/5           | 1805480000 | K.16 | DEK 5 FWZ 31-40       | 0523060031 | K.7  |
| AST 1/35 6.3/2.8        | 0699660000 | A.36 | BFSC M4X32 PA/RT      | 0129100000 | A.9  | BZT 2 ZA WS 10/5        | 1805530000 | K.16 | DEK 5 FWZ 41,43,45-59 | 0236060000 | K.7  |
| AST 3 6.3               | 0236760000 | B.36 | BFSC M4X32 PA/RT      | 0129100000 | C.4  |                         |            |      | DEK 5 FWZ 41-50       | 0523060041 | K.7  |
| AST 3 6.3 KRG           | 0298020000 | B.42 | BFSC M4X32 PA/RT      | 0129100000 | B.8  |                         |            |      | DEK 5 FWZ 42,44,46-60 | 0236360000 | K.7  |
| AST 3 6.3/2.8 KRG       | 0442420000 | B.42 | BFSC M4X32 PA/RT      | 0129100000 | A.4  |                         |            |      | DEK 5 FWZ 51-60       | 0523060051 | K.7  |
| AST 3/35 6.3            | 0479360000 | A.36 | BFSC M4X32 PA/RT      | 0129100000 | 1.17 |                         |            |      | DEK 5 FWZ 61-70       | 0523060061 | K.7  |
| AST 3/35 6.3/2.8        | 0460360000 | A.36 | BFSC M4X35            | 0298900000 | A.4  | CleanUnit PrintJet II   | 1858950000 | K.22 | DEK 5 FWZ 71-80       | 0523060071 | K.7  |
| AST 4 SF 6.3/2.8 KRG    | 0439120000 | B.43 | BFSC M4X35            | 0298900000 | B.5  | CTI 6                   | 9006120000 | J.35 | DEK 5 FWZ 81-90       | 0523060081 | K.7  |
| AST 4/35 SF 6.3         | 0479460000 | A.37 | BFSC M4X35            | 0298900000 | B.4  | CTI 6 S                 | 9006210000 | J.35 | DEK 5 FWZ 91-100      | 0523060091 | K.7  |
| AST 4/35 SF 6.3/2.8     | 0460460000 | A.37 | BFSC M4X35            | 0298900000 | A.5  |                         |            |      | DEK 5 FWZ L1-EIK      | 0354361203 | K.7  |
| AST 5 SF 6.3 KRG        | 0334520000 | B.43 | BFSC M4X35            | 0298900000 | B.8  |                         |            |      | DEK 5 FWZ L1-PE       | 0354361187 | K.7  |
| AST 5 SF 6.3/2.8 KRG    | 0479220000 | B.43 | BFSC M4X35            | 0298900000 | 1.12 | D 2 MK5/2 PA/NA</       |            |      |                       |            |      |

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| DEK 5 GS P   | 0132961036 | K.7  | DEK 5 GW 176 | 0522660176 | K.8  | DEK 5 GW 86         | 0522660086 | K.7  | DEK 5/3,5 MC GW 1         | 1755280001 | K.8  |
| DEK 5 GS PE  | 0157261187 | K.7  | DEK 5 GW 177 | 0522660177 | K.8  | DEK 5 GW 87         | 0522660087 | K.7  | DEK 5/3,5 MC GW 2         | 1755280002 | K.8  |
| DEK 5 GS Q   | 0132961037 | K.7  | DEK 5 GW 178 | 0522660178 | K.8  | DEK 5 GW 88         | 0522660088 | K.7  | DEK 5/3,5 MC GW 3         | 1755280003 | K.8  |
| DEK 5 GS R   | 0132961038 | K.7  | DEK 5 GW 179 | 0522660179 | K.8  | DEK 5 GW 89         | 0522660089 | K.7  | DEK 5/3,5 MC GW 4         | 1755280004 | K.8  |
| DEK 5 GS S   | 0132961039 | K.7  | DEK 5 GW 180 | 0522660180 | K.7  | DEK 5 GW 90         | 0522660090 | K.7  | DEK 5/3,5 MC GW 5         | 1755280005 | K.8  |
| DEK 5 GS T   | 0132961040 | K.7  | DEK 5 GW 181 | 0522660181 | K.8  | DEK 5 GW 91         | 0522660091 | K.7  | DEK 5/3,5 MC GW 6         | 1755280006 | K.8  |
| DEK 5 GS U   | 0132961041 | K.7  | DEK 5 GW 182 | 0522660182 | K.8  | DEK 5 GW 92         | 0522660092 | K.7  | DEK 5/3,5 MC GW 7         | 1755280007 | K.8  |
| DEK 5 GS V   | 0132961042 | K.7  | DEK 5 GW 183 | 0522660183 | K.8  | DEK 5 GW 93         | 0522660093 | K.7  | DEK 5/3,5 MC GW 8         | 1755280008 | K.8  |
| DEK 5 GS W   | 0132961043 | K.7  | DEK 5 GW 184 | 0522660184 | K.8  | DEK 5 GW 94         | 0522660094 | K.7  | DEK 5/3,5 MC GW 9         | 1755280009 | K.8  |
| DEK 5 GS X   | 0132961044 | K.7  | DEK 5 GW 185 | 0522660185 | K.8  | DEK 5 GW 95         | 0522660095 | K.7  | DEK 5/3,5 MC NEUTRAL      | 1755270000 | K.11 |
| DEK 5 GS Y   | 0132961045 | K.7  | DEK 5 GW 186 | 0522660186 | K.8  | DEK 5 GW 96         | 0522660096 | K.7  | DEK 5/30 MC NEUTRAL       | 1951920000 | K.18 |
| DEK 5 GS Z   | 0132961046 | K.7  | DEK 5 GW 187 | 0522660187 | K.8  | DEK 5 GW 97         | 0522660097 | K.7  | DEK 5/30 MC NEUTRAL       | 1951920001 | K.11 |
| DEK 5 GW     | 0576260000 | K.7  | DEK 5 GW 188 | 0522660188 | K.8  | DEK 5 GW 98         | 0522660098 | K.7  | DEK 5/30 MC SDR           | 1025680000 | K.11 |
| DEK 5 GW -   | 0576261199 | K.8  | DEK 5 GW 189 | 0522660189 | K.8  | DEK 5 GW 99         | 0522660099 | K.7  | DEK 5/5 MC BEDRUCKT       | 1609810000 | K.11 |
| DEK 5 GW +   | 0576261198 | K.8  | DEK 5 GW 190 | 0522660190 | K.8  | DEK 5 GW 100        | 0522660100 | K.7  | DEK 5/5 MC-10 NEUT. BL    | 1609801693 | K.11 |
| DEK 5 GW 1   | 0522660001 | K.7  | DEK 5 GW 191 | 0522660191 | K.8  | DEK 5 GW A          | 0522761021 | K.8  | DEK 5/5 MC-10 NEUT. GE    | 1609801687 | K.11 |
| DEK 5 GW 10  | 0522660010 | K.7  | DEK 5 GW 192 | 0522660192 | K.8  | DEK 5 GW A KLEIN    | 0522861047 | K.8  | DEK 5/5 MC-10 NEUT. GN    | 1609801688 | K.11 |
| DEK 5 GW 100 | 0522660100 | K.7  | DEK 5 GW 193 | 0522660193 | K.8  | DEK 5 GW B          | 0522761022 | K.8  | DEK 5/5 MC-10 NEUT. GR    | 1609801691 | K.11 |
| DEK 5 GW 101 | 0522660101 | K.7  | DEK 5 GW 194 | 0522660194 | K.8  | DEK 5 GW B KLEIN    | 0522861048 | K.8  | DEK 5/5 MC-10 NEUT. RT    | 1609801686 | K.11 |
| DEK 5 GW 102 | 0522660102 | K.7  | DEK 5 GW 195 | 0522660195 | K.8  | DEK 5 GW BL/SW -    | 0576291741 | K.8  | DEK 5/5 MC-10 NEUT. WS    | 1609801044 | K.11 |
| DEK 5 GW 103 | 0522660103 | K.7  | DEK 5 GW 196 | 0522660196 | K.8  | DEK 5 GW C          | 0522761023 | K.8  | DEK 5/5 MC-10 NEUT. WS    | 1609801044 | K.19 |
| DEK 5 GW 104 | 0522660104 | K.7  | DEK 5 GW 197 | 0522660197 | K.8  | DEK 5 GW C KLEIN    | 0522861049 | K.8  | DEK 5/5 MC-10 NEUT. WS    | 1609801044 | K.18 |
| DEK 5 GW 105 | 0522660105 | K.7  | DEK 5 GW 198 | 0522660198 | K.8  | DEK 5 GW D          | 0522761024 | K.8  | DEK 5/5 MC-10 NEUT. WS    | 1609801044 | K.17 |
| DEK 5 GW 106 | 0522660106 | K.7  | DEK 5 GW 199 | 0522660199 | K.8  | DEK 5 GW D KLEIN    | 0522861050 | K.8  | DEK 5/5 MC-10 NEUT. WS    | 1609801044 | K.16 |
| DEK 5 GW 107 | 0522660107 | K.7  | DEK 5 GW 200 | 0522660200 | K.8  | DEK 5 GW E          | 0522761025 | K.8  | DEK 5/5 PLUS MC GE        | 1907520000 | K.11 |
| DEK 5 GW 108 | 0522660108 | K.7  | DEK 5 GW 201 | 0522660201 | K.8  | DEK 5 GW E KLEIN    | 0522861051 | K.8  | DEK 5/5 PLUS MC NEUTRAL   | 1854490000 | K.11 |
| DEK 5 GW 109 | 0522660109 | K.7  | DEK 5 GW 21  | 0522660202 | K.7  | DEK 5 GW ERDE       | 0576261202 | K.8  | DEK 5/5 PLUS MC SONDERDR. | 1854500000 | K.11 |
| DEK 5 GW 11  | 0522660011 | K.7  | DEK 5 GW 22  | 0522660203 | K.7  | DEK 5 GW ERDE I.KR. | 0576261203 | K.8  | DEK 5/6 MC BEDRUCKT       | 1609830000 | K.11 |
| DEK 5 GW 110 | 0522660110 | K.7  | DEK 5 GW 23  | 0522660204 | K.7  | DEK 5 GW F          | 0522761026 | K.8  | DEK 5/6 MC NEUTRAL        | 1609820000 | K.11 |
| DEK 5 GW 111 | 0522660111 | K.7  | DEK 5 GW 24  | 0522660205 | K.7  | DEK 5 GW F KLEIN    | 0522861052 | K.8  | DEK 5/6 PLUS MC NE WS     | 1011320000 | K.11 |
| DEK 5 GW 112 | 0522660112 | K.7  | DEK 5 GW 25  | 0522660206 | K.7  | DEK 5 GW G          | 0522761027 | K.8  | DEK 5/6,5 MC BEDRUCKT     | 1609850000 | K.11 |
| DEK 5 GW 113 | 0522660113 | K.7  | DEK 5 GW 26  | 0522660207 | K.7  | DEK 5 GW G KLEIN    | 0522861053 | K.8  | DEK 5/6,5 MC NEUTRAL      | 1609840000 | K.11 |
| DEK 5 GW 114 | 0522660114 | K.7  | DEK 5 GW 27  | 0522660208 | K.7  | DEK 5 GW H          | 0522761028 | K.8  | DEK 5/7,5 MC NEUTRAL      | 1720620000 | K.11 |
| DEK 5 GW 115 | 0522660115 | K.7  | DEK 5 GW 28  | 0522660209 | K.7  | DEK 5 GW H KLEIN    | 0522861054 | K.8  | DEK 5/7,5 MC SONDERDR.    | 1770490000 | K.11 |
| DEK 5 GW 116 | 0522660116 | K.7  | DEK 5 GW 29  | 0522660029 | K.7  | DEK 5 GW I          | 0522761029 | K.8  | DEK 5/8 MC Neutral        | 1856740000 | K.11 |
| DEK 5 GW 117 | 0522660117 | K.7  | DEK 5 GW 30  | 0522660030 | K.7  | DEK 5 GW I KLEIN    | 0522861055 | K.8  | DEK 5/8 MC Sonderdruck    | 1856750000 | K.11 |
| DEK 5 GW 118 | 0522660118 | K.7  | DEK 5 GW 31  | 0522660031 | K.7  | DEK 5 GW J          | 0522761030 | K.8  | DEK 6 BL NEUTRAL          | 0468591693 | K.8  |
| DEK 5 GW 119 | 0522660119 | K.7  | DEK 5 GW 32  | 0522660032 | K.7  | DEK 5 GW J KLEIN    | 0522861056 | K.8  | DEK 6 BR NEUTRAL          | 0468591692 | K.8  |
| DEK 5 GW 12  | 0522660120 | K.7  | DEK 5 GW 33  | 0522660033 | K.7  | DEK 5 GW K          | 0522761031 | K.8  | DEK 6 FS 101-150          | 0468760101 | K.8  |
| DEK 5 GW 120 | 0522660120 | K.7  | DEK 5 GW 34  | 0522660034 | K.7  | DEK 5 GW K KLEIN    | 0522861057 | K.8  | DEK 6 FS 1-50             | 0468760001 | K.8  |
| DEK 5 GW 121 | 0522660121 | K.7  | DEK 5 GW 35  | 0522660035 | K.7  | DEK 5 GW L          | 0522761032 | K.8  | DEK 6 FS 151-200          | 0468760151 | K.8  |
| DEK 5 GW 122 | 0522660122 | K.7  | DEK 5 GW 36  | 0522660036 | K.7  | DEK 5 GW L KLEIN    | 0522861058 | K.8  | DEK 6 FS 201-250          | 0468760201 | K.8  |
| DEK 5 GW 123 | 0522660123 | K.7  | DEK 5 GW 37  | 0522660037 | K.7  | DEK 5 GW L1         | 0522361075 | K.8  | DEK 6 FS 251-300          | 0468760251 | K.8  |
| DEK 5 GW 124 | 0522660124 | K.7  | DEK 5 GW 38  | 0522660038 | K.7  | DEK 5 GW L2         | 0522361076 | K.8  | DEK 6 FS 301-350          | 0468760301 | K.8  |
| DEK 5 GW 125 | 0522660125 | K.7  | DEK 5 GW 39  | 0522660039 | K.7  | DEK 5 GW L3         | 0522361077 | K.8  | DEK 6 FS 351-400          | 0468760351 | K.8  |
| DEK 5 GW 126 | 0522660126 | K.7  | DEK 5 GW 40  | 0522660040 | K.7  | DEK 5 GW M          | 0522761033 | K.8  | DEK 6 FS 401-450          | 0468760401 | K.8  |
| DEK 5 GW 127 | 0522660127 | K.7  | DEK 5 GW 41  | 0522660041 | K.7  | DEK 5 GW M KLEIN    | 0522861059 | K.8  | DEK 6 FS 451-500          | 0468760451 | K.8  |
| DEK 5 GW 128 | 0522660128 | K.7  | DEK 5 GW 42  | 0522660042 | K.7  | DEK 5 GW Mp         | 0537261235 | K.8  | DEK 6 FS 501-550          | 0468760501 | K.8  |
| DEK 5 GW 129 | 0522660129 | K.7  | DEK 5 GW 43  | 0522660043 | K.7  | DEK 5 GW N          | 0522761034 | K.8  | DEK 6 FS 51-100           | 0468760051 | K.8  |
| DEK 5 GW 13  | 0522660013 | K.7  | DEK 5 GW 44  | 0522660044 | K.7  | DEK 5 GW N KLEIN    | 0522861060 | K.8  | DEK 6 FS 551-600          | 0468760551 | K.8  |
| DEK 5 GW 130 | 0522660130 | K.7  | DEK 5 GW 45  | 0522660045 | K.7  | DEK 5 GW O          | 0522761035 | K.8  | DEK 6 FS 601-650          | 0468760601 | K.8  |
| DEK 5 GW 131 | 0522660131 | K.7  | DEK 5 GW 46  | 0522660046 | K.7  | DEK 5 GW O KLEIN    | 0522861061 | K.8  | DEK 6 FS 651-700          | 0468760651 | K.8  |
| DEK 5 GW 132 | 0522660132 | K.7  | DEK 5 GW 47  | 0522660047 | K.7  | DEK 5 GW P          | 0522761036 | K.8  | DEK 6 FS 701-750          | 0468760701 | K.8  |
| DEK 5 GW 133 | 0522660133 | K.7  | DEK 5 GW 48  | 0522660048 | K.7  | DEK 5 GW P KLEIN    | 0522861062 | K.8  | DEK 6 FS 751-800          | 0468760751 | K.8  |
| DEK 5 GW 134 | 0522660134 | K.7  | DEK 5 GW 49  | 0522660049 | K.7  | DEK 5 GW PE         | 0537261187 | K.8  | DEK 6 FS 801-850          | 0468760801 | K.8  |
| DEK 5 GW 135 | 0522660135 | K.7  | DEK 5 GW 50  | 0522660050 | K.7  | DEK 5 GW PEN        | 0537261188 | K.8  | DEK 6 FS 851-900          | 0468760851 | K.8  |
| DEK 5 GW 136 | 0522660136 | K.7  | DEK 5 GW 51  | 0522660051 | K.7  | DEK 5 GW Q          | 0522761037 | K.8  | DEK 6 FS 901-950          | 0468760901 | K.8  |
| DEK 5 GW 137 | 0522660137 | K.7  | DEK 5 GW 52  | 0522660052 | K.7  | DEK 5 GW Q KLEIN    | 0522861063 | K.8  | DEK 6 FS 951-999          | 0468760951 | K.8  |
| DEK 5 GW 138 | 0522660138 | K.7  | DEK 5 GW 53  | 0522660053 | K.7  | DEK 5 GW R          | 0522761038 | K.8  | DEK 6 FSZ 1-10            | 0133360001 | K.8  |
| DEK 5 GW 139 | 0522660139 | K.7  | DEK 5 GW 54  | 0522660054 | K.7  | DEK 5 GW R KLEIN    | 0522861064 | K.8  | DEK 6 FSZ 11-20           | 0133360011 | K.8  |
| DEK 5 GW 14  | 0522660014 | K.7  | DEK 5 GW 55  | 0522660055 | K.7  | DEK 5 GW RT/SW +    | 0576291737 | K.8  | DEK 6 FSZ 21-30           | 0133360021 | K.8  |
| DEK 5 GW 140 | 0522660140 | K.7  | DEK 5 GW 56  | 0522660056 | K.7  | DEK 5 GW S          | 0522761039 | K.8  | DEK 6 FSZ 31-40           | 0133360031 | K.8  |
| DEK 5 GW 141 | 0522660141 | K.7  | DEK 5 GW 57  | 0522660057 | K.7  | DEK 5 GW S KLEIN    | 0522861065 | K.8  | DEK 6 FSZ 41-50           | 0133360041 | K.8  |
| DEK 5 GW 142 | 0522660142 | K.7  | DEK 5 GW 58  | 0522660058 | K.7  | DEK 5 GW T          | 0522761040 | K.8  | DEK 6 FSZ 51-60           | 0133360051 | K.8  |
| DEK 5 GW 143 | 0522660143 | K.7  | DEK 5 GW 59  | 0522660059 | K.7  | DEK 5 GW T KLEIN    | 0522861066 | K.8  | DEK 6 FSZ 61-70           | 0133360061 | K.8  |
| DEK 5 GW 144 | 0522660144 | K.7  | DEK 5 GW 60  | 0522660060 | K.7  | DEK 5 GW U          | 0522761041 | K.8  | DEK 6 FSZ 71-80           | 0133360071 | K.8  |
| DEK 5 GW 145 | 0522660145 | K.7  | DEK 5 GW 61  | 0522660061 | K.7  | DEK 5 GW U KLEIN    | 0522861067 | K.8  | DEK 6 FSZ 81-90           | 0133360081 | K.8  |
| DEK 5 GW 146 | 0522660146 | K.7  | DEK 5 GW 62  | 0522660062 | K.7  | DEK 5 GW V          | 0522761042 | K.8  | DEK 6 FSZ 91-100          | 0133360091 | K.8  |
| DEK 5 GW 147 | 0522660147 | K.7  | DEK 5 GW 63  | 0522660063 | K.7  | DEK 5 GW V KLEIN    | 0522861068 | K.8  | DEK 6 FW 1,3,5...99       | 1358660000 | K.8  |
| DEK 5 GW 148 | 0522660148 | K.7  | DEK 5 GW 64  | 0522660064 | K.7  | DEK 5 GW W          | 0522761043 | K.8  | DEK 6 FW 101-150          | 0468660101 | K.8  |
| DEK 5 GW 149 | 0522660149 | K.7  | DEK 5 GW 65  | 0522660065 | K.7  | DEK 5 GW W KLEIN    | 0522861069 | K.8  | DEK 6 FW 1-5 (10X)        | 0688660000 | K.8  |
| DEK 5 GW 15  | 0522660015 | K.7  | DEK 5 GW 66  | 0522660066 | K.7  | DEK 5 GW W-STROM    | 0576261215 | K.8  | DEK 6 FW 1-50             | 0468660001 | K.8  |
| DEK 5 GW 150 | 0522660150 | K.7  | DEK 5 GW 67  | 0522660067 | K.7  | DEK 5 GW X          | 0522761044 | K.8  | DEK 6 FW 151-200          | 0468660151 | K.8  |
| DEK 5 GW 151 | 0522660151 | K.7  | DEK 5 GW 68  | 0522660068 | K.7  | DEK 5 GW X KLEIN    | 0522861070 | K.8  | DEK 6 FW 2,4...100        | 1358760000 | K.8  |
| DEK 5 GW 152 | 0522660152 | K.7  | DEK 5 GW 69  | 0522660069 | K.7  | DEK 5 GW Y          | 0522761045 | K.8  | DEK 6 FW 201-250          | 0468660201 | K.8  |
| DEK 5 GW 153 | 0522660153 | K.7  | DEK 5 GW 70  | 0522660070 | K.7  | DEK 5 GW Y KLEIN    | 0522861071 | K.8  | DEK 6 FW 251-300          | 0468660251 | K.8  |
| DEK 5 GW 154 | 0522660154 | K.7  | DEK 5 GW 71  | 0522660071 | K.7  | DEK 5 GW Z          | 0522761046 | K.8  | DEK 6 FW 301-350          | 0468660301 | K.8  |
| DEK 5 GW 155 | 0522660155 | K.7  | DEK 5 GW 72  | 0522660072 | K.7  | DEK 5 GW Z KLEIN    | 0522861072 | K.8  | DEK 6 FW 351-400          | 0468660351 | K.8  |
| DEK 5 GW 156 | 0522660156 | K.7  | DEK 5 GW 73  | 0522660073 | K.7  | DEK 5 NEUTRAL       | 0473360000 | K.8  | DEK 6 FW 401-450          | 0468660401 | K.8  |
| DEK 5 GW 157 | 0522660157 | K.7  | DEK 5 GW 74  | 0522660074 | K.7  | DEK 5 OR NEUTRAL    | 0473391690 | K.8  | DEK 6 FW 451-500          | 0468660451 | K.8  |
| DEK 5 GW 158 | 0522660158 | K.7  | DEK 5 GW 75  | 0522660075 | K.7  | DEK 5 RT NEUTRAL    | 0473391686 | K.8  | DEK 6 FW 501-550          | 0468660501 | K.8  |
| DEK 5 GW 159 | 0522660159 | K.7  | DEK 5 GW 76  | 0522660076 | K.7  | DEK 5 SW NEUT       |            |      |                           |            |      |

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| DEK 6 FWZ 161-170       | 0518960161 | K.8  | DEK 6 GW 79         | 0526960079 | K.9  | DEK 6,5 NEUTRAL         | 0468060000 | K.9  | DKT 4/35                | 0687460000 | A.19 |
| DEK 6 FWZ 171-180       | 0518960171 | K.8  | DEK 6 GW 8          | 0526960008 | K.8  | DEK 6,5 OR NEUTRAL      | 0468091690 | K.9  | DKT 4/35 PT100          | 8014720000 | A.56 |
| DEK 6 FWZ 181-190       | 0518960181 | K.8  | DEK 6 GW 80         | 0526960080 | K.9  | DEK 6,5 RT NEUTRAL      | 0468091686 | K.9  | DKT 4V 2STB             | 1304860000 | B.17 |
| DEK 6 FWZ 191-200       | 0518960191 | K.8  | DEK 6 GW 81         | 0526960081 | K.9  | DEK 6,5 SW NEUTRAL      | 0468091694 | K.9  | DKT 4V/35 2STB          | 1304960000 | A.19 |
| DEK 6 FWZ 201-210       | 0518960201 | K.8  | DEK 6 GW 82         | 0526960082 | K.9  | DEK 6,5 VI NEUTRAL      | 0468091689 | K.9  | DMS 2 Set               | 0664600000 | J.11 |
| DEK 6 FWZ 21-30         | 0518960021 | K.8  | DEK 6 GW 83         | 0526960083 | K.9  | DEK 8 BEDR./FARBIG      | 1289690000 | K.9  | DMS 3                   | 9007440000 | J.10 |
| DEK 6 FWZ 31-40         | 0518960031 | K.8  | DEK 6 GW 84         | 0526960084 | K.9  | DEK 8 FS 1-50 TAMPOPR.  | 1653350001 | K.9  | DMS 3 SET 1             | 9007470000 | J.10 |
| DEK 6 FWZ 41-50         | 0518960041 | K.8  | DEK 6 GW 85         | 0526960085 | K.9  | DEK 8 FS 51-100 TAMPOP. | 1653350005 | K.9  | DMS 3 SET 2             | 9007480000 | J.10 |
| DEK 6 FWZ 51-60         | 0518960051 | K.8  | DEK 6 GW 86         | 0526960086 | K.9  | DEK 8 FSZ 1-10          | 1289660001 | K.9  | DMS MANUELL 0,5-1,7     | 9918370000 | J.18 |
| DEK 6 FWZ 61-70         | 0518960061 | K.8  | DEK 6 GW 87         | 0526960087 | K.9  | DEK 8 FSZ 11-20         | 1289660011 | K.9  | DMS MANUELL 2,0-8,0     | 9918380000 | J.18 |
| DEK 6 FWZ 71-80         | 0518960071 | K.8  | DEK 6 GW 88         | 0526960088 | K.9  | DEK 8 FSZ 21-30         | 1289660021 | K.9  | DMS MANUELL 0,5-1,7     | 9918390000 | J.19 |
| DEK 6 FWZ 81-90         | 0518960081 | K.8  | DEK 6 GW 89         | 0526960089 | K.9  | DEK 8 FSZ 31-40         | 1289660031 | K.9  | DMSI MANUELL 2,0-8,0    | 9918400000 | J.19 |
| DEK 6 FWZ 91-100        | 0518960091 | K.8  | DEK 6 GW 9          | 0526960009 | K.8  | DEK 8 FSZ 41-50         | 1289660041 | K.9  | DQS 2 1D PS2,3 AG       | 0471460000 | I.13 |
| DEK 6 FWZ L1-ERDE I.KRE | 0631961203 | K.8  | DEK 6 GW 90         | 0526960090 | K.9  | DEK 8 FSZ 51-60         | 1289660051 | K.9  | DQS 2 PS2,3 AG M.BRUECK | 0471560000 | I.13 |
| DEK 6 FWZ L1-PE         | 0631961187 | K.8  | DEK 6 GW 91         | 0526960091 | K.9  | DEK 8 FSZ 61-70         | 1289660061 | K.9  | DQS 2 PS2,3 O.BATE      | 0471660000 | I.13 |
| DEK 6 GE NEUTRAL        | 0468591687 | K.8  | DEK 6 GW 92         | 0526960092 | K.9  | DEK 8 FSZ 71-80         | 1289660071 | K.9  | DS 12,5 SAK10           | 0207630000 | I.12 |
| DEK 6 GN NEUTRAL        | 0468591688 | K.8  | DEK 6 GW 93         | 0526960093 | K.9  | DEK 8 FSZ 81-90         | 1289660081 | K.9  | DS 12,5 SAK6N           | 0207730000 | I.12 |
| DEK 6 GR NEUTRAL        | 0468591691 | K.8  | DEK 6 GW 94         | 0526960094 | K.9  | DEK 8 FSZ 91-100        | 1289660091 | K.9  | DS 14 SAK4              | 0207530000 | I.12 |
| DEK 6 GW -              | 1318061199 | K.9  | DEK 6 GW 95         | 0526960095 | K.9  | DEK 8 FW 1-50 TAMPOPR.  | 1653340001 | K.9  | DS 9 SAK2,5             | 0330930000 | I.12 |
| DEK 6 GW +              | 1318061198 | K.9  | DEK 6 GW 96         | 0526960096 | K.9  | DEK 8 FW 51-100 TAMPOP. | 1653340051 | K.9  | DSTV VH 6.5             | 0286400000 | I.10 |
| DEK 6 GW 0              | 0526961000 | K.8  | DEK 6 GW 97         | 0526960097 | K.9  | DEK 8 FWZ 101-110       | 1276960101 | K.9  |                         |            |      |
| DEK 6 GW 1              | 0526960001 | K.8  | DEK 6 GW 98         | 0526960098 | K.9  | DEK 8 FWZ 1-10          | 1276960011 | K.9  |                         |            |      |
| DEK 6 GW 10             | 0526960010 | K.8  | DEK 6 GW 99         | 0526960099 | K.9  | DEK 8 FWZ 111-120       | 1276960111 | K.9  |                         |            |      |
| DEK 6 GW 100            | 0526960100 | K.9  | DEK 6 GW BL/SW -    | 1318091741 | K.9  | DEK 8 FWZ 11-20         | 1276960011 | K.9  | E 14/10A RT             | 0328400000 | B.24 |
| DEK 6 GW 11             | 0526960011 | K.8  | DEK 6 GW ERDE       | 1318061202 | K.9  | DEK 8 FWZ 121-130       | 1276960121 | K.9  | E 14/10A RT             | 0328400000 | A.28 |
| DEK 6 GW 12             | 0526960012 | K.8  | DEK 6 GW ERDE I.KR. | 1318061203 | K.9  | DEK 8 FWZ 131-140       | 1276960131 | K.9  | E 14/10A RT             | 0328400000 | B.26 |
| DEK 6 GW 13             | 0526960013 | K.8  | DEK 6 GW PE         | 1318061187 | K.9  | DEK 8 FWZ 141-150       | 1276960141 | K.9  | E 14/10A RT             | 0328400000 | A.28 |
| DEK 6 GW 14             | 0526960014 | K.8  | DEK 6 GW RT/SW +    | 1318091737 | K.9  | DEK 8 FWZ 21-30         | 1276960021 | K.9  | E 14/16A GR             | 0328500000 | B.24 |
| DEK 6 GW 15             | 0526960015 | K.8  | DEK 6 NEUTRAL       | 0468590000 | K.8  | DEK 8 FWZ 31-40         | 1276960031 | K.9  | E 14/16A GR             | 0328500000 | B.26 |
| DEK 6 GW 16             | 0526960016 | K.8  | DEK 6 NEUTRAL       | 0468590000 | K.8  | DEK 8 FWZ 41-50         | 1276960041 | K.9  | E 14/16A GR             | 0328500000 | A.28 |
| DEK 6 GW 17             | 0526960017 | K.8  | DEK 6 OR NEUTRAL    | 0468591690 | K.9  | DEK 8 FWZ 51-60         | 1276960051 | K.9  | E 14/16A GR             | 0328500000 | A.26 |
| DEK 6 GW 18             | 0526960018 | K.8  | DEK 6 RT NEUTRAL    | 0468591686 | K.9  | DEK 8 FWZ 61-70         | 1276960061 | K.9  | E 14/2A RS              | 0137400000 | A.28 |
| DEK 6 GW 19             | 0526960019 | K.8  | DEK 6 SW NEUTRAL    | 0468591694 | K.9  | DEK 8 FWZ 71-80         | 1276960071 | K.9  | E 14/2A RS              | 0137400000 | A.26 |
| DEK 6 GW 20             | 0526960020 | K.8  | DEK 6 VI NEUTRAL    | 0468591689 | K.9  | DEK 8 FWZ 81-90         | 1276960081 | K.9  | E 14/2A RS              | 0137400000 | B.26 |
| DEK 6 GW 200            | 0526960200 | K.9  | DEK 6,5 BL NEUTRAL  | 0468091693 | K.9  | DEK 8 FWZ 91-100        | 1276960091 | K.9  | E 14/2A RS              | 0137400000 | B.24 |
| DEK 6 GW 21             | 0526960021 | K.8  | DEK 6,5 FS 101-150  | 0468260101 | K.9  | DEK 8 GE NEUTRAL        | 1277091687 | K.9  | E 14/4A BR              | 0137500000 | A.26 |
| DEK 6 GW 22             | 0526960022 | K.8  | DEK 6,5 FS 1-50     | 0468260001 | K.9  | DEK 8 GN NEUTRAL        | 1277091688 | K.9  | E 14/4A BR              | 0137500000 | B.24 |
| DEK 6 GW 23             | 0526960023 | K.8  | DEK 6,5 FS 151-200  | 0468260151 | K.9  | DEK 8 NEUTRAL           | 1277091687 | K.9  | E 14/4A BR              | 0137500000 | B.26 |
| DEK 6 GW 24             | 0526960024 | K.8  | DEK 6,5 FS 201-250  | 0468260201 | K.9  | DEK 8 OR NEUTRAL        | 1277091690 | K.9  | E 14/4A BR              | 0137500000 | A.28 |
| DEK 6 GW 25             | 0526960025 | K.8  | DEK 6,5 FS 251-300  | 0468260251 | K.9  | DEK 8 RT NEUTRAL        | 1277091686 | K.9  | E 14/6A GN              | 0328300000 | A.26 |
| DEK 6 GW 26             | 0526960026 | K.8  | DEK 6,5 FS 351-400  | 0468260301 | K.9  | DEK 8 SONDERDR.FARBIG   | 1326690000 | K.9  | E 14/6A GN              | 0328300000 | B.24 |
| DEK 6 GW 27             | 0526960027 | K.8  | DEK 6,5 FS 401-450  | 0468260351 | K.9  | DEK 8 SONDERDR.WEISS    | 1326660000 | K.9  | E 14/6A GN              | 0328300000 | A.28 |
| DEK 6 GW 28             | 0526960028 | K.8  | DEK 6,5 FS 451-500  | 0468260401 | K.9  | DEK 8 VI NEUTRAL        | 1277091689 | K.9  | E 14/6A GN              | 0328300000 | B.26 |
| DEK 6 GW 29             | 0526960029 | K.8  | DEK 6,5 FS 501-550  | 0468260451 | K.9  | DK 4                    | 0355460000 | B.10 | E 16/10A RT TNDZ        | 0208500000 | A.26 |
| DEK 6 GW 3              | 0526960003 | K.8  | DEK 6,5 FS 51-100   | 0468260501 | K.9  | DK 4 BL                 | 0355480000 | B.10 | E 16/10A RT TNDZ        | 0208500000 | B.24 |
| DEK 6 GW 30             | 0526960030 | K.8  | DEK 6,5 FS 101-150  | 0468260551 | K.9  | DK 4 Q/EN               | 1907040000 | C.4  | E 16/10A RT TNDZ        | 0208500000 | A.28 |
| DEK 6 GW 31             | 0526960031 | K.8  | DEK 6,5 FS 151-200  | 0468260601 | K.9  | DK 4 Q/EN BL            | 1907030000 | C.4  | E 16/10A RT TNDZ        | 0208500000 | B.26 |
| DEK 6 GW 32             | 0526960032 | K.8  | DEK 6,5 FS 201-250  | 0468260651 | K.9  | DK 4 Q/EN               | 1907020000 | C.5  | E 16/10A RT TNDZ        | 0208500000 | A.28 |
| DEK 6 GW 33             | 0526960033 | K.8  | DEK 6,5 FS 251-300  | 0468260701 | K.9  | DK 4 SW 1X1             | 0536560000 | B.38 | E 16/16A GR TNDZ        | 0208600000 | A.26 |
| DEK 6 GW 34             | 0526960034 | K.8  | DEK 6,5 FS 301-350  | 0468260751 | K.9  | DK 4/32 1D 1K5          | 0855260000 | B.60 | E 16/16A GR TNDZ        | 0208600000 | B.26 |
| DEK 6 GW 35             | 0526960035 | K.8  | DEK 6,5 FS 351-400  | 0468260801 | K.9  | DK 4/32 1D CSA A1       | 0484060000 | B.58 | E 16/16A GR TNDZ        | 0208600000 | B.24 |
| DEK 6 GW 36             | 0526960036 | K.8  | DEK 6,5 FS 401-450  | 0468260851 | K.9  | DK 4/32 1D CSA A2       | 0467960000 | B.59 | E 16/20A BL TNDZ        | 0208700000 | B.24 |
| DEK 6 GW 37             | 0526960037 | K.8  | DEK 6,5 FS 451-500  | 0468260901 | K.9  | DK 4/32 1D CSA GET.SCH. | 0544460000 | B.58 | E 16/20A BL TNDZ        | 0208700000 | A.28 |
| DEK 6 GW 38             | 0526960038 | K.8  | DEK 6,5 FS 501-550  | 0468260951 | K.9  | DK 4/32 2D A1           | 0663960000 | B.60 | E 16/20A BL TNDZ        | 0208700000 | A.26 |
| DEK 6 GW 39             | 0526960039 | K.8  | DEK 6,5 FSZ 1-10    | 0407360001 | K.9  | DK 4/32 2D CSA A2       | 0523760000 | B.59 | E 16/20A BL TNDZ        | 0208700000 | B.26 |
| DEK 6 GW 4              | 0526960004 | K.8  | DEK 6,5 FSZ 11-20   | 0407360011 | K.9  | DK 4/32 2D CSA GET.SCH. | 0642760000 | B.59 | E 16/25A GE TNDZ        | 0208800000 | B.24 |
| DEK 6 GW 40             | 0526960040 | K.8  | DEK 6,5 FSZ 21-30   | 0407360021 | K.9  | DK 4/32 GL 100K 115VAC  | 0569560000 | B.57 | E 16/25A GE TNDZ        | 0208800000 | A.26 |
| DEK 6 GW 41             | 0526960041 | K.8  | DEK 6,5 FSZ 31-40   | 0407360031 | K.9  | DK 4/32 LD GR 24VDC A2  | 0646560000 | B.56 | E 16/25A GE TNDZ        | 0208800000 | B.26 |
| DEK 6 GW 42             | 0526960042 | K.8  | DEK 6,5 FSZ 41-50   | 0407360041 | K.9  | DK 4/32 LD ROT 24VDC    | 0210160000 | B.57 | E 16/25A GE TNDZ        | 0208800000 | A.28 |
| DEK 6 GW 43             | 0526960043 | K.8  | DEK 6,5 FSZ 51-60   | 0407360051 | K.9  | DK 4/32 LD ROT 24VDC A1 | 0495360000 | B.56 | E 18/20A BL             | 0361300000 | A.28 |
| DEK 6 GW 44             | 0526960044 | K.8  | DEK 6,5 FSZ 61-70   | 0407360061 | K.9  | DK 4/32 LD ROT 24VDC A2 | 0474460000 | B.56 | E 18/20A BL             | 0361300000 | B.25 |
| DEK 6 GW 45             | 0526960045 | K.8  | DEK 6,5 FSZ 71-80   | 0407360071 | K.9  | DK 4/32 RC 220R/220N    | 0692160000 | B.61 | E 18/20A BL             | 0361300000 | A.27 |
| DEK 6 GW 46             | 0526960046 | K.8  | DEK 6,5 FSZ 81-90   | 0407360081 | K.9  | DK 4/35                 | 0527660000 | A.12 | E 18/20A BL             | 0361300000 | B.26 |
| DEK 6 GW 47             | 0526960047 | K.8  | DEK 6,5 FSZ 91-100  | 0407360091 | K.9  | DK 4/35 1D 1K5 GET.SCH. | 0396960000 | A.55 | E 18/20A BL             | 0361400000 | B.26 |
| DEK 6 GW 48             | 0526960048 | K.8  | DEK 6,5 FW 1-50     | 0468160001 | K.9  | DK 4/35 1D A1           | 0538960000 | A.53 | E 18/25A GE             | 0361400000 | B.25 |
| DEK 6 GW 49             | 0526960049 | K.8  | DEK 6,5 FW 101-150  | 0468160101 | K.9  | DK 4/35 1D A1 BL        | 0538980000 | A.53 | E 18/25A GE             | 0361400000 | A.28 |
| DEK 6 GW 5              | 0526960005 | K.8  | DEK 6,5 FW 151-200  | 0468160151 | K.9  | DK 4/35 1D A2           | 0538980000 | A.54 | E 18/25A GE             | 0361400000 | A.27 |
| DEK 6 GW 50             | 0526960050 | K.8  | DEK 6,5 FW 201-250  | 0468160201 | K.9  | DK 4/35 1D GET.SCH.     | 0396360000 | A.53 | E 18/35A SW             | 0361500000 | B.26 |
| DEK 6 GW 51             | 0526960051 | K.8  | DEK 6,5 FW 251-300  | 0468160251 | K.9  | DK 4/35 2D GET.SCH. A1  | 0396660000 | A.54 | E 18/35A SW             | 0361500000 | A.28 |
| DEK 6 GW 52             | 0526960052 | K.8  | DEK 6,5 FW 301-350  | 0468160301 | K.9  | DK 4/35 2D GET.SCH. A2  | 0396760000 | A.55 | E 18/50A WS             | 0361600000 | B.25 |
| DEK 6 GW 53             | 0526960053 | K.8  | DEK 6,5 FW 351-400  | 0468160351 | K.9  | DK 4/35 LD ROT 24VDC    | 0396860000 | A.55 | E 18/50A WS             | 0361600000 | A.27 |
| DEK 6 GW 54             | 0526960054 | K.8  | DEK 6,5 FW 401-450  | 0468160401 | K.9  | DK 4/35 BL 1D I1,0A     | 0527680000 | A.12 | E 18/50A WS             | 0361600000 | A.28 |
| DEK 6 GW 55             | 0526960055 | K.8  | DEK 6,5 FW 451-500  | 0468160451 | K.9  | DK 4/35 GL 1D I1,0A     | 1111160000 | A.52 | E 18/50A WS             | 0361600000 | B.26 |
| DEK 6 GW 56             | 0526960056 | K.8  | DEK 6,5 FW 501-550  | 0468160501 | K.9  | DK 4/35 LD 1D ROT 24VAC | 0395960000 | A.51 | E 18/50A WS             | 0361700000 | B.26 |
| DEK 6 GW 57             | 0526960057 | K.8  | DEK 6,5 FW 51-100   | 0468160551 | K.9  | DK 4/35 LD GR 24VDC     | 0210060000 | A.51 | E 18/63A KU             | 0361700000 | A.27 |
| DEK 6 GW 58             | 0526960058 | K.8  | DEK 6,5 FW 101-150  | 0468160601 | K.9  | DK 4/35 LD GR 24VDC     | 0210460000 | A.51 | E 18/63A KU             | 0361700000 | B.25 |
| DEK 6 GW 59             | 0526960059 | K.8  | DEK 6,5 FW 151-200  | 0468160651 | K.9  | DK 4/35 LD GR 24VDC     | 0395460000 | A.50 | E 18/63A KU             | 0361700000 | A.28 |
| DEK 6 GW 60             | 0526960060 | K.8  | DEK 6,5 FW 201-250  | 0468160701 | K.9  | DK 4/35 LD GR 24VDC     | 0395760000 | A.50 | EK 10                   | 0354660000 | B.13 |
| DEK 6 GW 61             | 0526960061 | K.8  | DEK 6,5 FW 251-300  | 0468160751 | K.9  | DK 4/35 LD ROT 24VDC    | 0210260000 | A.51 | EK 10/35                | 0661360000 | A.15 |
| DEK 6 GW 62             |            |      |                     |            |      |                         |            |      |                         |            |      |



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| H1,5/20D SW ZH SV  | 9004750000 | J.30 | H2,5/26,5D ZH BL  | 9037520000 | J.29 | IH 2.8 DB               | 0386060000 | B.42 | KSKM 3/35 GZ 1 1/4X1/4  | 9509620000 | A.23 |
| H1,5/20D SW ZH SV  | 9004750000 | J.29 | H2,5/26,5T ZH GR  | 9037660000 | J.30 | IH 2.8 DB               | 0386060000 | E.9  | KST 10                  | 9501330000 | B.55 |
| H1,5/20D ZH SW     | 9037480000 | J.29 | H2,5/7            | 0373000000 | J.33 | IH 2.8 DB               | 0386060000 | B.43 | KST 10/35 M10X39        | 9506960000 | A.49 |
| H1,5/20D ZH SW     | 9037480000 | J.30 | H25,0/15          | 0124400000 | J.33 | IH 2.8 DB               | 0386060000 | B.44 | KST 10/35 M10X39        | 9528330000 | A.49 |
| H1,5/24 R          | 0565600000 | J.22 | H25,0/18          | 0375300000 | J.33 | IH 2.8 DB               | 0386060000 | B.36 | KST 12                  | 9501340000 | B.55 |
| H1,5/24D SW        | 9019150000 | J.24 | H25,0/25          | 9004170000 | J.33 | IH 2.8 DB               | 0386060000 | A.38 | KST 12/35 M12X37        | 9506970000 | A.49 |
| H1,5/24D SW        | 9019150000 | J.26 | H25,0/30 BR       | 0317000000 | J.22 | IH 2.8 DB               | 0386060000 | A.39 | KST 12/35 M12X37        | 9528340000 | A.49 |
| H1,5/24D SW SV     | 9004140000 | J.26 | H25,0/30D 16 GE   | 9019280000 | J.24 | IH 6.3 WEM GE           | 0386260000 | B.37 | KST 5                   | 9503370000 | B.54 |
| H1,5/24D SW SV     | 9004140000 | J.24 | H25,0/30T SW      | 9021190000 | J.26 | IH 6.3 WEM GE           | 0386260000 | A.38 | KST 5/35 M5X18          | 9528300000 | A.48 |
| H1,5/25,6 ZH R     | 9037310000 | J.28 | H25,0/32          | 9004180000 | J.33 | IH 6.3 WEM GE           | 0386260000 | B.36 | KST 6                   | 9501310000 | B.54 |
| H1,5/25,6D ZH SW   | 9037490000 | J.29 | H25,0/36 BR       | 0317100000 | J.22 | IH 6.3 WEM GE           | 0386260000 | E.9  | KST 6/35 M6X22          | 9506940000 | A.48 |
| H1,5/25,6D ZH SW   | 9037490000 | J.30 | H25,0/36D GE      | 9019300000 | J.24 | IH 6.3 WEM GE           | 0386260000 | B.43 | KST 8                   | 9501320000 | B.55 |
| H1,5/7             | 0372700000 | J.33 | H25,0/36T SW      | 9021200000 | J.26 | IH 6.3 WEM GE           | 0386260000 | A.36 | KST 8/35 M8X30          | 9506950000 | A.49 |
| H10,0/12           | 0282900000 | J.33 | H35,0/18          | 0368900000 | J.33 | IH 6.3 WEM GE           | 0386260000 | A.39 | KST 8/35 M8X30          | 9528320000 | A.49 |
| H10,0/15           | 0124600000 | J.33 | H35,0/25          | 9004190000 | J.33 | IH 6.3 WEM GE           | 0386260000 | B.44 | KT 12                   | 9002660000 | J.2  |
| H10,0/18           | 0379300000 | J.33 | H35,0/30 BE       | 0317200000 | J.22 | IH 6.3 WEM GE           | 0386260000 | E.8  | KT 8                    | 9002650000 | J.2  |
| H10,0/22 EB        | 0534200000 | J.22 | H35,0/30D 16 R    | 9019310000 | J.24 | IH 6.3 WEM GE           | 0386260000 | A.37 | KT ZQV                  | 9002170000 | J.3  |
| H10,0/22D R        | 9019240000 | J.24 | H35,0/30D R       | 9019320000 | J.24 | IH 6.3 WEM GE           | 0386260000 | B.42 |                         |            |      |
| H10,0/22T BR       | 9021150000 | J.26 | H35,0/30S         | 9451000000 | J.33 | IK 16/ZB16 BL           | 0502980000 | H.6  |                         |            |      |
| H10,0/24,5X R SV   | 9006830000 | J.31 | H35,0/32          | 9004200000 | J.33 | IK 16/ZB16 GG           | 0502960000 | H.6  |                         |            |      |
| H10,0/24DS ZH R    | 9018880000 | J.29 | H35,0/39 BE       | 9031730000 | J.22 | IK 35/ZB35 BL           | 0502780000 | H.6  | LADEGERAET DMS 3        | 9007460000 | J.10 |
| H10,0/26 ZH EB     | 9037340000 | J.28 | H35,0/39D R       | 9019330000 | J.24 | IK 4 BL ZB4             | 0475480000 | H.6  |                         |            |      |
| H10,0/26 ZH EB SV  | 9004940000 | J.28 | H4,0/12           | 0244100000 | J.33 | IK 4 GG ZB4             | 0475460000 | H.6  |                         |            |      |
| H10,0/26D R ZH SV  | 9004710000 | J.29 | H4,0/15           | 9004100000 | J.33 | IK 6 BL ZBE6K           | 0526080000 | H.6  |                         |            |      |
| H10,0/26D ZH R     | 9037570000 | J.29 | H4,0/17D GR       | 9019190000 | J.24 | IK 6 GG ZBE6K           | 0526060000 | H.6  | Magazin SMark Laser     | 1782880000 | K.21 |
| H10,0/26T ZH BR    | 9037710000 | J.30 | H4,0/17D GR       | 9019190000 | J.22 | IS 2 KG                 | 1806630000 | J.20 | MB M3/M5 CRM            | 0503500000 | H.15 |
| H10,0/26T ZH BR SV | 9005170000 | J.30 | H4,0/17T OR       | 9021100000 | J.26 | IS 3 KG                 | 1806650000 | J.20 | MB M5/M3 SW             | 0553400000 | H.15 |
| H10,0/28 EB        | 0565800000 | J.22 | H4,0/18           | 9004110000 | J.33 | IS 4 DIN 6911           | 0485100000 | J.20 | MB M6/M4 GR             | 0334900000 | H.15 |
| H10,0/28D R        | 9019250000 | J.24 | H4,0/19,5X GR SV  | 9006750000 | J.31 | IS 4 KG                 | 1806660000 | J.20 | MC-Mobilo 110V/220V     | 1741260001 | K.25 |
| H10,0/28T BR       | 9021160000 | J.26 | H4,0/20D GR       | 9019200000 | J.22 | IS 6 DIN 6911           | 0407900000 | J.20 | MC-MOBILU ALUFN. SF 4-6 | 1802180000 | K.25 |
| H10,0/30 ZH EB     | 9037350000 | J.28 | H4,0/20D GR       | 9019200000 | J.24 | IS 8 DIN 6911           | 0235000000 | J.20 | MCP AP                  | 1924360000 | K.24 |
| H10,0/30D ZH R     | 9037580000 | J.29 | H4,0/20T OR       | 9021100000 | J.26 | ISPF QB58 BL            | 0546080000 | I.13 | MCP AP LABELS           | 1924370000 | K.24 |
| H10,0/30T ZH BR    | 9037720000 | J.30 | H4,0/22D ZH GR    | 9037530000 | J.29 | ISPF QB58 RT            | 0546040000 | I.13 | MCP AP SF4-6            | 1924310000 | K.24 |
| H10,0/24S ZH EB    | 9018860000 | J.28 | H4,0/22D ZH GR    | 9037530000 | J.28 | ISPF QB58 SW            | 0546000000 | I.13 | MCP COVER               | 1924350000 | K.24 |
| H10,0/30DS ZH R    | 9018890000 | J.29 | H4,0/22T ZH OR    | 9037670000 | J.30 | ISPF QB75 BL            | 0526780000 | I.13 | MCP EP                  | 1935130000 | K.24 |
| H10,0/30S ZH EB    | 9018870000 | J.28 | H4,0/22T ZH OR SV | 9018590000 | J.30 | ISPF QB75 RT            | 0526760000 | I.13 | MCP KLEBESTREIFEN       | 1924320000 | K.24 |
| H120,0/32          | 9036240000 | J.33 | H4,0/26D GR       | 9019210000 | J.24 | ISPF QB75 SW            | 0526700000 | I.13 | MCP PLUS                | 1925000000 | K.23 |
| H120,0/50 BL       | 9028220000 | J.22 | H4,0/26D GR       | 9019210000 | J.22 |                         |            |      | MEHA OB/UN 16" SPX 3    | 9054080000 | J.4  |
| H150,0/32          | 9036250000 | J.33 | H4,0/26T OR       | 9021120000 | J.26 |                         |            |      | MEHA OB/UN 6" SPX 3     | 9054030000 | J.4  |
| H150,0/54 GE       | 9028230000 | J.22 | H4,0/28D ZH GR    | 9037540000 | J.29 |                         |            |      | MF 2/12 1X2.8/1.6       | 0241760000 | F.2  |
| H16,0/12           | 0492500000 | J.33 | H4,0/28D ZH GR    | 9037540000 | J.28 | KDKS 1/32               | 9503300000 | B.21 | MK 10/14                | 0370160000 | F.3  |
| H16,0/15           | 0124300000 | J.33 | H4,0/28T ZH OR    | 9037680000 | J.30 | KDKS 1/35               | 9503310000 | A.23 | MK 2/12                 | 0241260000 | F.2  |
| H16,0/18           | 0375200000 | J.33 | H4,0/9            | 0373100000 | J.33 | KDKS1/EN LD 115VAC      | 8142840000 | C.7  | MK 3/10                 | 0274620000 | F.2  |
| H16,0/24 GN        | 0565900000 | J.22 | H4/17 GR SV       | 9026010000 | J.22 | KDKS1/EN LD 230VAC      | 8148910000 | C.7  | MK 3/10/E               | 7906190000 | F.6  |
| H16,0/24D BL       | 9019260000 | J.24 | H4/17 GR SV       | 9026010000 | J.24 | KDKS1/EN LD 24 VAC      | 8148930000 | C.7  | MK 3/11/E               | 7906200000 | F.6  |
| H16,0/24T W        | 9021170000 | J.26 | H4/17T OR SV      | 9021250000 | J.26 | KDKS1/EN LD 24VDC       | 8146450000 | C.7  | MK 3/12                 | 0243520000 | F.2  |
| H16,0/25           | 9004150000 | J.33 | H4/22D ZH GR SV   | 9004730000 | J.29 | KDKS1/EN LD 48 VAC      | 8148920000 | C.7  | MK 3/12/E               | 7906210000 | F.6  |
| H16,0/25,5X BL SV  | 9006870000 | J.31 | H4/22D ZH GR SV   | 9004730000 | J.28 | KISC M2.5X11/4.5 AKZ1.5 | 0400100000 | I.9  | MK 3/2                  | 0273820000 | F.2  |
| H16,0/28 GN        | 0566000000 | J.22 | H50,0/18          | 9004210000 | J.33 | KISC M3X15/6 SAK2.5     | 0359000000 | I.9  | MK 3/2/E                | 7906110000 | F.6  |
| H16,0/28D BL       | 9019270000 | J.24 | H50,0/25          | 9025890000 | J.33 | KISC M3X15/6 SAK2.5     | 0359000000 | I.10 | MK 3/3                  | 0273920000 | F.2  |
| H16,0/28T W        | 9021180000 | J.26 | H50,0/32          | 9004220000 | J.33 | KISC M3X15/6 SAK2.5 CU5 | 0377200000 | B.32 | MK 3/3/E                | 7906120000 | F.6  |
| H16,0/29 ZH GN     | 9037360000 | J.28 | H50/36 OLIV       | 0444200000 | J.22 | KISC M3X15/6 SAK2.5 CU5 | 0377200000 | I.12 | MK 3/4                  | 0274020000 | F.2  |
| H16,0/29D ZH BL    | 9037590000 | J.29 | H50/36D BL        | 9019340000 | J.24 | KISC M3X15/6 SAK2.5 CU5 | 0377200000 | A.33 | MK 3/4/E                | 7906130000 | F.6  |
| H16,0/29T ZH W     | 9037730000 | J.30 | H50/40D BL        | 9019350000 | J.24 | KISC M3X20 SAK10 CU5    | 0377100000 | A.33 | MK 3/5                  | 0274120000 | F.2  |
| H16,0/32           | 9004160000 | J.33 | H6,0/20T GN       | 9021130000 | J.26 | KISC M3X20 SAK10 CU5    | 0377100000 | I.12 | MK 3/5/E                | 7906140000 | F.6  |
| H16,0/38 ZH GN     | 9037370000 | J.28 | H6,0/10           | 9004120000 | J.33 | KISC M3X20 SAK10 CU5    | 0377100000 | A.32 | MK 3/6                  | 0274220000 | F.2  |
| H16,0/38D ZH BL    | 9037600000 | J.29 | H6,0/12           | 0191900000 | J.33 | KISC M3X20 SAK10 CU5    | 0377100000 | B.31 | MK 3/6/E                | 7906150000 | F.6  |
| H16,0/38T ZH W     | 9037740000 | J.30 | H6,0/15           | 0124700000 | J.33 | KISC M3X20 SAK10 CU5    | 0377100000 | B.32 | MK 3/7                  | 0274320000 | F.2  |
| H185,0/32          | 9036260000 | J.33 | H6,0/18           | 9004130000 | J.33 | KISC M3X20 SAK10 CU5    | 0377100000 | I.21 | MK 3/7/E                | 7906160000 | F.6  |
| H2,5/10            | 9004080000 | J.33 | H6,0/20 SW        | 0535300000 | J.22 | KISC M3X20,5/10 EK4     | 0303000000 | D.3  | MK 3/8                  | 0274420000 | F.2  |
| H2,5/12            | 0186100000 | J.33 | H6,0/20D GE       | 9019220000 | J.24 | KISC M3X20,5/10 EK4     | 0303000000 | I.10 | MK 3/8/E                | 7906170000 | F.6  |
| H2,5/12DS BL       | 9028490000 | J.32 | H6,0/23,0X GE SV  | 9006790000 | J.31 | KISC M3X20,5/10 EK4     | 0303000000 | D.2  | MK 3/9                  | 0274520000 | F.2  |
| H2,5/12TS GR       | 9036200000 | J.32 | H6,0/25 ZH SW     | 9037320000 | J.28 | KISC M3X20,5/10 EK4     | 0303000000 | B.28 | MK 3/9/E                | 7906180000 | F.6  |
| H2,5/14 BL SV      | 9026100000 | J.22 | H6,0/25 ZH SW SV  | 9004930000 | J.28 | KISC M3X20,5/10 EK4     | 0303000000 | I.9  | MK 4/16                 | 0244220000 | F.3  |
| H2,5/14 BL SV      | 9026100000 | J.24 | H6,0/25D ZH GE    | 9037550000 | J.29 | KISC M3X20,5/10 EK4     | 0303000000 | A.11 | MK 5/2 O.DE             | 0243820000 | F.4  |
| H2,5/14D BL        | 9019160000 | J.22 | H6,0/25T ZH GN    | 9037690000 | J.30 | KISC M3X20,5/10 EK4     | 0346200000 | I.9  | MK 6/2                  | 0620420000 | F.3  |
| H2,5/14D BL        | 9019160000 | J.24 | H6,0/25T ZH GN SV | 9005160000 | J.30 | KISC M5X50/26 SAK95     | 0630200000 | B.9  | MK 6/2/E                | 7906220000 | F.7  |
| H2,5/14D BL BD     | 9004360000 | J.23 | H6,0/26 SW        | 0565700000 | J.22 | KISC M5X50/26 SAK95     | 0630200000 | A.10 | MK 6/3                  | 0620320000 | F.3  |
| H2,5/14D BL BD     | 9004360000 | J.24 | H6,0/26D GE       | 9019230000 | J.24 | KISC M5X50/26 SAK95     | 0630200000 | I.9  | MK 6/3/E                | 7906230000 | F.7  |
| H2,5/14D BL BD GSP | 9005850000 | J.23 | H6,0/29 ZH SW     | 9037330000 | J.28 | KLBUE 10-20             | 1600490000 | G.4  | MK 6/4                  | 0620220000 | F.3  |
| H2,5/14D BL BD GSP | 9005850000 | J.25 | H6,0/29D ZH GE    | 9037660000 | J.29 | KLBUE 10-20 CPF         | 1752701001 | G.11 | MK 6/4/E                | 7906240000 | F.7  |
| H2,5/14S BL        | 1333100000 | J.32 | H6,0/29T ZH GN    | 9037700000 | J.30 | KLBUE 10-20 SC          | 1712321001 | G.8  | MK 6/5/E                | 7906250000 | F.7  |
| H2,5/14T GR        | 9021070000 | J.26 | H6/25D ZH GE SV   | 9004720000 | J.29 | KLBUE 15-32             | 1716300000 | G.4  | MK 6/6                  | 0620120000 | F.3  |
| H2,5/14T GR BD     | 9004370000 | J.26 | H6/26T GN         | 9021140000 | J.26 | KLBUE 15-32 CPF         | 1752711001 | G.11 | MK 6/6/E                | 7906260000 | F.7  |
| H2,5/14T GR BD GSP | 9005910000 | J.27 | H7,0/25           | 9004230000 | J.33 | KLBUE 15-32 SC          | 1718341001 | G.8  | MOFU 35                 | 0495660000 | H.15 |
| H2,5/14T GR SV     | 9021240000 | J.26 | H7,0/32           | 9004240000 | J.33 | KLBUE 3-8               | 1600480000 | G.4  | MOFU 35/LO/1            | 0646260000 |      |

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| P 14/4 D01 BR SAKS4      | 0138100000 | A.26 | PS 2.3 RT   | 0180400000 | E.11 | Q 10 SAK10    | 0457400000 | A.8  | Q 2 SAK4     | 0336700000 | A.37 |
| P 14/4 D01 BR SAKS4      | 0138100000 | B.27 | PS 2.3 RT   | 0180400000 | B.59 | Q 10 SAK10    | 0457400000 | B.3  | Q 2 SAK4     | 0336700000 | B.3  |
| P 14/6 D01 GN SAKS4      | 0328600000 | B.27 | PS 2.3 RT   | 0180400000 | B.6  | Q 10 SAK10    | 0457400000 | B.7  | Q 2 SAK4     | 0336700000 | C.5  |
| P 14/6 D01 GN SAKS4      | 0328600000 | A.26 | PS 2.3 RT   | 0180400000 | A.40 | Q 10 SAK16    | 0457800000 | A.9  | Q 2 SAK4     | 0336700000 | 1.9  |
| P 14/6 D01 GN SAKS4      | 0328600000 | B.24 | PS 2.3 RT   | 0180400000 | B.18 | Q 10 SAK16    | 0457800000 | 1.9  | Q 2 SAK4     | 0336700000 | B.36 |
| P 14/6 D01 GN SAKS4      | 0328600000 | A.29 | PS 2.3 RT   | 0180400000 | A.39 | Q 10 SAK16    | 0457800000 | C.3  | Q 2 SAK4     | 0336700000 | A.36 |
| P 16/10 RT SAKS2         | 0208900000 | B.24 | PS 2.3 RT   | 0180400000 | B.58 | Q 10 SAK16    | 0457800000 | A.4  | Q 2 SAK4     | 0336700000 | A.3  |
| P 16/10 RT SAKS2         | 0208900000 | B.27 | PS 2.3 RT   | 0180400000 | B.60 | Q 10 SAK16    | 0457800000 | B.4  | Q 2 SAK4     | 0336700000 | D.6  |
| P 16/10 RT SAKS2         | 0208900000 | A.29 | PS 2.3 RT   | 0180400000 | A.36 | Q 10 SAK16    | 0457800000 | B.7  | Q 2 SAK4     | 0336700000 | A.7  |
| P 16/10 RT SAKS2         | 0208900000 | A.26 | PS 2.3 RT   | 0180400000 | A.37 | Q 10 SAK2.5   | 0368700000 | 1.9  | Q 2 SAK4     | 0336700000 | B.6  |
| P 16/16 GR SAKS2         | 0209000000 | A.26 | PS 2.3 RT   | 0180400000 | B.39 | Q 10 SAK2.5   | 0368700000 | A.2  | Q 2 SAK4     | 0336700000 | B.42 |
| P 16/16 GR SAKS2         | 0209000000 | A.29 | PS 2.3 RT   | 0180400000 | B.38 | Q 10 SAK2.5   | 0368700000 | A.7  | Q 2 SAK4     | 0336700000 | B.43 |
| P 16/16 GR SAKS2         | 0209000000 | B.24 | PS 2.3 RT   | 0180400000 | B.37 | Q 10 SAK2.5   | 0368700000 | B.2  | Q 2 SAK6N    | 0456700000 | 1.21 |
| P 16/16 GR SAKS2         | 0209000000 | B.27 | PS 2.3 RT   | 0180400000 | A.20 | Q 10 SAK2.5   | 0368700000 | B.45 | Q 2 SAK6N    | 0456700000 | 1.9  |
| P 16/20 BL SAKS2         | 0209100000 | B.27 | PS 2.3 RT   | 0180400000 | B.36 | Q 10 SAK2.5   | 0368700000 | B.38 | Q 2 SAK6N    | 0456700000 | A.8  |
| P 16/20 BL SAKS2         | 0209100000 | B.24 | PS 2.3 RT   | 0180400000 | B.61 | Q 10 SAK2.5   | 0368700000 | B.39 | Q 2 SAK6N    | 0456700000 | B.3  |
| P 16/20 BL SAKS2         | 0209100000 | A.26 | PS 2.3 RT   | 0180400000 | A.12 | Q 10 SAK2.5   | 0368700000 | B.6  | Q 2 SAK6N    | 0456700000 | C.3  |
| P 16/20 BL SAKS2         | 0209100000 | A.29 | PS 2.3 RT   | 0180400000 | B.32 | Q 10 SAK2.5   | 0368700000 | A.40 | Q 2 SAK6N    | 0456700000 | A.3  |
| P 18/20 D02 BL SAKS5     | 0361800000 | A.29 | PS 2.3 RT   | 0180400000 | C.2  | Q 10 SAK2.5   | 0368700000 | C.2  | Q 2 SAK6N    | 0456700000 | B.7  |
| P 18/20 D02 BL SAKS5     | 0361800000 | B.25 | PS 2.3 RT   | 0180400000 | B.16 | Q 10 SAK4     | 0368800000 | B.3  | Q 2 SAKD2.5N | 0367800000 | B.2  |
| P 18/20 D02 BL SAKS5     | 0361800000 | A.27 | PS 2.3 RT   | 0180400000 | B.10 | Q 10 SAK4     | 0368800000 | B.6  | Q 2 SAKD2.5N | 0367800000 | A.2  |
| P 18/20 D02 BL SAKS5     | 0361800000 | B.27 | PS 2.3 RT   | 0180400000 | B.17 | Q 10 SAK4     | 0368800000 | B.36 | Q 3 AKZ1.5   | 0368300000 | 1.11 |
| P 18/25 D02 GE SAKS5     | 0361900000 | B.25 | PS 2.3 RT   | 0180400000 | A.7  | Q 10 SAK4     | 0368800000 | C.2  | Q 3 AKZ1.5   | 0368300000 | E.10 |
| P 18/25 D02 GE SAKS5     | 0361900000 | B.27 | PS 2.3 RT   | 0180400000 | E.13 | Q 10 SAK4     | 0368800000 | A.3  | Q 3 AKZ1.5   | 0368300000 | E.2  |
| P 18/25 D02 GE SAKS5     | 0361900000 | A.29 | PS 2.3 RT   | 0180400000 | C.5  | Q 10 SAK4     | 0368800000 | B.42 | Q 3 AKZ4     | 0336500000 | A.50 |
| P 18/25 D02 GE SAKS5     | 0361900000 | A.27 | PS 2.3 RT   | 0180400000 | B.11 | Q 10 SAK4     | 0368800000 | C.5  | Q 3 AKZ4     | 0336500000 | B.10 |
| P 18/35 D02 SW SAKS5     | 0362000000 | B.27 | PS 2.3 RT   | 0180400000 | E.10 | Q 10 SAK4     | 0368800000 | B.43 | Q 3 AKZ4     | 0336500000 | B.60 |
| P 18/35 D02 SW SAKS5     | 0362000000 | B.25 | PS 2.3 RT   | 0180400000 | C.4  | Q 10 SAK4     | 0368800000 | 1.9  | Q 3 AKZ4     | 0336500000 | B.61 |
| P 18/35 D02 SW SAKS5     | 0362000000 | A.29 | PS 2.3 RT   | 0180400000 | E.12 | Q 10 SAK4     | 0368800000 | D.6  | Q 3 AKZ4     | 0336500000 | E.10 |
| P 18/35 D02 SW SAKS5     | 0362000000 | A.27 | PS 4 FSTB 4 | 0299600000 | A.5  | Q 10 SAK4     | 0368800000 | A.36 | Q 3 AKZ4     | 0336500000 | A.51 |
| P 18/50 D02 WS SAKS5     | 0362100000 | B.27 | PS 4 FSTB 4 | 0299600000 | B.7  | Q 10 SAK4     | 0368800000 | A.37 | Q 3 AKZ4     | 0336500000 | E.9  |
| P 18/50 D02 WS SAKS5     | 0362100000 | B.25 | PS 4 FSTB 4 | 0299600000 | A.6  | Q 10 SAK4     | 0368800000 | C.4  | Q 3 AKZ4     | 0336500000 | A.13 |
| P 18/50 D02 WS SAKS5     | 0362100000 | A.29 | PS 4 FSTB 4 | 0299600000 | A.3  | Q 10 SAK4     | 0368800000 | A.7  | Q 3 AKZ4     | 0336500000 | B.58 |
| P 18/50 D02 WS SAKS5     | 0362100000 | A.27 | PS 4 FSTB 4 | 0299600000 | D.9  | Q 10 SAK6N    | 0457000000 | 1.21 | Q 3 AKZ4     | 0336500000 | E.3  |
| P-CLEANER                | 1924330000 | K.25 | PS 4 FSTB 4 | 0299600000 | A.4  | Q 10 SAK6N    | 0457000000 | B.3  | Q 3 AKZ4     | 0336500000 | A.52 |
| P-CLEANER                | 1924330000 | K.24 | PS 4 FSTB 4 | 0299600000 | B.4  | Q 10 SAK6N    | 0457000000 | C.3  | Q 3 AKZ4     | 0336500000 | E.13 |
| P-INK                    | 1924340000 | K.24 | PS 4 FSTB 4 | 0299600000 | A.20 | Q 10 SAK6N    | 0457000000 | A.3  | Q 3 AKZ4     | 0336500000 | B.59 |
| P-INK                    | 1924340000 | K.25 | PS 4 FSTB 4 | 0299600000 | A.33 | Q 10 SAK6N    | 0457000000 | B.7  | Q 3 AKZ4     | 0336500000 | B.38 |
| PJ PRO TINTK FL          | 1027080000 | K.22 | PS 4 FSTB 4 | 0299600000 | B.5  | Q 10 SAK6N    | 0457000000 | 1.9  | Q 3 AKZ4     | 0336500000 | A.12 |
| PJ PRO TINTK INK C       | 1027050000 | K.22 | PS 4 FSTB 4 | 0299600000 | C.3  | Q 10 SAK6N    | 0457000000 | A.8  | Q 3 AKZ4     | 0336500000 | E.12 |
| PJ PRO TINTK INK K       | 1027040000 | K.22 | PS 4 FSTB 4 | 0299600000 | B.19 | Q 10 SAKD2.5N | 0368100000 | B.2  | Q 3 AKZ4     | 0336500000 | 1.9  |
| PJ PRO TINTK INK M       | 1027060000 | K.22 | PS 4 FSTB 4 | 0299600000 | B.30 | Q 10 SAKD2.5N | 0368100000 | A.2  | Q 3 AKZ4     | 0336500000 | A.39 |
| PJ PRO TINTK INK SET BK  | 1027090000 | K.22 | PS 4 FSTB 4 | 0299600000 | B.3  | Q 2 AKZ1.5    | 0368200000 | 1.11 | Q 3 AKZ4     | 0336500000 | A.54 |
| PJ PRO TINTK INK Y       | 1027070000 | K.22 | PS 4 FSTB 4 | 0299600000 | 1.14 | Q 2 AKZ1.5    | 0368200000 | E.2  | Q 3 AKZ4     | 0336500000 | B.11 |
| PJ-Clean Unit            | 4062150000 | K.22 | PS 4 FSTB 4 | 0299600000 | A.9  | Q 2 AKZ1.5    | 0368200000 | E.10 | Q 3 AKZ4     | 0336500000 | B.37 |
| PJ-PRO TINTK INK SET COL | 1027110000 | K.22 | PS 4 FSTB 4 | 0299600000 | B.8  | Q 2 AKZ4      | 0336400000 | E.10 | Q 3 AKZ4     | 0336500000 | A.56 |
| PLOTTER PEN 0.25 P-INK   | 1920640000 | K.25 | PS 4 FSTB 4 | 0299600000 | B.31 | Q 2 AKZ4      | 0336400000 | A.39 | Q 3 AKZ4     | 0336500000 | A.38 |
| PLOTTER PEN 0.25 P-INK   | 1920640000 | K.24 | PS 4 FSTB 4 | 0299600000 | B.9  | Q 2 AKZ4      | 0336400000 | B.61 | Q 3 AKZ4     | 0336500000 | A.53 |
| PLOTTER PEN 0.35 P-INK   | 1920650000 | K.24 | PS 4 FSTB 4 | 0299600000 | B.32 | Q 2 AKZ4      | 0336400000 | A.55 | Q 3 AKZ4     | 0336500000 | B.57 |
| PLOTTER PEN 0.35 P-INK   | 1920650000 | K.25 | PS 4 FSTB 4 | 0299600000 | A.10 | Q 2 AKZ4      | 0336400000 | A.56 | Q 3 AKZ4     | 0336500000 | A.55 |
| PLOTTER PEN 0.50 P-INK   | 1005710000 | K.25 | PS 4 FSTB 4 | 0299600000 | D.6  | Q 2 AKZ4      | 0336400000 | B.37 | Q 3 AKZ4     | 0336500000 | E.11 |
| PLOTTER PEN 0.50 P-INK   | 1005710000 | K.24 | PS 4 FSTB 4 | 0299600000 | B.29 | Q 2 AKZ4      | 0336400000 | B.57 | Q 3 AKZ4     | 0336500000 | 1.11 |
| PLOTTER PEN 0.70 P-INK   | 1011450000 | K.24 | PS 4 FSTB 4 | 0299600000 | B.28 | Q 2 AKZ4      | 0336400000 | E.11 | Q 3 AKZ4     | 0336500000 | B.56 |
| PLOTTER PEN 0.70 P-INK   | 1011450000 | K.25 | PS 4 FSTB 4 | 0299600000 | C.4  | Q 2 AKZ4      | 0336400000 | B.38 | Q 3 AKZ4SS   | 0369100000 | 1.11 |
| Plotterpen 0,18          | 1768570000 | K.25 | PS 4 FSTB 4 | 0299600000 | A.32 | Q 2 AKZ4      | 0336400000 | E.13 | Q 3 AKZ4SS   | 0369100000 | E.8  |
| Plotterpen 0,18          | 1768570000 | K.24 | PS 4 FSTB 4 | 0299600000 | A.8  | Q 2 AKZ4      | 0336400000 | A.12 | Q 3 DLJ      | 1312860000 | 1.11 |
| Plotterpen 0,25          | 1768540000 | K.25 | PZ 1.5      | 9005990000 | J.35 | Q 2 AKZ4      | 0336400000 | B.60 | Q 3 SAK10    | 0457200000 | C.3  |
| Plotterpen 0,25          | 1768540000 | K.24 | PZ 16       | 9012600000 | J.8  | Q 2 AKZ4      | 0336400000 | B.10 | Q 3 SAK10    | 0457200000 | B.7  |
| Plotterpen 0,35          | 1768550000 | K.25 | PZ 16       | 9012600000 | J.35 | Q 2 AKZ4      | 0336400000 | B.11 | Q 3 SAK10    | 0457200000 | A.8  |
| Plotterpen 0,35          | 1768550000 | K.24 | PZ 3        | 0567300000 | J.7  | Q 2 AKZ4      | 0336400000 | E.12 | Q 3 SAK10    | 0457200000 | A.3  |
| Plotterpen 0,5           | 1768560000 | K.25 | PZ 3        | 0567300000 | J.35 | Q 2 AKZ4      | 0336400000 | E.9  | Q 3 SAK10    | 0457200000 | B.3  |
| Plotterpen 0,5           | 1768560000 | K.24 | PZ 4        | 9012500000 | J.35 | Q 2 AKZ4      | 0336400000 | E.3  | Q 3 SAK10    | 0457200000 | 1.9  |
| PLOTTERPEN 0,7           | 1011440000 | K.25 | PZ 4        | 9012500000 | J.6  | Q 2 AKZ4      | 0336400000 | A.38 | Q 3 SAK16    | 0457600000 | B.4  |
| PLOTTERPEN 0,7           | 1011440000 | K.24 | PZ 50       | 9006450000 | J.35 | Q 2 AKZ4      | 0336400000 | A.50 | Q 3 SAK16    | 0457600000 | A.9  |
| POSC M3X20 PA/NA         | 0451300000 | 1.17 | PZ 50       | 9006450000 | J.9  | Q 2 AKZ4      | 0336400000 | B.56 | Q 3 SAK16    | 0457600000 | C.3  |
| PFFT/35                  | 3835020000 | D.9  | PZ 6 HEX    | 9013650000 | J.35 | Q 2 AKZ4      | 0336400000 | 1.11 | Q 3 SAK16    | 0457600000 | B.7  |
| PRINT KIT                | 1686920000 | K.25 | PZ 6 Roto   | 9014350000 | J.35 | Q 2 AKZ4      | 0336400000 | A.51 | Q 3 SAK16    | 0457600000 | 1.9  |
| PRINTJET PRO 115V        | 1024050000 | K.22 | PZ 6 Roto   | 9014350000 | J.7  | Q 2 AKZ4      | 0336400000 | A.53 | Q 3 SAK16    | 0457600000 | A.4  |
| PRINTJET PRO 230V        | 1001180001 | K.22 | PZ 6/5      | 9011460000 | J.35 | Q 2 AKZ4      | 0336400000 | A.52 | Q 3 SAK2.5   | 0337100000 | B.6  |
| PS 2.0 MC                | 0310000000 | 1.14 | PZ 6/5      | 9011460000 | J.6  | Q 2 AKZ4      | 0336400000 | A.13 | Q 3 SAK2.5   | 0337100000 | B.38 |
| PS 2.0 OR                | 0293800000 | 1.14 | PZ ZH 16    | 9013600000 | J.8  | Q 2 AKZ4      | 0336400000 | 1.9  | Q 3 SAK2.5   | 0337100000 | A.2  |
| PS 2.0 OR                | 0293800000 | A.33 | PZ ZH 16    | 9013600000 | J.35 | Q 2 AKZ4      | 0336400000 | B.58 | Q 3 SAK2.5   | 0337100000 | C.2  |
| PS 2.3 RT                | 0180400000 | E.3  |             |            |      | Q 2 AKZ4      | 0336400000 | B.59 | Q 3 SAK2.5   | 0337100000 | B.39 |
| PS 2.3 RT                | 0180400000 | A.2  |             |            |      | Q 2 AKZ4      | 0336400000 | A.54 | Q 3 SAK2.5   | 0337100000 | B.45 |
| PS 2.3 RT                | 0180400000 | E.9  |             |            |      | Q 2 AKZ4SS    | 0369000000 | 1.11 | Q 3 SAK2.5   | 0337100000 | A.7  |
| PS 2.3 RT                | 0180400000 | E.8  | Q 10 AKZ1.5 | 0368500000 | E.2  | Q 2 AKZ4SS    | 0369000000 | E.8  | Q 3 SAK2.5   | 0337100000 | B.2  |
| PS 2.3 RT                | 0180400000 | A.54 | Q 10 AKZ1.5 | 0368500000 | 1.11 | Q 2 DLJ       | 1312500000 | 1.11 | Q 3 SAK2.5   | 0337100000 | A.40 |
| PS 2.3 RT                | 0180400000 | B.28 | Q 10 AKZ1.5 | 0368500000 | E.10 | Q 2 SAK10     | 0457100000 | A.8  | Q 3 SAK4     | 0336800000 | A.3  |
| PS 2.3 RT                | 0180400000 | A.19 | Q 10 AKZ4   | 0368600000 | E.3  | Q 2 SAK10     | 0457100000 | B.7  | Q 3 SAK4     | 0336800000 | A.37 |
| PS 2.3 RT                | 0180400000 | 1.14 | Q 10 AKZ4   | 0368600000 | E.9  | Q 2 SAK10     | 0457100000 | B.3  | Q 3 SAK4     | 0336800000 | B.36 |
| PS 2.3 RT                | 0180400000 | A.50 | Q 10 AKZ4   | 0368600000 | B.38 | Q 2 SAK10     | 0457100000 | C.3  | Q 3 SAK4     | 0336800000 | C.4  |
| PS 2.3 RT                | 0180400000 | A.51 | Q 10 AKZ4   | 0368600000 | E.12 | Q 2 SAK10     | 0457100000 | A.3  | Q 3 SAK4     | 0336800000 | 1.9  |
| PS 2.3 RT                | 0180400000 | A.52 | Q 10 AKZ4   | 0368600000 | A.56 | Q 2 SAK10     | 0457100000 | 1.9  | Q 3 SAK4     | 0336800000 | B.6  |
| PS 2.3 RT                | 0180400000 | A.53 | Q 10 AKZ4   | 0368600000 | E.11 | Q 2 SAK16     | 0457500000 | B.4  | Q 3 SAK4     | 0336800000 | C.5  |
| PS 2.3 RT                | 0180400000 | A.11 | Q 10 AKZ4   | 03         |      |               |            |      |              |            |      |

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|----------------|------------|------|----------------|------------|------|------------------|------------|------|------------------|------------|------|
| Q 4 AKZ1.5     | 0368400000 | E.10 | QB 2 WI RA6 IS | 0482700000 | A.50 | QL 10 SAKS1      | 0338800000 | A.24 | QL 2 SAKS4       | 0328000000 | I.9  |
| Q 4 AKZ1.5     | 0368400000 | I.11 | QB 2 WI RA8 IS | 0461100000 | E.6  | QL 10 SAKS2      | 0338900000 | A.26 | QL 2 SAKS4       | 0328000000 | B.24 |
| Q 4 AKZ1.5     | 0368400000 | E.2  | QB 2 WI RA8 IS | 0461100000 | C.7  | QL 10 SAKS2      | 0338900000 | A.27 | QL 2 SAKS4       | 0328000000 | A.27 |
| Q 4 AKZ4       | 0336600000 | B.58 | QB 2 WI RA8 IS | 0461100000 | B.21 | QL 10 SAKS2      | 0338900000 | I.9  | QL 2 SAKS4       | 0328000000 | A.26 |
| Q 4 AKZ4       | 0336600000 | A.55 | QB 3 SAKT1     | 0205800000 | I.21 | QL 10 SAKS2      | 0338900000 | B.25 | QL 3 DLI         | 0297300000 | I.9  |
| Q 4 AKZ4       | 0336600000 | A.54 | QB 3 WI RA6 IS | 0482800000 | A.19 | QL 10 SAKS2      | 0338900000 | B.24 | QL 3 RFSF1+2     | 0267500000 | B.28 |
| Q 4 AKZ4       | 0336600000 | A.12 | QB 3 WI RA6 IS | 0482800000 | B.57 | QL 10 SAKS4      | 0339000000 | A.27 | QL 3 RFSF1+2     | 0267500000 | B.29 |
| Q 4 AKZ4       | 0336600000 | B.61 | QB 3 WI RA6 IS | 0482800000 | B.61 | QL 10 SAKS4      | 0339000000 | I.9  | QL 3 SAK10       | 0470400000 | I.9  |
| Q 4 AKZ4       | 0336600000 | A.53 | QB 3 WI RA6 IS | 0482800000 | B.39 | QL 10 SAKS4      | 0339000000 | B.24 | QL 3 SAK16       | 0470800000 | I.9  |
| Q 4 AKZ4       | 0336600000 | A.39 | QB 3 WI RA6 IS | 0482800000 | B.60 | QL 10 SAKS4      | 0339000000 | B.25 | QL 3 SAK2.5      | 0156000000 | B.32 |
| Q 4 AKZ4       | 0336600000 | B.59 | QB 3 WI RA6 IS | 0482800000 | B.56 | QL 10 SAKS4      | 0339000000 | A.26 | QL 3 SAK2.5      | 0156000000 | I.10 |
| Q 4 AKZ4       | 0336600000 | B.60 | QB 3 WI RA6 IS | 0482800000 | B.16 | QL 15 SAK6N      | 0221200000 | I.21 | QL 3 SAK2.5      | 0156000000 | I.9  |
| Q 4 AKZ4       | 0336600000 | A.56 | QB 3 WI RA6 IS | 0482800000 | B.38 | QL 2 DLI         | 0297200000 | I.9  | QL 3 SAK2.5      | 0156000000 | A.33 |
| Q 4 AKZ4       | 0336600000 | B.57 | QB 3 WI RA6 IS | 0482800000 | B.17 | QL 2 KST10       | 9501370000 | B.55 | QL 3 SAK35       | 0123700000 | C.4  |
| Q 4 AKZ4       | 0336600000 | E.3  | QB 3 WI RA6 IS | 0482800000 | A.55 | QL 2 KST10       | 9501370000 | A.49 | QL 3 SAK35       | 0123700000 | B.8  |
| Q 4 AKZ4       | 0336600000 | A.50 | QB 3 WI RA6 IS | 0482800000 | A.20 | QL 2 KST12       | 9501380000 | A.49 | QL 3 SAK35       | 0123700000 | B.4  |
| Q 4 AKZ4       | 0336600000 | A.38 | QB 3 WI RA6 IS | 0482800000 | B.40 | QL 2 KST12       | 9501380000 | B.55 | QL 3 SAK35       | 0123700000 | A.4  |
| Q 4 AKZ4       | 0336600000 | A.51 | QB 3 WI RA6 IS | 0482800000 | B.59 | QL 2 KST6        | 9501350000 | B.54 | QL 3 SAK35       | 0123700000 | A.5  |
| Q 4 AKZ4       | 0336600000 | E.9  | QB 3 WI RA6 IS | 0482800000 | A.50 | QL 2 KST6        | 9501350000 | A.48 | QL 3 SAK35       | 0123700000 | I.9  |
| Q 4 AKZ4       | 0336600000 | B.11 | QB 3 WI RA6 IS | 0482800000 | A.18 | QL 2 KST8        | 9501360000 | B.55 | QL 3 SAK35       | 0123700000 | B.5  |
| Q 4 AKZ4       | 0336600000 | I.11 | QB 3 WI RA6 IS | 0482800000 | A.56 | QL 2 KST8        | 9501360000 | A.49 | QL 3 SAK35N      | 0565000000 | B.9  |
| Q 4 AKZ4       | 0336600000 | A.52 | QB 3 WI RA6 IS | 0482800000 | B.58 | QL 2 RSF1+2      | 0267400000 | B.29 | QL 3 SAK35N      | 0565000000 | A.5  |
| Q 4 AKZ4       | 0336600000 | A.13 | QB 3 WI RA6 IS | 0482800000 | A.54 | QL 2 RSF1+2      | 0267400000 | B.28 | QL 3 SAK35N      | 0565000000 | I.9  |
| Q 4 AKZ4       | 0336600000 | B.37 | QB 3 WI RA6 IS | 0482800000 | A.53 | QL 2 SAK10       | 0470300000 | I.10 | QL 3 SAK35N      | 0565000000 | B.5  |
| Q 4 AKZ4       | 0336600000 | E.12 | QB 3 WI RA6 IS | 0482800000 | A.52 | QL 2 SAK10       | 0470300000 | I.9  | QL 3 SAK35N      | 0565000000 | A.9  |
| Q 4 AKZ4       | 0336600000 | B.10 | QB 3 WI RA6 IS | 0482800000 | A.51 | QL 2 SAK16       | 0470700000 | I.9  | QL 3 SAK4        | 0130700000 | A.37 |
| Q 4 AKZ4       | 0336600000 | B.38 | QB 3 WI RA8 IS | 0461200000 | E.6  | QL 2 SAK2.5      | 0155900000 | A.33 | QL 3 SAK4        | 0130700000 | I.9  |
| Q 4 AKZ4       | 0336600000 | E.13 | QB 3 WI RA8 IS | 0461200000 | C.7  | QL 2 SAK2.5      | 0155900000 | I.9  | QL 3 SAK4        | 0130700000 | A.38 |
| Q 4 AKZ4       | 0336600000 | E.11 | QB 3 WI RA8 IS | 0461200000 | B.21 | QL 2 SAK2.5      | 0155900000 | B.32 | QL 3 SAK4        | 0130700000 | B.44 |
| Q 4 AKZ4       | 0336600000 | E.10 | QB 4 SAKT1     | 0205900000 | I.21 | QL 2 SAK2.5      | 0155900000 | I.10 | QL 3 SAK4        | 0130700000 | B.37 |
| Q 4 AKZ4       | 0336600000 | B.56 | QB 4 WI RA6 IS | 0482900000 | A.53 | QL 2 SAK35       | 0123600000 | B.8  | QL 3 SAK6N       | 0194400000 | I.10 |
| Q 4 AKZ4SS     | 0369200000 | I.11 | QB 4 WI RA6 IS | 0482900000 | B.56 | QL 2 SAK35       | 0123600000 | I.9  | QL 3 SAK6N       | 0194400000 | B.28 |
| Q 4 AKZ4SS     | 0369200000 | E.8  | QB 4 WI RA6 IS | 0482900000 | A.54 | QL 2 SAK35       | 0123600000 | C.4  | QL 3 SAK6N       | 0194400000 | A.32 |
| Q 4 DLI        | 1312700000 | I.11 | QB 4 WI RA6 IS | 0482900000 | B.61 | QL 2 SAK35       | 0123600000 | B.5  | QL 3 SAK6N       | 0194400000 | I.21 |
| Q 4 SAK10      | 0457300000 | C.3  | QB 4 WI RA6 IS | 0482900000 | B.58 | QL 2 SAK35       | 0123600000 | B.4  | QL 3 SAK6N       | 0194400000 | A.33 |
| Q 4 SAK10      | 0457300000 | B.7  | QB 4 WI RA6 IS | 0482900000 | A.55 | QL 2 SAK35       | 0123600000 | A.4  | QL 3 SAK6N       | 0194400000 | B.32 |
| Q 4 SAK10      | 0457300000 | A.3  | QB 4 WI RA6 IS | 0482900000 | B.59 | QL 2 SAK35       | 0123600000 | A.5  | QL 3 SAK6N       | 0194400000 | A.11 |
| Q 4 SAK10      | 0457300000 | I.9  | QB 4 WI RA6 IS | 0482900000 | B.57 | QL 2 SAK35N      | 0564900000 | I.9  | QL 3 SAK6N       | 0194400000 | I.9  |
| Q 4 SAK10      | 0457300000 | B.3  | QB 4 WI RA6 IS | 0482900000 | A.52 | QL 2 SAK35N      | 0564900000 | A.9  | QL 3 SAK6N       | 0194400000 | B.31 |
| Q 4 SAK10      | 0457300000 | A.8  | QB 4 WI RA6 IS | 0482900000 | B.60 | QL 2 SAK35N      | 0564900000 | B.5  | QL 3 SAK70       | 0167000000 | I.9  |
| Q 4 SAK16      | 0457700000 | B.4  | QB 4 WI RA6 IS | 0482900000 | A.50 | QL 2 SAK35N      | 0564900000 | B.9  | QL 3 SAK70       | 0167000000 | B.9  |
| Q 4 SAK16      | 0457700000 | I.9  | QB 4 WI RA6 IS | 0482900000 | B.16 | QL 2 SAK35N      | 0564900000 | A.5  | QL 3 SAK70       | 0167000000 | A.6  |
| Q 4 SAK16      | 0457700000 | A.4  | QB 4 WI RA6 IS | 0482900000 | B.40 | QL 2 SAK4        | 0130600000 | A.38 | QL 3 SAKA10      | 0135600000 | B.19 |
| Q 4 SAK16      | 0457700000 | C.3  | QB 4 WI RA6 IS | 0482900000 | A.18 | QL 2 SAK4        | 0130600000 | B.44 | QL 3 SAKA10      | 0135600000 | A.20 |
| Q 4 SAK16      | 0457700000 | A.9  | QB 4 WI RA6 IS | 0482900000 | A.51 | QL 2 SAK4        | 0130600000 | B.37 | QL 3 SAKA10      | 0135600000 | B.30 |
| Q 4 SAK16      | 0457700000 | B.7  | QB 4 WI RA6 IS | 0482900000 | B.39 | QL 2 SAK4        | 0130600000 | A.37 | QL 3 SAKB10      | 0114300000 | B.30 |
| Q 4 SAK2.5     | 0337200000 | A.40 | QB 4 WI RA6 IS | 0482900000 | B.38 | QL 2 SAK4        | 0130600000 | I.10 | QL 3 SAKG28      | 0407600000 | B.46 |
| Q 4 SAK2.5     | 0337200000 | A.2  | QB 4 WI RA6 IS | 0482900000 | A.19 | QL 2 SAK4        | 0130600000 | I.9  | QL 3 SAKG28      | 0407600000 | I.9  |
| Q 4 SAK2.5     | 0337200000 | B.6  | QB 4 WI RA6 IS | 0482900000 | B.17 | QL 2 SAK6N       | 0194300000 | A.32 | QL 3 SAKG28      | 0407600000 | B.47 |
| Q 4 SAK2.5     | 0337200000 | B.45 | QB 4 WI RA6 IS | 0482900000 | A.56 | QL 2 SAK6N       | 0194300000 | I.9  | QL 3 SAKG28      | 0407600000 | A.10 |
| Q 4 SAK2.5     | 0337200000 | A.7  | QB 4 WI RA6 IS | 0482900000 | A.20 | QL 2 SAK6N       | 0194300000 | I.10 | QL 3 SAKG28      | 0407600000 | B.9  |
| Q 4 SAK2.5     | 0337200000 | B.39 | QB 4 WI RA8 IS | 0461300000 | E.6  | QL 2 SAK6N       | 0194300000 | A.11 | QL 3 SAKG32+70   | 0441500000 | A.43 |
| Q 4 SAK2.5     | 0337200000 | B.38 | QB 4 WI RA8 IS | 0461300000 | C.7  | QL 2 SAK6N       | 0194300000 | A.33 | QL 3 SAKG32+70   | 0441500000 | A.42 |
| Q 4 SAK2.5     | 0337200000 | B.2  | QB 4 WI RA8 IS | 0461300000 | B.21 | QL 2 SAK6N       | 0194300000 | B.32 | QL 3 SAKG32+70   | 0441500000 | A.44 |
| Q 4 SAK2.5     | 0337200000 | C.2  | QL 10 RFSF1+2  | 0341700000 | B.29 | QL 2 SAK6N       | 0194300000 | B.28 | QL 3 SAKG32+70   | 0441500000 | B.48 |
| Q 4 SAK4       | 0336900000 | A.37 | QL 10 RFSF1+2  | 0341700000 | B.28 | QL 2 SAK6N       | 0194300000 | I.21 | QL 3 SAKG32+70   | 0441500000 | B.49 |
| Q 4 SAK4       | 0336900000 | B.3  | QL 10 SAK10    | 0470600000 | I.9  | QL 2 SAK6N       | 0194300000 | B.31 | QL 3 SAKG32+70   | 0441500000 | B.50 |
| Q 4 SAK4       | 0336900000 | A.36 | QL 10 SAK16    | 0471000000 | I.9  | QL 2 SAK6N-SAK35 | 0207400000 | I.10 | QL 3 SAKG40      | 0263500000 | B.50 |
| Q 4 SAK4       | 0336900000 | C.4  | QL 10 SAK2.5   | 0338100000 | I.9  | QL 2 SAK70       | 0345300000 | A.6  | QL 3 SAKG40      | 0263500000 | B.51 |
| Q 4 SAK4       | 0336900000 | B.43 | QL 10 SAK2.5   | 0338100000 | A.33 | QL 2 SAK70       | 0345300000 | B.9  | QL 3 SAKG40/35   | 0444900000 | A.45 |
| Q 4 SAK4       | 0336900000 | C.2  | QL 10 SAK2.5   | 0338100000 | B.32 | QL 2 SAK70       | 0345300000 | I.9  | QL 3 SAKG46      | 0444400000 | A.46 |
| Q 4 SAK4       | 0336900000 | C.5  | QL 10 SAK2.5   | 0338100000 | I.10 | QL 2 SAKA10      | 0135500000 | I.10 | QL 3 SAKG46      | 0444400000 | B.52 |
| Q 4 SAK4       | 0336900000 | B.36 | QL 10 SAK35    | 0338600000 | C.4  | QL 2 SAKA10      | 0135500000 | B.19 | QL 3 SAKG46      | 0444400000 | A.47 |
| Q 4 SAK4       | 0336900000 | I.9  | QL 10 SAK35    | 0338600000 | B.8  | QL 2 SAKA10      | 0135500000 | A.20 | QL 3 SAKG54      | 0408000000 | B.53 |
| Q 4 SAK4       | 0336900000 | B.42 | QL 10 SAK35    | 0338600000 | A.5  | QL 2 SAKA10      | 0135500000 | B.30 | QL 3 SAKG54      | 0408000000 | A.47 |
| Q 4 SAK4       | 0336900000 | B.6  | QL 10 SAK35    | 0338600000 | A.4  | QL 2 SAKB10      | 0114100000 | B.30 | QL 3 SAKK 10     | 9502660000 | D.3  |
| Q 4 SAK4       | 0336900000 | A.7  | QL 10 SAK35    | 0338600000 | I.11 | QL 2 SAKG28      | 0551200000 | I.9  | QL 3 SAKK 10 TIN | 9509480000 | D.3  |
| Q 4 SAK4       | 0336900000 | D.6  | QL 10 SAK35    | 0338600000 | I.9  | QL 2 SAKG28      | 0551200000 | A.10 | QL 3 SAKK 4      | 9502550000 | D.2  |
| Q 4 SAK4       | 0336900000 | A.3  | QL 10 SAK35    | 0338600000 | B.4  | QL 2 SAKG28      | 0551200000 | B.47 | QL 3 SAKK 4 TIN  | 9509430000 | D.2  |
| Q 4 SAK6N      | 0456900000 | A.8  | QL 10 SAK35N   | 0338600000 | B.5  | QL 2 SAKG28      | 0551200000 | B.9  | QL 3 SAKS1       | 0191500000 | A.24 |
| Q 4 SAK6N      | 0456900000 | I.21 | QL 10 SAK35N   | 0565200000 | B.9  | QL 2 SAKG28      | 0551200000 | B.46 | QL 3 SAKS1       | 0191500000 | B.22 |
| Q 4 SAK6N      | 0456900000 | A.3  | QL 10 SAK35N   | 0565200000 | A.5  | QL 2 SAKG32+70   | 0194000000 | A.44 | QL 3 SAKS1       | 0191500000 | I.9  |
| Q 4 SAK6N      | 0456900000 | B.3  | QL 10 SAK35N   | 0565200000 | B.5  | QL 2 SAKG32+70   | 0194000000 | B.48 | QL 3 SAKS1       | 0191500000 | B.23 |
| Q 4 SAK6N      | 0456900000 | B.7  | QL 10 SAK35N   | 0565200000 | A.9  | QL 2 SAKG32+70   | 0194000000 | B.49 | QL 3 SAKS1       | 0191500000 | A.25 |
| Q 4 SAK6N      | 0456900000 | C.3  | QL 10 SAK35N   | 0565200000 | I.9  | QL 2 SAKG32+70   | 0194000000 | B.50 | QL 3 SAKS2       | 0207900000 | A.26 |
| Q 4 SAK6N      | 0456900000 | I.9  | QL 10 SAK4     | 0338200000 | B.37 | QL 2 SAKG32+70   | 0194000000 | A.43 | QL 3 SAKS2       | 0207900000 | B.24 |
| Q 4 SAKD2.5N   | 0368000000 | A.2  | QL 10 SAK4     | 0338200000 | A.38 | QL 2 SAKG32+70   | 0194000000 | A.42 | QL 3 SAKS2       | 0207900000 | A.27 |
| Q 4 SAKD2.5N   | 0368000000 | B.2  | QL 10 SAK4     | 0338200000 | A.37 | QL 2 SAKG40      | 0194100000 | B.50 | QL 3 SAKS2       | 0207900000 | B.25 |
| QB 10 SAKT1    | 0343800000 | I.21 | QL 10 SAK4     | 0338200000 | I.10 | QL 2 SAKG40      | 0194100000 | B.51 | QL 3 SAKS2       | 0207900000 | I.9  |
| QB 2 SAKT1     | 0205700000 | I.21 | QL 10 SAK4     | 0338200000 | I.9  | QL 2 SAKG40/35   | 0211400000 | A.45 | QL 3 SAKS4       | 0328100000 | B.25 |
| QB 2 WI RA6 IS | 0482700000 | B.40 | QL 10 SAK4     | 0338200000 | B.44 | QL 2 SAKG46      | 0247000000 | A.47 | QL 3 SAKS4       | 0328100000 | B.24 |
| QB 2 WI RA6 IS | 0482700000 | B.57 | QL 10 SAK6N    | 0338300000 | B.31 | QL 2 SAKG46      | 0247000000 | B.52 | QL 3 SAKS4       | 0328100000 | I.9  |
| QB 2 WI RA6 IS | 0482700000 | B.58 | QL 10 SAK6N    | 0338300000 | A.11 | QL 2 SAKG46      | 0247000000 | A.46 | QL 3 SAKS4       | 0328100000 | A.27 |
| QB 2 WI RA6 IS | 0482700000 | A.20 | QL 10 SAK6N    | 0338300000 | I.9  | QL 2 SAKG54      | 0264400000 | A.47 | QL 3 SAKS4       | 0328100000 | A.26 |

| Type              | Order No.  | Page | Type                  | Order No.  | Page       | Type                  | Order No.      | Page       | Type                    | Order No.               | Page       |      |
|-------------------|------------|------|-----------------------|------------|------------|-----------------------|----------------|------------|-------------------------|-------------------------|------------|------|
| QL 4 SAK35N       | 0565100000 | B.9  | RSF 2                 | 0623320000 | B.29       | SAK 4 CUN/EP/SW       | 0168800000     | D.6        | SAKG 46/35 II           | 0637920000              | A.46       |      |
| QL 4 SAK35N       | 0565100000 | A.9  | RSF 3 PA              | 0497560000 | B.28       | SAK 4 EP/SW           | 0128300000     | I.7        | SAKG 46/35 II/GW        | 0638020000              | A.47       |      |
| QL 4 SAK35N       | 0565100000 | A.5  | RSF 3/35              | 9501160000 | A.11       | SAK 4 EP/SW           | 0128300000     | D.6        | SAKG 54 II              | 0170720000              | B.53       |      |
| QL 4 SAK35N       | 0565100000 | I.9  |                       |            |            | SAK 4 KRG             | 0128320000     | B.6        | SAKG 54 II/GW           | 0185420000              | B.53       |      |
| QL 4 SAK4         | 0130800000 | B.44 | <b>S</b>              |            |            | SAK 4 KRG BL          | 0128370000     | I.7        | SAKG 54/35 II           | 0638120000              | A.47       |      |
| QL 4 SAK4         | 0130800000 | B.37 |                       |            |            | SAK 4 KRG BL          | 0128370000     | B.6        | SAKG 54/35 II/GW        | 0638220000              | A.47       |      |
| QL 4 SAK4         | 0130800000 | A.38 | SAK 10                | 0110060000 | B.3        | SAK 4 OR              | 0105060000     | I.7        | SAKG 70 II/GW           | 0150420000              | B.50       |      |
| QL 4 SAK4         | 0130800000 | A.37 | SAK 10 BL             | 0110080000 | B.3        | SAK 4 S 6.3/2.8       | 0401260000     | B.37       | SAKG 70/35 II/GW        | 0636620000              | A.44       |      |
| QL 4 SAK4         | 0130800000 | I.10 | SAK 10 BL             | 0110080000 | I.7        | SAK 4 S 6.3/2.8/KRG   | 0401220000     | B.44       | SAKH 10 CUN/EP/SW       | 1104700000              | D.7        |      |
| QL 4 SAK4         | 0130800000 | I.9  | SAK 10 KRG            | 0110020000 | B.7        | SAK 4 S/35 6.3/2.8    | 0630360000     | A.37       | SAKH 10 EP/SW           | 0126700000              | I.7        |      |
| QL 4 SAK6N        | 0194500000 | A.11 | SAK 10 KRG/BL         | 0110070000 | I.7        | SAK 4 SS 6.3/2.8      | 0479660000     | B.37       | SAKH 10 EP/SW           | 0126700000              | D.7        |      |
| QL 4 SAK6N        | 0194500000 | I.9  | SAK 10 KRG/BL         | 0110070000 | B.7        | SAK 4 SS 6.3/2.8 KRG  | 0479620000     | B.44       | SAKH 35 EP/SW           | 1596240000              | D.7        |      |
| QL 4 SAK6N        | 0194500000 | A.33 | SAK 10 OR             | 0110040000 | I.7        | SAK 4 SS 6.3/KRG      | 0352920000     | B.44       | SAKH 35 EP/SW           | 1596240000              | I.7        |      |
| QL 4 SAK6N        | 0194500000 | B.28 | SAK 10/35             | 0443760000 | A.3        | SAK 4 SS/35 6.3 GR    | 0646930000     | I.7        | SAKH 6 EP/SW            | 0126600000              | I.7        |      |
| QL 4 SAK6N        | 0194500000 | B.32 | SAK 10/35 BL          | 0443780000 | A.3        | SAK 4 SS/35 6.3/2.8   | 0630460000     | A.38       | SAKH 6 EP/SW            | 0126600000              | D.6        |      |
| QL 4 SAK6N        | 0194500000 | I.21 | SAK 10/35 BL          | 0443780000 | I.7        | SAK 4/35              | 0443660000     | A.3        | SAKH 10                 | 9502610000              | D.3        |      |
| QL 4 SAK6N        | 0194500000 | B.31 | SAK 10/35 KRG         | 0443720000 | A.8        | SAK 4/35 BL           | 0443680000     | A.3        | SAKH 10 KER/WS          | 1598090000              | D.3        |      |
| QL 4 SAK6N        | 0194500000 | A.32 | SAK 10/35 KRG/BL      | 0443770000 | A.8        | SAK 4/35 BL           | 0443680000     | I.7        | SAKH 4                  | 9502600000              | D.2        |      |
| QL 4 SAK6N        | 0194500000 | I.10 | SAK 10/35 KRG/BL      | 0443770000 | I.7        | SAK 4/35 KRG          | 0443620000     | A.7        | SAKH 4 KER/WS           | 1598080000              | D.2        |      |
| QL 4 SAKA10       | 0135700000 | B.30 | SAK 10/EN             | 0337660000 | C.3        | SAK 4/35 KRG/BL       | 0443670000     | A.7        | SAKR                    | 0412160000              | B.16       |      |
| QL 4 SAKA10       | 0135700000 | B.19 | SAK 10/EN BL          | 1784410000 | C.3        | SAK 4/35 KRG/BL       | 0443670000     | I.7        | SAKR 15                 | 0412760000              | E.3        |      |
| QL 4 SAKA10       | 0135700000 | A.20 | SAK 10/EN BL          | 1784410000 | I.7        | SAK 4/35 OR           | 1323660000     | I.7        | SAKR 15 2STB            | 0412860000              | E.3        |      |
| QL 4 SAKB10       | 0114500000 | B.30 | SAK 10/EN GR RAL 7042 | 1853960000 | I.7        | SAK 4/35/AP GG        | 0443650000     | I.7        | SAKR 2STB               | 0412260000              | B.16       |      |
| QL 4 SAKG28       | 0407700000 | B.47 | SAK 10/EN OR          | 1772830000 | I.7        | SAK 4/EN              | 0467460000     | C.2        | SAKR 2STB BL            | 0412280000              | B.16       |      |
| QL 4 SAKG28       | 0407700000 | I.9  | SAK 10/EN SW          | 0279900000 | I.7        | SAK 4/EN BL           | 0467480000     | I.7        | SAKR 2STB BL            | 0412280000              | I.7        |      |
| QL 4 SAKG28       | 0407700000 | A.10 | SAK 16                | 0271060000 | B.4        | SAK 4/EN BL           | 0467480000     | C.2        | SAKR 2STB KRG           | 0412220000              | B.18       |      |
| QL 4 SAKG28       | 0407700000 | B.46 | SAK 16 BL             | 0271080000 | I.7        | SAK 4/EN BR           | 9130990000     | I.7        | SAKR BL                 | 0412180000              | I.7        |      |
| QL 4 SAKG28       | 0407700000 | B.9  | SAK 16 BL             | 0271080000 | B.4        | SAK 4/EN GE           | 9129930000     | I.7        | SAKR BL                 | 0412180000              | B.16       |      |
| QL 4 SAKG32+70    | 0441600000 | B.49 | SAK 16 KRG            | 0271020000 | B.7        | SAK 4/EN GN           | 9129950000     | I.7        | SAKR KRG                | 0412120000              | B.18       |      |
| QL 4 SAKG32+70    | 0441600000 | A.43 | SAK 16/35 KRG         | 0380620000 | A.9        | SAK 4/EN GR           | 9129960000     | I.7        | SAKR LL                 | 0464460000              | B.40       |      |
| QL 4 SAKG32+70    | 0441600000 | A.42 | SAK 16/35 PA          | 0380600000 | A.4        | SAK 4/EN GR 7042      | 1853950000     | I.7        | SAKR LL 2STB            | 0294260000              | B.41       |      |
| QL 4 SAKG32+70    | 0441600000 | A.44 | SAK 16/35 PA/BL       | 0380680000 | I.7        | SAK 4/EN OR           | 0467400000     | I.7        | SAKR LS 2STB            | 0518160000              | B.40       |      |
| QL 4 SAKG32+70    | 0441600000 | B.48 | SAK 16/35 PA/BL       | 0380680000 | A.4        | SAK 4/EN RT           | 9129920000     | I.7        | SAKR OR                 | 1461960000              | I.7        |      |
| QL 4 SAKG32+70    | 0441600000 | B.50 | SAK 16/EN             | 0339760000 | C.3        | SAK 4/EN SW           | 9130980000     | I.7        | SAKR TS SE 1.6          | 0469360000              | B.39       |      |
| QL 4 SAKG40       | 0409800000 | B.50 | SAK 16/EN BL          | 1784390000 | I.7        | SAK 4/EN WS           | 1773340000     | I.7        | SAKR/35                 | 0172160000              | A.18       |      |
| QL 4 SAKG40       | 0409800000 | B.51 | SAK 16/EN BL          | 1784390000 | C.3        | SAK 6/35 GN/GE        | 1866850000     | I.7        | SAKR/35 2STB BL         | 0183380000              | I.7        |      |
| QL 4 SAKG40/35    | 0445000000 | A.45 | SAK 2.5               | 0279660000 | B.2        | SAK 6/35 KRG          | 0380520000     | A.8        | SAKR/35 BL              | 0172180000              | I.7        |      |
| QL 4 SAKG46       | 0444500000 | A.46 | SAK 2.5 AL BLUE (E)   | 6253140000 | I.7        | SAK 6/35 KRG/BL       | 0380570000     | A.8        | SAKR/35 BL              | 0172180000              | A.18       |      |
| QL 4 SAKG46       | 0444500000 | B.52 | SAK 2.5 BL            | 0279680000 | I.7        | SAK 6/35 KRG/BL       | 0380570000     | I.7        | SAKR/35 WS              | 0172190000              | I.7        |      |
| QL 4 SAKG46       | 0444500000 | A.47 | SAK 2.5 BL            | 0279680000 | B.2        | SAK 6/35 PA           | 0380560000     | A.3        | SAKR/35                 | 0185760000              | A.18       |      |
| QL 4 SAKG54       | 0247400000 | B.53 | SAK 2.5 BL            | RS-SET     | 1817860000 | I.7                   | SAK 6/35 PA/BL | 0380580000 | I.7                     | SAKS 1/32 G20 GL 115VAC | 0385320000 | B.22 |
| QL 4 SAKG54       | 0247400000 | A.47 | SAK 2.5 KRG           | 0279620000 | B.6        | SAK 6/35 PA/BL        | 0380580000     | A.3        | SAKS 1/32 G20 GL 230VAC | 0306120000              | B.22       |      |
| QL 4 SAKK 10      | 9502670000 | D.3  | SAK 2.5 KRG/BL        | 0279670000 | I.7        | SAK 6/EN              | 0212860000     | C.3        | SAKS 1/32 G20 LD 24VDC  | 0371420000              | B.22       |      |
| QL 4 SAKK 10 TIN  | 9509490000 | D.3  | SAK 2.5 KRG/BL        | 0279670000 | B.6        | SAK 6/EN BL           | 0212880000     | I.7        | SAKS 1/32 G25 GL 230VAC | 0309320000              | B.23       |      |
| QL 4 SAKK 4       | 9502560000 | D.2  | SAK 2.5 LS KRG        | 0544120000 | B.45       | SAK 6/EN BL           | 0212880000     | C.3        | SAKS 1/35 G20 GL 115VAC | 8068330000              | A.24       |      |
| QL 4 SAKK 4 TIN   | 9509440000 | D.2  | SAK 2.5 OR            | 1326360000 | I.7        | SAK 6/EN GE           | 1772820000     | I.7        | SAKS 1/35 G20 GL 230VAC | 0199920000              | A.24       |      |
| QL 4 SAKS1        | 0191600000 | A.25 | SAK 2.5 SL            | 0380480000 | B.39       | SAK 6/EN OR           | 1772810000     | I.7        | SAKS 1/35 G20 LD 24VAC  | 1111320000              | A.24       |      |
| QL 4 SAKS1        | 0191600000 | A.24 | SAK 2.5 SW 1X1        | 0108560000 | I.7        | SAK 6/EN RT           | 0212840000     | I.7        | SAKS 1/35 G20 LD 24VDC  | 0225820000              | A.24       |      |
| QL 4 SAKS1        | 0191600000 | B.23 | SAK 2.5 SW 1X1        | 0108560000 | B.38       | SAK 6/EN SW           | 0212810000     | I.7        | SAKS 1/35 G20 LD 48VAC  | 0214020000              | A.24       |      |
| QL 4 SAKS1        | 0191600000 | I.9  | SAK 2.5 SW 1X1/KRG    | 0108520000 | I.7        | SAK 6/EN WS           | 1773350000     | I.7        | SAKS 1/35 G25 GL 230VAC | 0198620000              | A.25       |      |
| QL 4 SAKS1        | 0191600000 | B.22 | SAK 2.5/35            | 0380460000 | A.2        | SAK 6N                | 0193260000     | B.3        | SAKS 1/35/G20           | 0501620000              | A.24       |      |
| QL 4 SAKS2        | 0208000000 | A.27 | SAK 2.5/35 BL         | 0380480000 | A.2        | SAK 6N BL             | 0193280000     | I.7        | SAKS 1/35/G25           | 0501520000              | A.25       |      |
| QL 4 SAKS2        | 0208000000 | A.26 | SAK 2.5/35 BL         | 0380480000 | I.7        | SAK 6N BL             | 0193280000     | B.3        | SAKS 1/G20              | 0191220000              | B.22       |      |
| QL 4 SAKS2        | 0208000000 | I.9  | SAK 2.5/35 DBL        | 1799920000 | I.7        | SAK 6N KRG            | 0193220000     | B.7        | SAKS 1/G25              | 0191120000              | B.23       |      |
| QL 4 SAKS2        | 0208000000 | B.24 | SAK 2.5/35 GE         | 1821480000 | I.7        | SAK 70 KRG            | 0340820000     | B.9        | SAKS 2                  | 0206820000              | B.24       |      |
| QL 4 SAKS2        | 0208000000 | B.25 | SAK 2.5/35 KRG        | 0380420000 | A.7        | SAK 70 KRG/BL         | 0340870000     | B.9        | SAKS 2/35               | 1368720000              | A.26       |      |
| QL 4 SAKS4        | 0328200000 | I.9  | SAK 2.5/35 KRG/BL     | 0380470000 | A.7        | SAK 70 KRG/BL         | 0340870000     | I.7        | SAKS 3 G/5X30 500V      | 0297520000              | B.23       |      |
| QL 4 SAKS4        | 0328200000 | A.26 | SAK 2.5/35 KRG/BL     | 0380470000 | I.7        | SAK 70/35             | 0139160000     | A.6        | SAKS 3 GZ/6.3X32        | 0248920000              | B.23       |      |
| QL 4 SAKS4        | 0328200000 | B.25 | SAK 2.5/35 LL         | 0567260000 | A.40       | SAK 95 KRG            | 0550520000     | B.9        | SAKS 3/35 G/5X30 500V   | 0328920000              | A.25       |      |
| QL 4 SAKS4        | 0328200000 | A.24 | SAK 2.5/35 OR         | 0380440000 | I.7        | SAK 95/35 KRG         | 0662220000     | A.10       | SAKS 3/35 GZ/6.3X32     | 0667520000              | A.25       |      |
| QL 4 SAKS4        | 0328200000 | B.27 | SAK 2.5/35 RT         | 1799910000 | I.7        | SAK 95/35 KRG/BL      | 0662270000     | I.7        | SAKS 4                  | 0321320000              | B.24       |      |
| QL 5 SAK6N        | 0220500000 | I.21 | SAK 2.5/35 SW         | 1799900000 | I.7        | SAKA 10               | 0134120000     | B.30       | SAKS 4 USA              | 0162220000              | B.25       |      |
| QL 6 SAK6N        | 0220600000 | I.21 | SAK 2.5/35 SW 1X1     | 0514060000 | I.7        | SAKA 10/EN 2GL 230VAC | 8109130000     | C.8        | SAKS 4/35               | 0501820000              | A.26       |      |
| QS 2/10/4         | 0270860000 | I.13 | SAK 2.5/EN            | 0218660000 | C.2        | SAKA 10/EN 2GL 24VUC  | 8150150000     | C.8        | SAKS 4/35 USA           | 0178220000              | A.27       |      |
| QS 2/10/4         | 0270860000 | I.21 | SAK 2.5/EN BL         | 0218680000 | I.7        | SAKB 10               | 0134920000     | B.30       | SAKS 5 380AC            | 0359420000              | B.25       |      |
| QS 2/12/4         | 0270760000 | I.13 | SAK 2.5/EN BL         | 0218680000 | C.2        | SAKC 10 2STB          | 0324120000     | B.19       | SAKS 5/35               | 0502120000              | A.27       |      |
| QS 2/12/4         | 0270760000 | I.21 | SAK 2.5/EN BR         | 1858450000 | I.7        | SAKC 10/35 1STB4 KRG  | 1404520000     | A.20       | SAKT 1/35/DU1           | 0105820000              | A.32       |      |
| QS 2/6.5/2.3 SAK4 | 0212700000 | I.13 | SAK 2.5/EN SW         | 1858440000 | I.7        | SAKC 4 KRG            | 0340720000     | B.19       | SAKT 1/35/LT            | 0105420000              | A.32       |      |
| QS 2/8/4          | 0270960000 | A.32 | SAK 2.5/EN WS         | 1858460000 | I.7        | SAKC 4/2STB7 BL       | 0340670000     | I.7        | SAKT 1/35/LT STB        | 0105620000              | A.32       |      |
| QS 2/8/4          | 0270960000 | A.33 | SAK 2.5/TC AL         | 0107160000 | B.34       | SAKC 4/35             | 0357520000     | A.20       | SAKT 1/35/QT1           | 0105720000              | A.33       |      |
| QS 2/8/4          | 0270960000 | I.13 | SAK 2.5/TC AL BL      | 0107180000 | I.7        | SAKD 2.5/35           | 0268860000     | A.2        | SAKT 1/35/QT2           | 0124620000              | A.33       |      |
| QS 2/8/4          | 0270960000 | B.32 | SAK 2.5/TC CH         | 0107260000 | B.34       | SAKD 2.5/35 BL        | 0268880000     | I.7        | SAKT 1/DU1              | 0195620000              | B.31       |      |
| QS 2/8/4          | 0270960000 | B.31 | SAK 2.5/TC CH BL      | 0107280000 | I.7        | SAKD 2.5/35 BL        | 0268880000     | A.2        | SAKT 1/DU2              | 0550420000              | B.31       |      |
| QS 2/8/4          | 0270960000 | I.21 | SAK 2.5/TC CU         | 0189860000 | B.34       | SAKD 2.5N             | 0215560000     | B.2        | SAKT 1/LT               | 0269120000              | B.31       |      |
| QVS 2 SAKT1+2     | 0307300000 | B.31 | SAK 2.5/TC CU         | 0189960000 | B.34       | SAKD 2.5N BL          | 0215580000     | B.2        | SAKT 1/LT STB14/4       | 0437920000              | B.31       |      |
| QVS 2 SAKT1+2     | 03         |      |                       |            |            |                       |                |            |                         |                         |            |      |

| Type             | Order No.  | Page | Type                    | Order No. | Page       | Type | Order No.               | Page       | Type | Order No.               | Page       |      |
|------------------|------------|------|-------------------------|-----------|------------|------|-------------------------|------------|------|-------------------------|------------|------|
| SCHT 7           | 0517960000 | K.17 | SS M3                   | D 128-A 3 | 0164400000 | B.28 | STB 14/D6/4/M3 SAK10    | 0169900000 | B.28 | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | E.3  |
| SCHT 9/4         | 1278460000 | K.18 | SS M3                   | D 128-A 3 | 0164400000 | A.11 | STB 14/D6/4/M3 SAK10    | 0169900000 | I.15 | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | A.39 |
| SD 0,4x2,0x60    | 9037160000 | J.15 | SS M3                   | D 128-A 3 | 0164400000 | I.10 | STB 14/D6/4/M3 SAK10    | 0169900000 | B.31 | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | A.50 |
| SD 0,4x2,5x75    | 9009030000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | I.10 | STB 16/D7/4/M4 SAK35    | 0140200000 | B.5  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | A.51 |
| SD 0,5x3,0x80    | 9008320000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | A.20 | STB 16/D7/4/M4 SAK35    | 0140200000 | A.5  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | A.38 |
| SD 0,6x3,5x100   | 9008330000 | J.13 | SS M4                   | D 128-A 4 | 0136400000 | B.5  | STB 16/D7/4/M4 SAK35    | 0140200000 | I.15 | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | E.11 |
| SD 0,6x3,5x100   | 9008330000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | A.26 | STB 16/D7/4/M4 SAK35    | 0140200000 | B.4  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | B.38 |
| SD 0,6x3,5x200   | 9010110000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | A.27 | STB 16/D7/4/M4 SAK35    | 0140200000 | A.9  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | B.37 |
| SD 0,8x4,0x100   | 9008340000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | C.4  | STB 16/D7/4/M4 SAK35    | 0140200000 | A.4  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | A.54 |
| SD 0,8x4,5x125   | 9009020000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | B.9  | STB 16/D7/4/M4 SAK35    | 0140200000 | C.4  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | E.12 |
| SD 1,0x5,5x150   | 9008350000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | B.8  | STB 16/D7/4/M4 SAK35    | 0140200000 | B.9  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | A.56 |
| SD 1,2x6,5x150   | 9009010000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | A.4  | STB 16/D7/4/M4 SAK35    | 0140200000 | B.8  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | E.2  |
| SD TH10          | 9009180000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | A.9  | STB 16/D7/4/M4 SAK35    | 0140200000 | B.30 | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | E.8  |
| SD TH15          | 9009170000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | A.4  | STB 16/D7/4/M5 SAK70    | 0385400000 | A.10 | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | E.13 |
| SD TH20          | 9009160000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | B.24 | STB 16/D7/4/M5 SAK70    | 0385400000 | I.15 | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | B.61 |
| SD TH25          | 9009150000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | A.5  | STB 16/D7/4/M5 SAK70    | 0385400000 | B.9  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | B.56 |
| SD TH30          | 9009140000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | B.19 | STB 16/D7/4/M5 SAK70    | 0385400000 | A.6  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | B.57 |
| SD TH8           | 9009190000 | J.15 | SS M4                   | D 128-A 4 | 0136400000 | B.25 | STB 17/D6/4/M4 SAKC10   | 0147100000 | B.19 | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | B.58 |
| SDI 0,4x2,5x75   | 9008370000 | J.14 | SS M5                   | D 128-A 5 | 0346100000 | A.10 | STB 17/D6/4/M4 SAKC10   | 0147100000 | A.20 | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | A.12 |
| SDI 0,5x3,0x100  | 9008380000 | J.14 | SS M5                   | D 128-A 5 | 0346100000 | B.9  | STB 17/D6/4/M4 SAKC10   | 0147100000 | D.9  | STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | A.55 |
| SDI 0,6x3,5x100  | 9008390000 | J.14 | SS M5                   | D 128-A 5 | 0346100000 | A.6  | STB 17/D6/4/M4 SAKC10   | 0147100000 | B.29 | STI Waterproof schwarz  | 0508401694 | K.24 |
| SDI 0,8x4,0x100  | 9008400000 | J.14 | SSCH 10X3X1000 CU/SN    |           | 0348900000 | G.7  | STB 17/D6/4/M4 SAKC10   | 0147100000 | I.15 | STI Waterproof schwarz  | 0508401694 | K.25 |
| SDI 0,4X2,0X60   | 9205690000 | J.14 | SSCH 10X3X1000 CU/SN    |           | 0348900000 | G.6  | STB 25 IH/BL            | 0343400000 | I.15 | STL 5                   | 0448460000 | C.6  |
| SDI 1,0x4,5x125  | 9008910000 | J.14 | SSCH 10X3X1000 CU/SN    |           | 0348900000 | G.5  | STB 25 IH/BL            | 0343400000 | L.20 | STR 15 F, ZGB 15        | 1636520000 | K.19 |
| SDI 1,0x5,5x150  | 9008410000 | J.14 | SSCH 10X3X1000 CU/SN    |           | 0348900000 | G.4  | STB 25 IH/GE            | 0267200000 | L.20 | STR 5 F.SCHT 5          | 0294000000 | K.17 |
| SDI 1,6x8,0x175  | 9008430000 | J.14 | SSCH 10X3X1000 CU/SN    |           | 0348900000 | H.3  | STB 25 IH/GE            | 0267200000 | I.15 | STR 5 S F.SCHT 5 S      | 1631940000 | K.17 |
| SDI 1.0X4.5X175  | 9205700000 | J.14 | SSCH 10X3X1000 CU/SN    |           | 0348900000 | A.31 | STB 25 IH/GR            | 0271200000 | L.20 | STR 7 F.SCHT 7          | 0155300000 | K.17 |
| SDI 1.0X5.5X175  | 9205710000 | J.14 | SSCH 10X3X1000 CU/SN    |           | 0348900000 | A.30 | STB 25 IH/GR            | 0271200000 | I.15 | STR 7 F.SCHT 7          | 0155300000 | K.19 |
| SDI T10          | 9009640000 | J.14 | SSCH 10X3X1000 MS/BK    |           | 0259800000 | H.3  | STB 25 IH/GR            | 0271400000 | I.15 | STRIPAX                 | 9005000000 | J.4  |
| SDI T15          | 9009650000 | J.14 | SSCH 10X3X1000 ST/ZN    |           | 0438000000 | H.3  | STB 25 IH/GR            | 0271400000 | L.20 | STRIPAX 16              | 9005610000 | J.4  |
| SDI T20          | 9009660000 | J.14 | SSCH 10X3X1000 ST/ZN    |           | 1746130000 | G.5  | STB 25 IH/RT            | 0343300000 | I.15 | STRIPAX PLUS 2.5        | 9020000000 | J.5  |
| SDI T25          | 9009670000 | J.14 | SSCH 10X3X1000 ST/ZN    |           | 1746130000 | G.7  | STB 25 IH/RT            | 0343300000 | L.20 | STRIPAX PLUS 2.5        | 9020000000 | J.35 |
| SDI T30          | 9009680000 | J.14 | SSCH 10X3X1000 ST/ZN    |           | 1746130000 | G.4  | STB 25 IH/SW            | 0271500000 | I.15 | SWIFTY                  | 9006020000 | J.13 |
| SDI T40          | 9009690000 | J.14 | SSCH 15X6X1000 CU/SN    |           | 0357400000 | H.3  | STB 25 IH/SW            | 0271500000 | L.20 | SWIFTY SET              | 9006060000 | J.13 |
| SDI T8           | 9201940000 | J.14 | SSCH 6X6X1000 CU/SN     |           | 0571300000 | H.3  | STB 25 IH/VI            | 0271300000 | L.20 |                         |            |      |
| SDIK PH0         | 9008560000 | J.14 | SSCH 6X6X1000 MS/BK     |           | 0571200000 | H.3  | STB 25 IH/VI            | 0271300000 | I.15 |                         |            |      |
| SDIK PH1         | 9008570000 | J.14 | SSP 3 SAKT1             |           | 0531760000 | A.33 | STB 28.5 IH/SW SAK2.5   | 0133400000 | I.15 |                         |            |      |
| SDIK PH2         | 9008580000 | J.14 | SSP 3 SAKT1             |           | 0531760000 | B.31 | STB 30.5 IH/BL          | 0341200000 | L.20 | TA 1                    | 0535860000 | I.14 |
| SDIK PH3         | 9008590000 | J.14 | SSP 3 SAKT1             |           | 0531760000 | A.32 | STB 30.5 IH/BL          | 0341200000 | I.15 | TB 2                    | 1287860000 | I.17 |
| SDIK P21         | 9008900000 | J.14 | SSP 3 SAKT1             |           | 0531760000 | L.20 | STB 30.5 IH/GE          | 0341500000 | I.15 | TH-S 9-40               | 9008880000 | J.16 |
| SDIK P22         | 9008890000 | J.14 | SSP 3 SAKT1             |           | 0531760000 | B.32 | STB 30.5 IH/GE          | 0341500000 | L.20 | Tinte 2000 25ml         | 1772120000 | K.25 |
| SDIZ 0.6X3.5X100 | 9008450000 | J.20 | SSP 4 SAKT4             |           | 1319360000 | L.20 | STB 30.5 IH/GR          | 0341400000 | L.20 | Tinte 2000 25ml         | 1772120000 | K.24 |
| SDIZ 0.8X4.0X100 | 9008460000 | J.20 | SSP 4 SAKT4             |           | 1319360000 | A.33 | STB 30.5 IH/GR          | 0341400000 | I.15 | Tintenpatrone PrintJet  | 1797460000 | K.22 |
| SDK PH0          | 9008470000 | J.15 | SSP 4 SAKT4             |           | 1319360000 | B.32 | STB 30.5 IH/GR          | 0341100000 | L.20 | Tonerbank PrintJet II   | 1858920000 | K.22 |
| SDK PH1          | 9008480000 | J.15 | ST 5 PA/BE              |           | 0448360000 | C.6  | STB 30.5 IH/GR          | 0341100000 | I.15 | TONER SMARK LASER       | 1770070000 | K.21 |
| SDK PH2          | 9008490000 | J.15 | STA 2.5/2               |           | 0165860000 | B.43 | STB 30.5 IH/RT          | 0341300000 | L.20 | TS 15x5 2M/AL/BK        | 0134700000 | H.10 |
| SDK PH3          | 9008500000 | J.15 | STA 2.5/2               |           | 0165860000 | A.36 | STB 30.5 IH/RT          | 0341300000 | I.15 | TS 15x5 2M/ST/ZN        | 0514200000 | H.10 |
| SDK P20          | 9008520000 | J.15 | STA 2.5/2               |           | 0165860000 | A.37 | STB 30.5 IH/SW          | 0341000000 | L.20 | TS 15x5/LL 1M/ST/ZN     | 0117510000 | H.10 |
| SDK P21          | 9008530000 | J.15 | STA 2.5/2               |           | 0165860000 | B.42 | STB 30.5 IH/SW          | 0341000000 | I.15 | TS 15x5/LL 2M/AL/BK     | 0217900000 | H.10 |
| SDK P22          | 9008540000 | J.15 | STA 2.5/2               |           | 0165860000 | A.36 | STB 30.5 IH/VI          | 0341600000 | I.15 | TS 15x5/LL 2M/ST/ZN     | 0117500000 | H.10 |
| SDK P23          | 9008550000 | J.15 | STA 2.5/3               |           | 0165960000 | A.37 | STB 30.5 IH/VI          | 0341600000 | L.20 | TS 27x12.5M/ST/F.ZN     | 1802690000 | G.11 |
| SH 1             | 0299860000 | H.4  | STA 2.5/3               |           | 0165960000 | B.36 | STB 35 IH/BL            | 0388700000 | L.20 | TS 32x15 2M/AL/BK       | 0169300000 | H.10 |
| SH 2             | 0494920000 | A.14 | STA 2.5/3               |           | 0165960000 | B.42 | STB 35 IH/BL            | 0388700000 | I.15 | TS 32x15 2M/CRN         | 0293220000 | H.10 |
| SH 2             | 0494920000 | A.15 | STA 2.5/3               |           | 0165960000 | B.43 | STB 35 IH/GE            | 0389000000 | I.15 | TS 32x15 2M/ST/ZN       | 0122800000 | H.10 |
| SH 2             | 0494920000 | A.16 | STA 2.5/3               |           | 0165960000 | A.46 | STB 35 IH/GE            | 0389000000 | L.20 | TS 32x15/LL 2M/ST/ZN    | 0514400000 | H.10 |
| SH 2             | 0494920000 | A.17 | STA 2.5/4               |           | 0190360000 | B.32 | STB 35 IH/GR            | 0388900000 | L.20 | TS 32x16.2 2M/AL/BK     | 0364300000 | H.10 |
| SH 2             | 0494920000 | B.15 | STA 2.5/4               |           | 0190360000 | B.36 | STB 35 IH/GR            | 0388900000 | I.15 | TS 35x15 2M/ST/ZN       | 0236400000 | H.11 |
| SH 2             | 0494920000 | H.4  | STA 2.5/4               |           | 0190360000 | A.37 | STB 35 IH/GR            | 0388600000 | L.20 | TS 35x15/2.3 2M/AL/BK   | 1848290000 | H.11 |
| SH 2             | 0494920000 | B.14 | STA 2.5/4               |           | 0190360000 | A.36 | STB 35 IH/GR            | 0388600000 | I.15 | TS 35x15/2.3 2M/AL/BK   | 0270100000 | H.11 |
| SH 2             | 0494920000 | B.13 | STA 2.5/4               |           | 0190360000 | B.43 | STB 35 IH/RT            | 0388800000 | I.15 | TS 35x15/2.3 2M/ST/ZN   | 0498000000 | H.11 |
| SH 2             | 0494920000 | B.12 | STA 2.5/5               |           | 0166060000 | B.42 | STB 35 IH/RT            | 0388800000 | L.20 | TS 35x15/6X18 2M/ST/ZN  | 1805980000 | H.11 |
| SH 2             | 0494920000 | L.12 | STA 2.5/5               |           | 0166060000 | B.43 | STB 35 IH/SW            | 0388500000 | L.20 | TS 35x15/6X25 2M/ST/ZN  | 1866290000 | H.11 |
| SH 2 S           | 0641720000 | H.4  | STA 2.5/5               |           | 0166060000 | B.36 | STB 35 IH/SW            | 0388500000 | I.15 | TS 35x15/LL 1M/ST/ZN    | 0236510000 | H.11 |
| SH 3             | 0556660000 | H.4  | STA 2.5/5               |           | 0166060000 | A.36 | STB 35 IH/VI            | 0389100000 | L.20 | TS 35x15/LL 2M/ST/ZN    | 0236500000 | H.11 |
| SK 10,0x125      | 9009070000 | J.15 | STA 2.5/5               |           | 0166060000 | A.37 | STB 35 IH/VI            | 0389100000 | I.15 | TS 35x7.5 2M/AL/BK      | 0330900000 | H.11 |
| SK 11,0x125      | 9009060000 | J.15 | STA 2.5/8               |           | 0166160000 | B.42 | STB 5.5/D3.7/2.3/M3 ZB  | 0122700000 | I.15 | TS 35x7.5 1M/ST/ZN      | 0383410000 | H.11 |
| SK 12,0x125      | 9009050000 | J.15 | STA 2.5/8               |           | 0166160000 | A.36 | STB 6/D3.7/2.3/M3 SAKR  | 0379400000 | B.16 | TS 35x7.5 2M/AL/BK      | 0330900000 | H.11 |
| SK 13,0x125      | 9009040000 | J.15 | STA 2.5/8               |           | 0166160000 | B.36 | STB 6/D3.7/2.3/M3 SAKR  | 0379400000 | B.18 | TS 35x7.5 2M/CRN        | 1747350000 | H.11 |
| SK 5,5x125       | 9009120000 | J.15 | STA 2.5/8               |           | 0166160000 | B.43 | STB 6/D3.7/2.3/M3 SAKR  | 0379400000 | B.40 | TS 35x7.5 2M/ST/ZN      | 0383400000 | H.11 |
| SK 6,0x125       | 9009110000 | J.15 | STA 2.5/8               |           | 0166160000 | A.37 | STB 6/D3.7/2.3/M3 SAKR  | 0379400000 | A.18 | TS 35x7.5/LL 1M/ST/ZN   | 0514510000 | H.11 |
| SK 7,0x125       | 9009100000 | J.15 | STB 13.5/D6/4/M4 SAKA10 |           | 0135200000 | B.30 | STB 6/D3.7/2.3/M3 SAKR  | 0379400000 | I.15 | TS 35x7.5/LL 2M/ST/ZN   | 0514500000 | H.11 |
| SK 8,0x125       | 9009090000 | J.15 | STB 13.5/D6/4/M4 SAKA10 |           | 0135200000 | I.15 | STB 6/D3.9/2.3/M2.5 ZB  | 0130200000 | B.6  | TS 35x7.5/LL 6M/ST/ZN   | 0514570000 | H.11 |
| SK 9,0x125       | 9009080000 | J.15 | STB 14/D5/2.3/M3 SAK2.5 |           | 0168600000 | A.11 | STB 6/D3.9/2.3/M2.5 ZB  | 0130200000 | I.15 | TSCH 1                  | 0319160000 | A.9  |
| SK E14 SAKS4     | 0339410000 | A.26 | STB 14/D5/2.3/M3 SAK2.5 |           | 0168600000 | B.3  | STB 7.5/D6/4/M4 ZB/SAKB | 0130000000 | I.15 | TSCH 1                  | 0319160000 | B.2  |
| SK E14 SAKS4     | 0339410000 | B.24 | STB 14/D5/2.3/M3 SAK2.5 |           | 0168600000 | B.28 | STB 7/D4/2.3/M3 ZB/SAKC | 0358500000 | B.19 | TSCH 1                  | 0319160000 | A.8  |
| SK E14 SAKS4 USA | 2012790000 | B.25 | STB 14/D5/2.3/M3 SAK2.5 |           |            |      |                         |            |      |                         |            |      |

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| TSCH 2                  | 0353660000 | B.32 | TW SAK2.5 KRG/BL     | 0302870000 | B.6  | VH 10/4/2.8 AKZ4        | 0446600000 | A.56 | VL 2 SAK16/SAKA         | 0135800000 | A.9  |
| TSCH 2                  | 0353660000 | A.32 | TW SAK2.5 KRG/BL     | 0302870000 | A.7  | VH 10/4/2.8 AKZ4        | 0446600000 | A.55 | VL 2 SAK16/SAKA         | 0135800000 | B.4  |
| TSCH 3 SAKD2.5 N        | 0366860000 | B.2  | TW SAK2.5-35/32 KRG  | 0257120000 | B.30 | VH 10/4/2.8 AKZ4        | 0446600000 | E.12 | VL 2 SAK16/SAKA         | 0135800000 | C.3  |
| TSCH 3 SAKD2.5 N        | 0366860000 | A.2  | TW SAK35             | 0304360000 | A.5  | VH 10/4/2.8 AKZ4        | 0446600000 | B.56 | VL 2 SAK16/SAKA         | 0135800000 | B.7  |
| TSCH 4 AKZ4             | 0363360000 | E.13 | TW SAK35             | 0304360000 | C.4  | VH 10/4/2.8 AKZ4        | 0446600000 | A.50 | VL 2 SAK35              | 0124000000 | A.4  |
| TSCH 4 AKZ4             | 0363360000 | A.55 | TW SAK35             | 0304360000 | B.4  | VH 10/4/2.8 AKZ4        | 0446600000 | A.54 | VL 2 SAK35              | 0124000000 | B.4  |
| TSCH 4 AKZ4             | 0363360000 | B.57 | TW SAK35             | 0304360000 | A.4  | VH 10/4/2.8 AKZ4        | 0446600000 | B.59 | VL 2 SAK35              | 0124000000 | B.5  |
| TSCH 4 AKZ4             | 0363360000 | A.51 | TW SAK35             | 0304360000 | B.5  | VH 12.5 SAKK10          | 9502690000 | D.3  | VL 2 SAK35              | 0124000000 | A.5  |
| TSCH 4 AKZ4             | 0363360000 | A.53 | TW SAK35 KRG         | 0304320000 | B.9  | VH 12.5 SAKK10          | 9509510000 | D.3  | VL 2 SAK35              | 0124000000 | I.12 |
| TSCH 4 AKZ4             | 0363360000 | E.3  | TW SAK35 KRG         | 0304320000 | A.9  | VH 12.5/5/3.5 SAK10-2.5 | 0300800000 | I.10 | VL 2 SAK35              | 0124000000 | B.8  |
| TSCH 4 AKZ4             | 0363360000 | A.54 | TW SAK35 KRG         | 0304320000 | B.8  | VH 12.4/9/3.3 SAK6N     | 0249000000 | B.32 | VL 2 SAK4               | 0197000000 | I.12 |
| TSCH 4 AKZ4             | 0363360000 | A.52 | TW SAK4-10 EP/SW     | 0130100000 | D.6  | VH 12.4/9/3.3 SAK6N     | 0249000000 | B.31 | VL 2 SAK4               | 0197000000 | C.4  |
| TSCH 4 AKZ4             | 0363360000 | E.12 | TW SAK4-10 KRG       | 0130120000 | A.8  | VH 12.4/9/3.3 SAK6N     | 0249000000 | I.10 | VL 2 SAK4               | 0197000000 | C.2  |
| TSCH 4 AKZ4             | 0363360000 | E.11 | TW SAK4-10 KRG       | 0130120000 | B.44 | VH 12.4/9/3.3 SAK6N     | 0249000000 | A.32 | VL 2 SAK4               | 0197000000 | B.6  |
| TSCH 4 AKZ4             | 0363360000 | B.60 | TW SAK4-10 KRG       | 0130120000 | A.20 | VH 12.4/9/3.3 SAK6N     | 0249000000 | I.21 | VL 2 SAK4               | 0197000000 | A.7  |
| TSCH 4 AKZ4             | 0363360000 | B.56 | TW SAK4-10 KRG       | 0130120000 | B.6  | VH 12.4/9/3.3 SAK6N     | 0249000000 | I.9  | VL 2 SAK4               | 0197000000 | C.5  |
| TSCH 4 AKZ4             | 0363360000 | B.59 | TW SAK4-10 KRG       | 0130120000 | A.7  | VH 12.4/9/3.3 SAK6N     | 0249000000 | A.33 | VL 2 SAK4               | 0197000000 | B.3  |
| TSCH 4 AKZ4             | 0363360000 | B.38 | TW SAK4-10 KRG       | 0130120000 | B.7  | VH 12.4/9/3.3 SAK6N     | 0249000000 | I.9  | VL 2 SAK4               | 0197000000 | A.3  |
| TSCH 4 AKZ4             | 0363360000 | A.50 | TW SAK4-10 KRG       | 0130120000 | B.19 | VH 13.5 SAKK 4          | 9502580000 | D.2  | VL 2 SAK6/10/SAKB       | 0135900000 | B.7  |
| TSCH 4 AKZ4             | 0363360000 | B.61 | TW SAK4-10 KRG/BL    | 0130170000 | A.8  | VH 13.5 SAKK4           | 9509460000 | D.2  | VL 2 SAK6/10/SAKB       | 0135900000 | A.3  |
| TSCH 4 AKZ4             | 0363360000 | E.10 | TW SAK4-10 KRG/BL    | 0130170000 | A.7  | VH 13.5/4.9/3.3 SAK4    | 0248500000 | A.11 | VL 2 SAK6/10/SAKB       | 0135900000 | B.3  |
| TSCH 4 AKZ4             | 0363360000 | B.58 | TW SAK4-10 KRG/BL    | 0130170000 | A.20 | VH 13.5/4.9/3.3 SAK4    | 0248500000 | I.9  | VL 2 SAK6/10/SAKB       | 0135900000 | I.12 |
| TSCH 6 DK1 S4           | 0190260000 | B.37 | TW SAK4-10 KRG/BL    | 0130170000 | B.19 | VH 13.5/4.9/3.3 SAK4    | 0248500000 | I.10 | VL 2 SAK6/10/SAKB       | 0135900000 | A.8  |
| TSCH 6 DK1 S4           | 0190260000 | A.38 | TW SAK4-10 KRG/BL    | 0130170000 | B.7  | VH 13.5/4.9/3.3 SAK4    | 0248500000 | B.28 | VL 2 SAK6N/SAKT         | 0194700000 | A.8  |
| TSCH 6 DK1 S4           | 0190260000 | A.39 | TW SAK4-10 KRG/BL    | 0130170000 | B.6  | VH 13.6/7/4.2 SAKA10    | 0299700000 | A.20 | VL 2 SAK6N/SAKT         | 0194700000 | A.3  |
| TSCH 6 DK1 S4           | 0190260000 | B.10 | TW SAK4-10 KRG/BL    | 0130170000 | B.44 | VH 13.6/7/4.2 SAKA10    | 0299700000 | B.19 | VL 2 SAK6N/SAKT         | 0194700000 | C.3  |
| TSCH 6 DK1 S4           | 0190260000 | A.12 | TW SAKB/C/T1         | 0242960000 | A.20 | VH 13/5/3.5 SAK 10      | 0304000000 | I.10 | VL 2 SAK6N/SAKT         | 0194700000 | B.7  |
| TSCH 6 DK1 S4           | 0190260000 | B.11 | TW SAKB/C/T1         | 0242960000 | B.32 | VH 16/5/3.5 SAK10-35    | 0309700000 | I.10 | VL 2 SAK6N/SAKT         | 0194700000 | B.28 |
| TSCH 6 DK1 S4           | 0190260000 | A.13 | TW SAKB/C/T1         | 0242960000 | A.32 | VH 16/5/3.5 SAK10-35    | 0309700000 | A.33 | VL 2 SAK6N/SAKT         | 0194700000 | I.12 |
| TSK 31.5 GR             | 0347960000 | L.16 | TW SAKB/C/T1         | 0242960000 | A.33 | VH 16/5/3.5 SAK10-35    | 0309700000 | B.32 | VL 2 SAK6N/SAKT         | 0194700000 | A.11 |
| TSK 35X15 2M PVC/GR     | 0514300000 | H.12 | TW SAKB/C/T1         | 0242960000 | B.31 | VH 17/8/5 SAK35         | 0267000000 | A.9  |                         |            |      |
| TST 2/M5                | 1286600000 | H.14 | TW SAKB-C-T          | 0242920000 | B.30 | VH 17/8/5 SAK35         | 0267000000 | B.4  |                         |            |      |
| TST 2/M6                | 0101700000 | H.14 | TW SAKB-C-T          | 0242920000 | A.20 | VH 17/8/5 SAK35         | 0267000000 | I.10 |                         |            |      |
| TSTW 5/M5               | 0178100000 | H.14 | TW SAKB-C-T          | 0242920000 | B.19 | VH 17/8/5 SAK35         | 0267000000 | B.9  | WAD 12 M. BL            | 1055960000 | K.18 |
| TSTW 5/M5 ZN            | 1779100000 | H.14 | TW SAKD2.5N          | 0191860000 | A.2  | VH 17/8/5 SAK35         | 0267000000 | A.5  | WAD 12 NEUTRAL          | 1056260000 | K.18 |
| TSTW 6/M6               | 0164000000 | H.14 | TW SAKD2.5N          | 0191860000 | B.2  | VH 17/8/5 SAK35         | 0267000000 | B.5  | WAD 27 M. BL            | 1062860000 | K.18 |
| TSTW D 4.3              | 1610100000 | H.14 | TW SAKD2.5N BL       | 0191880000 | B.2  | VH 17/8/5 SAK35         | 0267000000 | B.2  | WAD 27 NEUTRAL          | 1062960000 | K.18 |
| TW 4 SAK4-10            | 0130160000 | C.4  | TW SAKD2.5N BL       | 0191880000 | A.2  | VH 17/8/5 SAK35         | 0267000000 | C.4  | WAD 5 M. BL             | 1053460000 | K.18 |
| TW 4 SAK4-10            | 0130160000 | C.5  | TW SAKG28 HP/DBR/2   | 0151400000 | B.47 | VH 17/8/5 SAK35         | 0267000000 | B.8  | WAD 5 NEUTRAL           | 1056060000 | K.18 |
| TW 4 SAK4-10            | 0130160000 | B.3  | TW SAKG28 HP/DBR/2   | 0151400000 | B.46 | VH 17/8/5 SAK35         | 0267000000 | I.9  | WAD 5 Sonderdruck       | 1790060000 | K.18 |
| TW 4 SAK4-10            | 0130160000 | B.37 | TW SAKG28 HP/DBR/2   | 0151400000 | B.48 | VH 19/5/3.5 SAK4-16     | 0285100000 | B.6  | WAD 8 M. BL             | 1053560000 | K.18 |
| TW 4 SAK4-10            | 0130160000 | A.38 | TW SAKG28 HP/DBR/2   | 0151400000 | A.44 | VH 19/5/3.5 SAK4-16     | 0285100000 | B.3  | WAD 8 NEUTRAL           | 1056160000 | K.18 |
| TW 4 SAK4-10            | 0130160000 | C.2  | TW SAKG28 HP/DBR/2   | 0151400000 | A.49 | VH 19/5/3.5 SAK4-16     | 0285100000 | B.7  | WAD 8 SONDERDRUCK       | 1667700000 | K.18 |
| TW 4 SAK4-10            | 0130160000 | A.37 | TW SAKG28 HP/DBR/2   | 0151400000 | B.43 | VH 19/5/3.5 SAK4-16     | 0285100000 | A.4  | WAW 1 NEUTRAL           | 9004500000 | J.3  |
| TW 4 SAK4-10            | 0130160000 | A.36 | TW SAKG28 HP/DBR/2   | 0151400000 | B.50 | VH 19/5/3.5 SAK4-16     | 0285100000 | B.4  | WAW 2                   | 9004510000 | J.3  |
| TW 4 SAK4-10            | 0130160000 | B.44 | TW SAKG28 HP/TF/GE/2 | 0164600000 | A.43 | VH 19/5/3.5 SAK4-16     | 0285100000 | A.3  | WEW 32/1                | 1067600000 | H.13 |
| TW 4 SAK4-10            | 0130160000 | A.43 | TW SAKG28 HP/TF/GE/2 | 0164600000 | A.44 | VH 19/5/3.5 SAK4-16     | 0285100000 | C.5  | WEW 35/1                | 1059000000 | H.5  |
| TW 4 SAK4-10            | 0130160000 | C.3  | TW SAKG28 HP/TF/GE/2 | 0164600000 | B.47 | VH 19/5/3.5 SAK4-16     | 0285100000 | A.8  | WEW 35/2                | 1061200000 | H.13 |
| TW 4 SAK4-10 BL         | 0130180000 | C.5  | TW SAKG28 HP/TF/GE/2 | 0164600000 | B.50 | VH 19/5/3.5 SAK4-16     | 0285100000 | C.2  | WEW 35/2                | 1061200000 | H.5  |
| TW 4 SAK4-10 BL         | 0130180000 | C.4  | TW SAKG28 HP/TF/GE/2 | 0164600000 | B.46 | VH 19/5/3.5 SAK4-16     | 0285100000 | I.12 | WGB 5 ABDG.M.GRUPPENBEZ | 1050760000 | K.18 |
| TW 4 SAK4-10 BL         | 0130180000 | A.3  | TW SAKG28 HP/TF/GE/2 | 0164600000 | B.48 | VH 19/5/3.5 SAK4-16     | 0285100000 | C.3  | WGB 8 ABDG.M.GRUPPENBEZ | 1050960000 | K.18 |
| TW 4 SAK4-10 BL         | 0130180000 | C.3  | TW SAKG28 HP/TF/GE/2 | 0164600000 | B.49 | VH 19/5/3.5 SAK4-16     | 0285100000 | A.7  | WK IK PH0               | 9918460000 | J.19 |
| TW 4 SAK4-10 BL         | 0130180000 | C.2  | TW SAKG46 HP/DBR/2   | 0177100000 | B.52 | VH 19/5/3.5 SAK4-16     | 0285100000 | C.4  | WK IK PH1               | 9918470000 | J.19 |
| TW 4 SAK4-10 BL         | 0130180000 | B.3  | TW SAKG46 HP/DBR/2   | 0177100000 | A.42 | VH 19/5/3.5 SAK4-16     | 0285100000 | A.9  | WK IK PH2               | 9918480000 | J.19 |
| TW ADK1 HP/DBR/0.5      | 0442300000 | E.11 | TW SAKG46 HP/DBR/2   | 0177100000 | A.49 | VH 19/6/4.2 SAKT1       | 0318000000 | B.32 | WK IK PZ0               | 9918490000 | J.19 |
| TW AK22.5               | 0318560000 | E.2  | TW SAKG46 HP/DBR/2   | 0177100000 | B.43 | VH 19/6/4.2 SAKT1       | 0318000000 | A.32 | WK IK PZ1               | 9918500000 | J.19 |
| TW AK22.5               | 0318560000 | E.13 | TW SAKG46 HP/DBR/2   | 0177100000 | A.47 | VH 19/6/4.2 SAKT1       | 0318000000 | A.33 | WK IK PZ2               | 9918510000 | J.19 |
| TW AK22.5 BL            | 0318580000 | E.2  | TW SAKG46 HP/DBR/2   | 0177100000 | B.53 | VH 19/6/4.2 SAKT1       | 0318000000 | B.31 | WK IK PH0               | 9918570000 | J.18 |
| TW AK24                 | 0348260000 | E.9  | TW SAKG46 HP/DBR/2   | 0177100000 | B.48 | VH 19/6/4.2 SAKT1       | 0318000000 | I.21 | WK K PH1                | 9918580000 | J.18 |
| TW AK24                 | 0348260000 | E.13 | TW SAKG46 HP/DBR/2   | 0177100000 | A.44 | VH 21/5/3.5 SAK16-35    | 0309600000 | A.11 | WK K PH2                | 9918590000 | J.18 |
| TW AK24                 | 0348260000 | E.12 | TW SAKG46 HP/DBR/2   | 0177100000 | B.50 | VH 21/5/3.5 SAK16-35    | 0309600000 | B.28 | WK K PZ0                | 9918600000 | J.18 |
| TW AK24                 | 0348260000 | E.3  | TW SAKG46 HP/DBR/2   | 0177100000 | A.46 | VH 23/6/4.2 SAKA10      | 0348700000 | B.30 | WK K PZ1                | 9918610000 | J.18 |
| TW AK24                 | 0348260000 | E.8  | TW SAKG46 HP/DBR/2   | 0177100000 | B.51 | VH 24.5/8/5 SAK35       | 0298700000 | A.5  | WK K PZ2                | 9918620000 | J.18 |
| TW AK24                 | 0348260000 | E.11 | TW SAKG46 HP/DBR/2   | 0177100000 | A.45 | VH 24.5/8/5 SAK35       | 0298700000 | B.8  | WK S 0,4x2,5            | 9918520000 | J.18 |
| TW AK24                 | 0348260000 | E.10 | TW SAKG46 HP/TF/GE/2 | 0179900000 | B.52 | VH 24.5/8/5 SAK35       | 0298700000 | A.4  | WK S 0,5x3,0            | 9918530000 | J.18 |
| TW AK24 BL              | 0348280000 | E.3  | TW SAKG46 HP/TF/GE/2 | 0179900000 | A.42 | VH 24.5/8/5 SAK35       | 0298700000 | B.5  | WK S 0,6x3,5            | 9918540000 | J.18 |
| TW AK24 HP/DBR/0.5      | 0166800000 | A.10 | TW SAKG46 HP/TF/GE/2 | 0179900000 | A.45 | VH 24.5/8/5 SAK35       | 0298700000 | I.12 | WK S 0,8x4,0            | 9918550000 | J.18 |
| TW AST1/PA HP/DBR/0.5   | 0474700000 | E.11 | TW SAKG46 HP/TF/GE/2 | 0179900000 | B.49 | VH 24.5/8/5 SAK35       | 0298700000 | B.4  | WK S 1,0x5,5            | 9918560000 | J.18 |
| TW AST1/PA HP/DBR/0.5   | 0474700000 | B.28 | TW SAKG46 HP/TF/GE/2 | 0179900000 | B.48 | VH 27/5/3.5 SAK10-35    | 0309400000 | I.10 | WK SI 0,4x2,5           | 9918410000 | J.19 |
| TW AST1/PA HP/DBR/0.5   | 0474700000 | A.37 | TW SAKG46 HP/TF/GE/2 | 0179900000 | A.44 | VH 27/5/3.5 SAK10-35    | 0309400000 | B.28 | WK SI 0,5x3,0           | 9918420000 | J.19 |
| TW AST1/PA HP/DBR/0.5   | 0474700000 | B.41 | TW SAKG46 HP/TF/GE/2 | 0179900000 | B.53 | VH 30.5/11/5.5 SAK70    | 0345500000 | I.28 | WK SI 0,6x3,5           | 9918430000 | J.19 |
| TW AST1/PA HP/DBR/0.5   | 0474700000 | B.32 | TW SAKG46 HP/TF/GE/2 | 0179900000 | B.50 | VH 30.5/11/5.5 SAK70    | 0345500000 | B.9  | WK SI 0,8x4,0           | 9918440000 | J.19 |
| TW AST1/PA HP/DBR/0.5   | 0474700000 | A.33 | TW SAKG46 HP/TF/GE/2 | 0179900000 | A.47 | VH 30.5/11/5.5 SAK70    | 0345500000 | A.6  | WK SI 1,0x5,5           | 9918450000 | J.19 |
| TW AST1/PA HP/DBR/0.5   | 0474700000 | B.36 | TW SAKG46 HP/TF/GE/2 | 0179900000 | B.51 | VH 35/11/5.5 SAK95      | 0551100000 | I.9  | WS 10/12 MC NEUTRAL     | 1905970000 | K.15 |
| TW KST5-12 LI/NO 160/HM | 1752800000 | A.49 | TW SAKG46 HP/TF/GE/2 | 0179900000 | A.46 | VH 35/11/5.5 SAK95      | 0551100000 | B.9  | WS 10/12 MC SONDERDRUCK | 1906060000 | K.15 |
| TW KST5-12 LI/NO 160/HM | 1752800000 | A.48 | TW SAKG46 HP/TF/GE/2 | 0179900000 | A.43 | VH 35/11/5.5 SAK95      | 0551100000 | A.10 | WS 10/15 MC Neutr.      | 1854090000 | K.15 |
| TW KST5-12 LI/NO 160/HM | 1752800000 | B.55 | TW SAKS2 HP/DBR/2    | 0607000000 | B.36 | VH 4.5/5/3.5 SAK6N-16   | 0303200000 | I.10 | WS 10/15 MC Sonderdruck | 1854100000 | K.15 |
| TW KST5-12 LI/NO 160/HM | 1752800000 | B.54 | TW SAKS2 HP/DBR/2    | 0607000000 | A.36 | VH 5/4/2.8 AKZ4         | 0296800000 | I.9  | WS 10/5 MC BEDRUCKT     | 1635010000 | K.14 |
| TW KST5-1               |            |      |                      |            |      |                         |            |      |                         |            |      |

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| WS 12/5 MC NEUTRAL       | 1609860000 | K.19 | ZU 1                | 0240600000 | I.5  |
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| WS 12/5 MC neutral OR    | 1773541690 | K.14 |                     |            |      |
| WS 12/5 MC neutral RT    | 1773541686 | K.14 |                     |            |      |
| WS 12/5 PLUS MC NEUTRAL  | 1927510000 | K.14 |                     |            |      |
| WS 12/5 PLUS SONDERDRUCK | 1927520000 | K.14 |                     |            |      |
| WS 12/5 Sonderdr. Laser  | 1773380000 | K.9  |                     |            |      |
| WS 12/6 MC BEDRUCKT      | 1609910000 | K.15 |                     |            |      |
| WS 12/6 MC NEUTRAL       | 1609900000 | K.14 |                     |            |      |
| WS 12/6 MC neutral BL    | 1773551693 | K.14 |                     |            |      |
| WS 12/6 MC neutral BR    | 1773551692 | K.14 |                     |            |      |
| WS 12/6 MC neutral GE    | 1773551687 | K.14 |                     |            |      |
| WS 12/6 MC neutral OR    | 1773551690 | K.14 |                     |            |      |
| WS 12/6 MC neutral RT    | 1773551686 | K.14 |                     |            |      |
| WS 12/6 MC neutral VI    | 1773551689 | K.14 |                     |            |      |
| WS 12/6 PLUS MC NEUTRAL  | 1927530000 | K.14 |                     |            |      |
| WS 12/6 PLUS SONDERDRUCK | 1927540000 | K.15 |                     |            |      |
| WS 12/6,5 MC BEDRUCKT    | 1609930000 | K.15 |                     |            |      |
| WS 12/6,5 MC NEUTRAL     | 1609920000 | K.15 |                     |            |      |
| WS 12/6,5 MC neutral BL  | 1773561693 | K.15 |                     |            |      |
| WS 12/6,5 MC neutral GE  | 1773561687 | K.15 |                     |            |      |
| WS 12/6,5 MC neutral GN  | 1773561688 | K.15 |                     |            |      |
| WS 12/6,5 MC neutral RT  | 1773561686 | K.15 |                     |            |      |
| WS 12/8 MC NEUTRAL       | 1906000000 | K.15 |                     |            |      |
| WS 12/8 MC SONDERDRUCK   | 1906010000 | K.15 |                     |            |      |
| WS 14/5 MC NEUTRAL       | 1768090000 | K.14 |                     |            |      |
| WS 15/5 MC BEDRUCKT      | 1609890000 | K.14 |                     |            |      |
| WS 15/5 MC NEUTRAL       | 1609880000 | K.14 |                     |            |      |
| WS 15/5 MC neutral GE    | 1773571687 | K.14 |                     |            |      |
| WS 8/5 MC BEDRUCKT       | 1640750000 | K.14 |                     |            |      |
| WS 8/5 MC NEUTRAL        | 1640740000 | K.14 |                     |            |      |
| WS 8/5 MC neutral BL     | 1773521693 | K.14 |                     |            |      |
| WS 8/5 MC neutral GE     | 1773521687 | K.14 |                     |            |      |
| WS 8/5 MC neutral OR     | 1773521690 | K.14 |                     |            |      |
| WS 8/5 MC neutral RT     | 1773521686 | K.14 |                     |            |      |
| WS 8/5 PLUS MC NEUTRAL   | 1951870000 | K.14 |                     |            |      |
| WS 8/5 Sonderdr. Laser   | 1773360000 | K.9  |                     |            |      |
| WS 8/6 PLUS MC NEUTRAL   | 1951880000 | K.14 |                     |            |      |
| WSH 1                    | 1068700000 | G.6  |                     |            |      |
| WSH 18 MT                | 1083100000 | G.7  |                     |            |      |
| WSH 19 MT                | 1083200000 | G.7  |                     |            |      |
| WSH 20 MT                | 1752950000 | G.7  |                     |            |      |
| WSH 3/H/N                | 1715970000 | G.6  |                     |            |      |
| WSH 4 MT                 | 1079900000 | G.9  |                     |            |      |
| WSH 5                    | 1080100000 | G.6  |                     |            |      |
| WSH 6                    | 1080200000 | G.6  |                     |            |      |
| WTW EN                   | 1058800000 | A.12 |                     |            |      |
| WTW EN                   | 1058800000 | B.10 |                     |            |      |
| WTW EN                   | 1058800000 | A.13 |                     |            |      |
| WTW EN                   | 1058800000 | A.34 |                     |            |      |
| WTW EN                   | 1058800000 | B.11 |                     |            |      |
| WTW EN                   | 1058800000 | B.34 |                     |            |      |

## Z

|                         |            |      |
|-------------------------|------------|------|
| ZB 10 F.10X3/10X5/10X10 | 1261300000 | H.6  |
| ZB 16 ZKSC              | 0316600000 | A.30 |
| ZB 16 ZKSC              | 0316600000 | A.31 |
| ZB 16 ZKSC              | 0316600000 | H.6  |
| ZB 16/6                 | 0556800000 | H.6  |
| ZB 16/6K GE/GN          | 0569660000 | H.7  |
| ZB 16K BL               | 0502880000 | H.7  |
| ZB 16K GE/GN            | 0502860000 | H.7  |
| ZB 35/M6X16             | 0266500000 | A.30 |
| ZB 35/M6X16             | 0266500000 | A.31 |
| ZB 35/M6X16             | 0266500000 | H.6  |
| ZB 35K BL M6X16         | 0502680000 | H.7  |
| ZB 35K GE/GN M6X16      | 0502660000 | H.7  |
| ZB 35K SW M6X16         | 0502610000 | H.7  |
| ZB 4                    | 0316500000 | H.6  |
| ZB 4                    | 0316500000 | A.30 |
| ZB 4                    | 0316500000 | A.31 |
| ZB 4/6                  | 0556700000 | H.6  |
| ZB 4/6K BL              | 0565480000 | H.7  |
| ZB 4/6K GE/GN           | 0565460000 | H.7  |
| ZB 4G BL                | 0322180000 | H.7  |
| ZB 4G GN/GE             | 0322160000 | H.7  |
| ZB 4G SW                | 0322110000 | H.7  |
| ZB 4K BL                | 0475380000 | H.7  |
| ZB 4K GE/GN             | 0475360000 | H.7  |
| ZBE 6                   | 0459500000 | H.6  |
| ZBE 6K BL               | 0525980000 | H.7  |
| ZBE 6K GE/GN            | 0525960000 | H.7  |
| ZBE 6K SW               | 0525910000 | H.7  |
| ZEW 15                  | 7920340000 | H.13 |
| ZEW 35                  | 9540000000 | H.13 |

| Order No.        | Type                 | Page | Order No.  | Type                    | Page | Order No.  | Type              | Page | Order No.        | Type                  | Page |
|------------------|----------------------|------|------------|-------------------------|------|------------|-------------------|------|------------------|-----------------------|------|
| <b>005000000</b> |                      |      |            |                         |      |            |                   |      |                  |                       |      |
| 0053160000       | DK 4/35 RC 220R/220N | A.56 | 0123700000 | QL 3 SAK35              | A.5  | 0130600000 | QL 2 SAK4         | B.44 | 0135800000       | VL 2 SAK16/SAKA       | A.9  |
| <b>010000000</b> |                      |      | 0123700000 | QL 3 SAK35              | I.9  | 0130600000 | QL 2 SAK4         | B.37 | 0135800000       | VL 2 SAK16/SAKA       | B.4  |
| 0101700000       | TST 2/M6             | H.14 | 0123700000 | QL 3 SAK35              | B.5  | 0130600000 | QL 2 SAK4         | A.37 | 0135800000       | VL 2 SAK16/SAKA       | C.3  |
| 0103300000       | BFSC M4X9T           | A.26 | 0123800000 | QL 4 SAK35              | A.4  | 0130600000 | QL 2 SAK4         | 1.10 | 0135800000       | VL 2 SAK16/SAKA       | B.7  |
| 0103300000       | BFSC M4X9T           | B.24 | 0123800000 | QL 4 SAK35              | I.9  | 0130600000 | QL 2 SAK4         | 1.9  | 0135900000       | VL 2 SAK6/10/SAKB     | B.7  |
| 0103300000       | BFSC M4X9T           | B.25 | 0123800000 | QL 4 SAK35              | C.4  | 0130700000 | QL 3 SAK4         | A.37 | 0135900000       | VL 2 SAK6/10/SAKB     | A.3  |
| 0103300000       | BFSC M4X9T           | A.27 | 0123800000 | QL 4 SAK35              | B.5  | 0130700000 | QL 3 SAK4         | 1.9  | 0135900000       | VL 2 SAK6/10/SAKB     | B.3  |
| 0103300000       | BFSC M4X9T           | B.30 | 0123800000 | QL 4 SAK35              | B.4  | 0130700000 | QL 3 SAK4         | A.38 | 0135900000       | VL 2 SAK6/10/SAKB     | I.12 |
| 0103300000       | BFSC M4X9T           | H.4  | 0123800000 | QL 4 SAK35              | B.8  | 0130700000 | QL 3 SAK4         | B.44 | 0135900000       | VL 2 SAK6/10/SAKB     | A.8  |
| 0103300000       | BFSC M4X9T           | I.9  | 0123800000 | QL 4 SAK35              | A.5  | 0130700000 | QL 3 SAK4         | B.37 | 0136400000       | SS M4 D 128-A 4       | I.10 |
| 0105060000       | SAK 4 OR             | I.7  | 0124000000 | VL 2 SAK35              | A.4  | 0130800000 | QL 4 SAK4         | B.44 | 0136400000       | SS M4 D 128-A 4       | A.20 |
| 0105100000       | AP SAK4-10 DB        | I.6  | 0124000000 | VL 2 SAK35              | B.4  | 0130800000 | QL 4 SAK4         | B.37 | 0136400000       | SS M4 D 128-A 4       | B.5  |
| 0105160000       | AP SAK4-10 OR        | I.6  | 0124000000 | VL 2 SAK35              | B.5  | 0130800000 | QL 4 SAK4         | A.38 | 0136400000       | SS M4 D 128-A 4       | A.26 |
| 0105360000       | AP ASK1 OR           | I.6  | 0124000000 | VL 2 SAK35              | A.5  | 0130800000 | QL 4 SAK4         | A.37 | 0136400000       | SS M4 D 128-A 4       | A.27 |
| 0105420000       | SAKT 1/35/LT         | A.32 | 0124000000 | VL 2 SAK35              | I.12 | 0130800000 | QL 4 SAK4         | I.10 | 0136400000       | SS M4 D 128-A 4       | C.4  |
| 0105620000       | SAKT 1/35/LT STB     | A.32 | 0124000000 | VL 2 SAK35              | B.8  | 0130800000 | QL 4 SAK4         | 1.9  | 0136400000       | SS M4 D 128-A 4       | B.9  |
| 0105720000       | SAKT 1/35/QT1        | A.33 | 0124400000 | H16,0/15                | J.33 | 0131700000 | AP SAKH6/10 EP/SW | 1.7  | 0136400000       | SS M4 D 128-A 4       | B.8  |
| 0105820000       | SAKT 1/35/DU1        | A.32 | 0124400000 | H25,0/15                | J.33 | 0131700000 | AP SAKH6/10 EP/SW | D.6  | 0136400000       | SS M4 D 128-A 4       | B.4  |
| 0105920000       | SAKT 2/35/LT/STB     | A.33 | 0124620000 | SAKT 1/35/QT2           | A.33 | 0131700000 | AP SAKH6/10 EP/SW | D.6  | 0136400000       | SS M4 D 128-A 4       | A.9  |
| 0106020000       | SAKT 2/35/LT 4STB    | A.33 | 0124700000 | H6,0/15                 | J.33 | 0131720000 | AP SAKH6/10 KR6   | I.6  | 0136400000       | SS M4 D 128-A 4       | A.4  |
| 0107160000       | SAK 2.5/TC AL        | B.34 | 0124800000 | H10,0/15                | J.33 | 0131730000 | AP SAKH6/10 KRS   | 1.4  | 0136400000       | SS M4 D 128-A 4       | B.24 |
| 0107180000       | SAK 2.5/TC AL BL     | I.7  | 0126600000 | SAKH 6 EP/SW            | I.7  | 0132660010 | DEK 5 FW 10-500   | K.7  | 0136400000       | SS M4 D 128-A 4       | A.5  |
| 0107260000       | SAK 2.5/TC CH        | B.34 | 0126600000 | SAKH 6 EP/SW            | D.6  | 0132961021 | DEK 5 GS A        | K.7  | 0136400000       | SS M4 D 128-A 4       | B.9  |
| 0107280000       | SAK 2.5/TC OH BL     | I.7  | 0126700000 | SAKH 10 EP/SW           | I.7  | 0132961022 | DEK 5 GS B        | K.7  | 0136400000       | SS M4 D 128-A 4       | B.25 |
| 0108520000       | SAK 2.5 SW 1X1/KRG   | I.7  | 0126700000 | SAKH 10 EP/SW           | D.7  | 0132961023 | DEK 5 GS C        | K.7  | 0137400000       | E 14/2A RS            | A.28 |
| 0108560000       | SAK 2.5 SW 1X1       | I.7  | 0128300000 | SAK 4 EP/SW             | I.7  | 0132961024 | DEK 5 GS D        | K.7  | 0137400000       | E 14/2A RS            | A.26 |
| 0108560000       | SAK 2.5 SW 1X1       | B.38 | 0128300000 | SAK 4 EP/SW             | D.6  | 0132961025 | DEK 5 GS E        | K.7  | 0137400000       | E 14/2A RS            | B.26 |
| 0108960000       | AKZ 2.5 K SW U/V 1X1 | E.13 | 0128300000 | SAK 4 EP/SW             | B.6  | 0132961026 | DEK 5 GS F        | K.7  | 0137400000       | E 14/2A RS            | B.24 |
| <b>011000000</b> |                      |      | 0128300000 | SAK 4 EP/SW             | B.3  | 0132961027 | DEK 5 GS G        | K.7  | 0137500000       | E 14/4A BR            | A.26 |
| 0110020000       | SAK 10 KRG           | B.7  | 0128300000 | SAK 4 EP/SW             | I.7  | 0132961028 | DEK 5 GS H        | K.7  | 0137500000       | E 14/4A BR            | B.24 |
| 0110040000       | SAK 10 OR            | I.7  | 0128380000 | SAK 4 BL                | B.3  | 0132961029 | DEK 5 GS I        | K.7  | 0137500000       | E 14/4A BR            | B.26 |
| 0110060000       | SAK 10               | B.3  | 0128900000 | BFSC M3X22 PA/RT        | A.7  | 0132961030 | DEK 5 GS J        | K.7  | 0137500000       | E 14/4A BR            | A.28 |
| 0110070000       | SAK 10 KRG/BL        | I.7  | 0128900000 | BFSC M3X22 PA/RT        | I.7  | 0132961031 | DEK 5 GS K        | K.7  | 0138000000       | P 14/2 D01 RS SAKS4   | A.26 |
| 0110070000       | SAK 10 KRG/BL        | B.7  | 0128900000 | BFSC M3X22 PA/RT        | I.17 | 0132961032 | DEK 5 GS L        | K.7  | 0138000000       | P 14/2 D01 RS SAKS4   | B.24 |
| 0110080000       | SAK 10 BL            | B.3  | 0128900000 | BFSC M3X22 PA/RT        | A.8  | 0132961033 | DEK 5 GS M        | K.7  | 0138000000       | P 14/2 D01 RS SAKS4   | A.29 |
| 0110080000       | SAK 10 BL            | I.7  | 0128900000 | BFSC M3X22 PA/RT        | C.5  | 0132961034 | DEK 5 GS N        | K.7  | 0138000000       | P 14/2 D01 RS SAKS4   | B.27 |
| 0114100000       | QL 2 SAKB10          | B.30 | 0128900000 | BFSC M3X22 PA/RT        | A.9  | 0132961035 | DEK 5 GS O        | K.7  | 0138100000       | P 14/4 D01 BR SAKS4   | A.29 |
| 0114300000       | QL 3 SAKB10          | B.30 | 0128900000 | BFSC M3X22 PA/RT        | A.3  | 0132961036 | DEK 5 GS P        | K.7  | 0138100000       | P 14/4 D01 BR SAKS4   | B.24 |
| 0114500000       | QL 4 SAKB10          | B.30 | 0128900000 | BFSC M3X22 PA/RT        | B.2  | 0132961037 | DEK 5 GS Q        | K.7  | 0138100000       | P 14/4 D01 BR SAKS4   | A.26 |
| 0117500000       | TS 15X5/LL 2M/ST/ZN  | H.10 | 0128900000 | BFSC M3X22 PA/RT        | A.40 | 0132961038 | DEK 5 GS R        | K.7  | 0138100000       | P 14/4 D01 BR SAKS4   | B.27 |
| 0117510000       | TS 15X5/LL 1M/ST/ZN  | H.10 | 0128900000 | BFSC M3X22 PA/RT        | C.4  | 0132961039 | DEK 5 GS S        | K.7  | 0139160000       | SAK 70/35             | A.6  |
| 0117900000       | AP SAK4-10 RT        | I.6  | 0128900000 | BFSC M3X22 PA/RT        | B.45 | 0132961040 | DEK 5 GS T        | K.7  | <b>014000000</b> |                       |      |
| 0117910000       | AP SAK4-10 I         | I.6  | 0128900000 | BFSC M3X22 PA/RT        | B.39 | 0132961041 | DEK 5 GS U        | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | B.5  |
| 0117920000       | AP SAK4-10 KRG       | I.4  | 0128900000 | BFSC M3X22 PA/RT        | A.4  | 0132961042 | DEK 5 GS V        | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | A.5  |
| 0117920000       | AP SAK4-10 KRG       | I.6  | 0128900000 | BFSC M3X22 PA/RT        | B.4  | 0132961043 | DEK 5 GS W        | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | I.15 |
| 0117920000       | AP SAK4-10 KRG       | A.7  | 0128900000 | BFSC M3X22 PA/RT        | C.3  | 0132961044 | DEK 5 GS X        | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | A.5  |
| 0117920000       | AP SAK4-10 KRG       | A.20 | 0129100000 | BFSC M4X32 PA/RT        | B.3  | 0132961045 | DEK 5 GS Y        | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | B.9  |
| 0117920000       | AP SAK4-10 KRG       | B.44 | 0129100000 | BFSC M4X32 PA/RT        | A.5  | 0132961046 | DEK 5 GS Z        | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | A.4  |
| 0117920000       | AP SAK4-10 KRG       | B.7  | 0129100000 | BFSC M4X32 PA/RT        | C.2  | 0133161114 | DEK 5 FW U1-PE1   | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | B.9  |
| 0117920000       | AP SAK4-10 KRG       | B.19 | 0129100000 | BFSC M4X32 PA/RT        | B.7  | 0133161115 | DEK 5 FW U2-PE2   | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | A.4  |
| 0117920000       | AP SAK4-10 KRG       | B.6  | 0129100000 | BFSC M4X32 PA/RT        | B.5  | 0133161116 | DEK 5 FW U3-PE3   | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | C.4  |
| 0117920000       | AP SAK4-10 KRG       | A.8  | 0129100000 | BFSC M4X32 PA/RT        | B.6  | 0133161117 | DEK 5 FW U4-PE4   | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | B.9  |
| 0117960000       | AP SAK4-10           | A.38 | 0129100000 | BFSC M4X32 PA/RT        | A.5  | 0133161118 | DEK 5 FW U5-PE5   | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | B.8  |
| 0117960000       | AP SAK4-10           | A.37 | 0129100000 | BFSC M4X32 PA/RT        | B.4  | 0133161119 | DEK 5 FW U6-PE6   | K.7  | 0140200000       | STB 16/D7/4/M4 SAK35  | B.30 |
| 0117960000       | AP SAK4-10           | A.3  | 0129100000 | BFSC M4X32 PA/RT        | A.9  | 0133161120 | DEK 5 FW U7-PE7   | K.7  | 0140320000       | KS 4 O.D4             | F.4  |
| 0117960000       | AP SAK4-10           | B.3  | 0129100000 | BFSC M4X32 PA/RT        | B.19 | 0133161121 | DEK 5 FW U8-PE8   | K.7  | 0140500000       | D4 KS4 TP             | F.4  |
| 0117960000       | AP SAK4-10           | B.37 | 0129100000 | BFSC M4X32 PA/RT        | C.4  | 0133161122 | DEK 5 FW U9-PE9   | K.7  | 0140620000       | KS 6 O.D6             | F.4  |
| 0117960000       | AP SAK4-10           | B.44 | 0130000000 | STB 7.5/D6/4/M4 ZB/SAKB | I.15 | 0133261150 | DEK 5 FW X1-Z1    | K.7  | 0140800000       | D6 KS6 TP             | F.4  |
| 0117960000       | AP SAK4-10           | C.2  | 0130070000 |                         | I.10 | 0133261151 | DEK 5 FW X2-Z2    | K.7  | 0141620000       | KS 10 O.D10           | F.4  |
| 0117960000       | AP SAK4-10           | C.3  | 0130100000 | TW SAK4-10 EP/SW        | D.6  | 0133261152 | DEK 5 FW X3-Z3    | K.7  | 0141800000       | D10 KS10 TP           | F.4  |
| 0117960000       | AP SAK4-10           | C.4  | 0130120000 | TW SAK4-10 KRG          | A.8  | 0133261153 | DEK 5 FW X4-Z4    | K.7  | 0142800000       | ELSO 2 FKS 2          | F.4  |
| 0117960000       | AP SAK4-10           | C.5  | 0130120000 | TW SAK4-10 KRG          | B.44 | 0133261154 | DEK 5 FW X5-Z5    | K.7  | 0142900000       | ELSO 4 FKS 4          | F.4  |
| 0117960000       | AP SAK4-10           | I.6  | 0130120000 | TW SAK4-10 KRG          | A.20 | 0133261155 | DEK 5 FW X6-Z6    | K.7  | 0143000000       | ELSO 6 FKS 6          | F.4  |
| 0117970000       | AP SAK4-10 KRG/BL    | B.19 | 0130120000 | TW SAK4-10 KRG          | A.6  | 0133261156 | DEK 5 FW X7-Z7    | K.7  | 0143100000       | STB 17/D6/4/M4 SAKC10 | F.4  |
| 0117970000       | AP SAK4-10 KRG/BL    | A.8  | 0130120000 | TW SAK4-10 KRG          | B.7  | 0133261157 | DEK 5 FW X8-Z8    | K.7  | 0143200000       | ELSB 2 BEZ. 1-2       | F.4  |
| 0117970000       | AP SAK4-10 KRG/BL    | A.7  | 0130120000 | TW SAK4-10 KRG          | A.8  | 0133261158 | DEK 5 FW X9-Z9    | K.7  | 0143300000       | ELSB 4 BEZ. 1-4       | F.4  |
| 0117970000       | AP SAK4-10 KRG/BL    | B.44 | 0130120000 | TW SAK4-10 KRG          | B.19 | 0133261159 | DEK 5 FW X10-Z10  | K.7  | 0143400000       | ELSB 6 BEZ. 1-6       | F.4  |
| 0117970000       | AP SAK4-10 KRG/BL    | B.7  | 0130120000 | TW SAK4-10 KRG          | C.4  | 0133360001 | DEK 6 FSZ 1-10    | K.8  | 0143500000       | ELSB 10 BEZ. 1-10     | F.4  |
| 0117970000       | AP SAK4-10 KRG/BL    | I.6  | 0130160000 | TW 4 SAK4-10            | C.5  | 0133360011 | DEK 6 FSZ 11-20   | K.8  | 0144400000       | SAKE 35               | B.14 |
| 0117970000       | AP SAK4-10 KRG/BL    | B.6  | 0130160000 | TW 4 SAK4-10            | B.6  | 0133360021 | DEK 6 FSZ 21-30   | K.8  | 0146710000       | AP SAKB-C/T I         | I.6  |
| 0117970000       | AP SAK4-10 KRG/BL    | A.20 | 0130160000 | TW 4 SAK4-10            | A.7  | 0133360031 | DEK 6 FSZ 31-40   | K.8  | 0146720000       | AP SAKB/C/T KRG       | B.19 |
| 0117980000       | AP SAK4-10 BL        | C.3  | 0130160000 | TW 4 SAK4-10            | B.7  | 0133360041 | DEK 6 FSZ 41-50   | K.8  | 0146720000       | AP SAKB/C/T KRG       | B.32 |
| 0117980000       | AP SAK4-10 BL        | C.5  | 0130160000 | TW 4 SAK4-10            | B.19 | 0133360051 | DEK 6 FSZ 51-60   | K.8  | 0146720000       | AP SAKB/C/T KRG       | I.4  |
| 0117980000       | AP SAK4-10 BL        | C.4  | 0130160000 | TW 4 SAK4-10            | C.4  | 0133360061 | DEK 6 FSZ 61-70   | K.8  | 0146720000       | AP SAKB/C/T KRG       | A.20 |
| 0117980000       |                      |      |            |                         |      |            |                   |      |                  |                       |      |

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| 0155900000 | QL 2 SAK2.5            | B.32 |
| 0155900000 | QL 2 SAK2.5            | I.10 |
| 0156000000 | QL 3 SAK2.5            | B.32 |
| 0156000000 | QL 3 SAK2.5            | I.10 |
| 0156000000 | QL 3 SAK2.5            | I.9  |
| 0156000000 | QL 3 SAK2.5            | A.33 |
| 0156100000 | QL 4 SAK2.5            | I.9  |
| 0156100000 | QL 4 SAK2.5            | A.33 |
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| 0156100000 | QL 4 SAK2.5            | I.10 |
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| 0157261202 | DEK 5 GS ERDE          | K.7  |
| 0157261203 | DEK 5 GS ERDE IM KREIS | K.7  |
| 0158760000 | AKZ 4 SF SE 6.3/2.8    | E.9  |

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| 0162570000 | AP AK2.5 KRG/BL         | E.12 |
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| 0164000000 | TSTW 6/M6               | H.14 |
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| 0166060000 | STA 2.5/5               | B.43 |
| 0166060000 | STA 2.5/5               | B.36 |
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| 0168600000 | STB 14/D5/2.3/M3 SAK2.5 | A.37 |
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| 0180500000 | EP 1 SAKG32/35 HP/DBR    | A.44 |
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| 0180600000 | EP 1 SAKG32/35 HP/TF/GE  | I.4  |
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| 0180700000 | EP 2 SAKG46/35 HP/DBR    | A.44 |
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| 0191320000 | AP SAKS1+3 KRG    | B.22 |
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| 0191320000 | AP SAKS1+3 KRG    | B.23 |
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| 0191500000 | QL 3 SAKS1        | B.22 |
| 0191500000 | QL 3 SAKS1        | I.9  |
| 0191500000 | QL 3 SAKS1        | B.23 |
| 0191500000 | QL 3 SAKS1        | A.25 |
| 0191600000 | QL 4 SAKS1        | E.11 |
| 0191600000 | QL 4 SAKS1        | B.59 |
| 0191600000 | QL 4 SAKS1        | B.6  |
| 0191600000 | QL 4 SAKS1        | A.40 |
| 0191600000 | QL 4 SAKS1        | B.18 |
| 0191600000 | QL 4 SAKS1        | A.39 |
| 0191860000 | TW SAKD2.5N       | B.58 |
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| 0205300000 | EP 2 SAKG46/32 HP/DBR   | B.52 | 0213200000  | SAKE 70/32              | B.15 | 0245900000 | BSTB 28/12 MK U 1-12   | F.6  | 0267100000 | BFSC M4X30              | I.10 |
| 0205300000 | EP 2 SAKG46/32 HP/DBR   | B.51 | 0214020000  | SAKS 1/35 G20 LD 48VAC  | A.24 | 0245900000 | BSTB 28/12 MK U 1-12   | F.2  | 0267100000 | BFSC M4X30              | H.4  |
| 0205300000 | EP 2 SAKG46/32 HP/DBR   | B.49 | 0215560000  | SAKD 2.5N               | B.2  | 0247000000 | QL 2 SAKG46            | A.47 | 0267100000 | BFSC M4X30              | B.5  |
| 0205300000 | EP 2 SAKG46/32 HP/DBR   | B.48 | 0215580000  | SAKD 2.5N BL            | B.2  | 0247000000 | QL 2 SAKG46            | B.52 | 0267100000 | BFSC M4X30              | A.4  |
| 0205300000 | EP 2 SAKG46/32 HP/DBR   | B.53 | 0215580000  | SAKD 2.5N BL            | I.7  | 0247000000 | QL 2 SAKG46            | A.46 | 0267100000 | BFSC M4X30              | B.9  |
| 0205300000 | EP 2 SAKG46/32 HP/DBR   | I.4  | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.2  | 0247400000 | QL 4 SAKG54            | B.53 | 0267100000 | BFSC M4X30              | B.4  |
| 0205300000 | EP 2 SAKG46/32 HP/DBR   | B.50 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.2  | 0247400000 | QL 4 SAKG54            | A.47 | 0267200000 | STB 25 IH/GE            | I.20 |
| 0205400000 | EP 2 SAKG46/32 HP/TF/GE | B.50 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.13 | 0248500000 | VH 13.5/4.9/3.3 SAK4   | A.11 | 0267200000 | STB 25 IH/GE            | I.15 |
| 0205400000 | EP 2 SAKG46/32 HP/TF/GE | B.49 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.11 | 0248500000 | VH 13.5/4.9/3.3 SAK4   | I.9  | 0267400000 | QL 2 RSF1+2             | B.29 |
| 0205400000 | EP 2 SAKG46/32 HP/TF/GE | B.51 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.10 | 0248500000 | VH 13.5/4.9/3.3 SAK4   | I.10 | 0267400000 | QL 2 RSF1+2             | B.28 |
| 0205400000 | EP 2 SAKG46/32 HP/TF/GE | B.52 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.59 | 0248500000 | VH 13.5/4.9/3.3 SAK4   | B.28 | 0267500000 | QL 3 RSF1+2             | B.28 |
| 0205400000 | EP 2 SAKG46/32 HP/TF/GE | B.48 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | E.9  | 0248920000 | SAKS 3 GZ/6.3K32       | B.23 | 0267500000 | QL 3 RSF1+2             | B.29 |
| 0205400000 | EP 2 SAKG46/32 HP/TF/GE | B.53 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.53 | 0249000000 | VH 12/4.9/3.3 SAK6N    | B.32 | 0267600000 | QL 4 RSF1+2             | B.29 |
| 0205400000 | EP 2 SAKG46/32 HP/TF/GE | I.4  | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | E.10 | 0249000000 | VH 12/4.9/3.3 SAK6N    | B.31 | 0267600000 | QL 4 RSF1+2             | B.28 |
| 0205700000 | QB 2 SAKT1              | I.21 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.60 | 0249000000 | VH 12/4.9/3.3 SAK6N    | I.10 | 0268860000 | SAKD 2.5/35             | A.2  |
| 0205800000 | QB 3 SAKT1              | I.21 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | I.15 | 0249000000 | VH 12/4.9/3.3 SAK6N    | A.32 | 0268880000 | SAKD 2.5/35 BL          | I.7  |
| 0205900000 | QB 4 SAKT1              | I.21 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.52 | 0249000000 | VH 12/4.9/3.3 SAK6N    | I.21 | 0268880000 | SAKD 2.5/35 BL          | A.2  |
| 0206160000 | EWK 1                   | H.13 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | E.3  | 0249000000 | VH 12/4.9/3.3 SAK6N    | I.9  | 0269120000 | SAKT 1/LT               | B.31 |
| 0206160000 | EWK 1                   | B.62 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.39 | 0249000000 | VH 12/4.9/3.3 SAK6N    | A.33 | 0269320000 | SAKT 1/QT1              | B.31 |
| 0206160000 | EWK 1                   | C.8  | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.50 | 0249000000 | VH 12/4.9/3.3 SAK6N    | I.9  |            |                         |      |
| 0206820000 | SAKS 2                  | B.24 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.51 | 0249100000 | KMVF L 6.3 EP/SW       | D.8  |            |                         |      |
| 0207400000 | QL 2 SAK6N-SAK35        | I.10 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.38 | 0249200000 | KMVF RE 6.3 EP/SW      | D.8  |            |                         |      |
| 0207530000 | DS 14 SAK4              | I.12 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | E.11 | 0249300000 | KMVT L 2.4 EP/SW       | D.9  | 0270100000 | TS 35X15/2.3 2M/CL/BK   | H.11 |
| 0207630000 | DS 12.5 SAK10           | I.12 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.38 | 0249400000 | KMVT RE 2.4 EP/SW      | D.9  | 0270320000 | RSF 1 KRG               | B.28 |
| 0207730000 | DS 12.5 SAK6N           | I.12 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.37 | 0249600000 | ZS 2.3/4               | I.14 | 0270420000 | AP RSF1 KRG             | I.6  |
| 0207800000 | QL 2 SAKS2              | A.26 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.54 |            |                        |      | 0270460000 | AP RSF3                 | I.6  |
| 0207800000 | QL 2 SAKS2              | I.9  | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | E.12 |            |                        |      | 0270460000 | AP RSF3                 | A.11 |
| 0207800000 | QL 2 SAKS2              | B.25 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.56 |            |                        |      | 0270460000 | AP RSF3                 | B.28 |
| 0207800000 | QL 2 SAKS2              | A.27 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | E.2  |            |                        |      | 0270760000 | QS 2/12/4               | I.13 |
| 0207800000 | QL 2 SAKS2              | B.24 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | E.8  | 0257120000 | TW SAK2.5-35/32 KRG    | B.30 | 0270760000 | QS 2/12/4               | I.21 |
| 0207900000 | QL 3 SAKS2              | A.26 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | E.13 | 0258260000 | HP 7 TSK31.5           | I.16 | 0270860000 | QS 2/10/4               | I.13 |
| 0207900000 | QL 3 SAKS2              | B.24 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.61 | 0258360000 | HP 8 ADP 1             | I.16 | 0270860000 | QS 2/10/4               | I.21 |
| 0207900000 | QL 3 SAKS2              | A.27 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.56 | 0258660000 | EW 35/SCHA/M3          | I.12 | 0270960000 | QS 2/8/4                | A.32 |
| 0207900000 | QL 3 SAKS2              | B.25 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.57 | 0258760000 | EWK 2/SCHA/M3/L        | I.12 | 0270960000 | QS 2/8/4                | A.33 |
| 0207900000 | QL 3 SAKS2              | I.9  | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | B.58 | 0259800000 | SSCH 10X3X1000 MS/BK   | H.3  | 0270960000 | QS 2/8/4                | I.13 |
| 0208000000 | QL 4 SAKS2              | A.27 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.12 |            |                        |      | 0270960000 | QS 2/8/4                | B.32 |
| 0208000000 | QL 4 SAKS2              | A.26 | 0215700000  | STB 8.5/D4/2.3/M2.5 AKZ | A.55 |            |                        |      | 0270960000 | QS 2/8/4                | B.31 |
| 0208000000 | QL 4 SAKS2              | I.9  | 0217160000  | DK 4SS/35 FF 4X6.3/2.8  | A.38 |            |                        |      | 0270960000 | QS 2/8/4                | I.21 |
| 0208000000 | QL 4 SAKS2              | B.24 | 0217900000  | TS 15X5/L2 2M/AL/BL     | H.10 | 0261100000 | AD 4 WSD SAKG54 HP/DBR | I.17 | 0271020000 | SAK 16 KRG              | B.7  |
| 0208000000 | QL 4 SAKS2              | B.25 | 0218660000  | SAK 2.5/EN              | C.2  | 0262100000 | BSTO 28/16 MK 4/16     | F.3  | 0271060000 | SAK 16                  | B.7  |
| 0208500000 | E 16/10A RT TNDZ        | A.26 | 0218680000  | SAK 2.5/EN BL           | I.7  | 0262200000 | BSTB 28/16 MK U 1-16   | F.3  | 0271080000 | SAK 16 BL               | I.4  |
| 0208500000 | E 16/10A RT TNDZ        | B.24 | 0218680000  | SAK 2.5/EN BL           | C.2  | 0263100000 | AD 4 WSD SAKG28 HP/DBR | I.17 | 0271080000 | SAK 16 BL               | B.4  |
| 0208500000 | E 16/10A RT TNDZ        | A.28 |             |                         |      | 0263200000 | AD 4 WSD SAKG40 HP/DBR | I.17 | 0271120000 | AP SAK16 KRG            | I.6  |
| 0208500000 | E 16/10A RT TNDZ        | B.26 |             |                         |      | 0263300000 | AD 4 WSD SAKG46 HP/DBR | I.17 | 0271120000 | AP SAK16 KRG            | B.7  |
| 0208600000 | E 16/16A GR TNDZ        | A.28 |             |                         |      | 0263500000 | QL 3 SAKG40            | B.50 | 0271120000 | AP SAK16 KRG            | A.9  |
| 0208600000 | E 16/16A GR TNDZ        | A.26 | 0220500000  | QL 5 SAK6N              | I.21 | 0263500000 | QL 3 SAKG40            | B.51 | 0271120000 | AP SAK16 KRG            | I.4  |
| 0208600000 | E 16/16A GR TNDZ        | B.26 | 0220600000  | QL 6 SAK6N              | I.21 | 0264400000 | QL 2 SAKG54            | A.47 | 0271160000 | AP SAK16                | I.6  |
| 0208600000 | E 16/16A GR TNDZ        | B.24 | 0221200000  | QL 15 SAK6N             | I.21 | 0264400000 | QL 2 SAKG54            | B.53 | 0271160000 | AP SAK16                | I.4  |
| 0208700000 | E 16/20A BL TNDZ        | B.24 | 0222760000  | ASK 1/EN LD 15K 24VDC   | C.7  | 0264900000 | AD 3 WSD SAKG54 HP/DBR | I.17 | 0271160000 | AP SAK16                | B.4  |
| 0208700000 | E 16/20A BL TNDZ        | A.28 | 0222860000  | ASK 1/EN LD 1D 24VAC    | C.7  | 0265800000 | G 25/1.00A/M RT        | B.26 | 0271160000 | AP SAK16                | A.4  |
| 0208700000 | E 16/20A BL TNDZ        | A.26 | 02225260000 | ASK 1/EN LD 27K 48VDC   | C.7  | 0265800000 | G 25/1.00A/M RT        | A.28 | 0271160000 | AP SAK16                | C.3  |
| 0208700000 | E 16/20A BL TNDZ        | B.26 | 0225360000  | ASK 1/EN LD 1D 48VAC    | C.7  | 0266320000 | AST 1 6.3 KRG          | B.42 | 0271180000 | AP SAK16 BL             | C.3  |
| 0208800000 | E 16/25A GE TNDZ        | B.24 | 0225460000  | ASK 1/EN LD 56K 115VDC  | C.7  | 0266360000 | AST 1 6.3              | B.36 | 0271180000 | AP SAK16 BL             | I.6  |
| 0208800000 | E 16/25A GE TNDZ        | A.26 | 0225560000  | ASK 1/EN LD 1D 115VAC   | C.7  | 0266400000 | AP AST1+5 DB           | B.36 | 0271180000 | AP SAK16 BL             | A.4  |
| 0208800000 | E 16/25A GE TNDZ        | B.26 | 0225660000  | ASK 1/EN LD 120K 230VDC | C.7  | 0266400000 | AP AST1+5 DB           | A.37 | 0271180000 | AP SAK16 BL             | B.4  |
| 0208800000 | E 16/25A GE TNDZ        | A.28 | 0225760000  | ASK 1/EN LD 1D 230VAC   | C.7  | 0266400000 | AP AST1+5 DB           | A.36 | 0271200000 | STB 25 IH/GN            | I.20 |
| 0208900000 | P 16/10 RT SAKS2        | B.24 | 0225820000  | SAKS 1/35 G20 LD 24VDC  | A.24 | 0266400000 | AP AST1+5 DB           | I.6  | 0271200000 | STB 25 IH/GN            | I.15 |
| 0208900000 | P 16/10 RT SAKS2        | B.27 | 0226460000  | ASK 1/EN LD 33K 60VDC   | C.7  | 0266420000 | AP AST1+5 KRG          | I.6  | 0271300000 | STB 25 IH/GR            | I.20 |
| 0208900000 | P 16/10 RT SAKS2        | A.29 |             |                         |      | 0266420000 | AP AST1+5 KRG          | I.4  | 0271300000 | STB 25 IH/GR            | I.15 |
| 0208900000 | P 16/10 RT SAKS2        | A.26 |             |                         |      | 0266420000 | AP AST1+5 KRG          | B.43 | 0271400000 | STB 25 IH/GR            | I.15 |
| 0209000000 | P 16/16 GR SAKS2        | A.26 |             |                         |      | 0266420000 | AP AST1+5 KRG          | B.42 | 0271400000 | STB 25 IH/GR            | I.20 |
| 0209000000 | P 16/16 GR SAKS2        | A.29 |             |                         |      | 0266460000 | AP AST1+5              | I.6  | 0271500000 | STB 25 IH/SW            | I.15 |
| 0209000000 | P 16/16 GR SAKS2        | B.24 | 0235000000  | IS 8 DIN 6911           | J.20 | 0266460000 | AP AST1+5              | A.30 | 0271500000 | STB 25 IH/SW            | I.20 |
| 0209000000 | P 16/16 GR SAKS2        | B.24 | 0235860000  | DEK 5 FWZ 1,3,5-19      | K.7  | 0266500000 | ZB 35/M6X16            | A.31 | 0271500000 | EP 1/BW SAKG28/32 HP/DB | I.5  |
| 0209100000 | P 16/20 BL SAKS2        | B.27 | 0235960000  | DEK 5 FWZ 21,23,25-39   | K.7  | 0266500000 | ZB 35/M6X16            | H.6  | 0271900000 | EP 2/BW SAKG46/32 HP/DB | I.15 |
| 0209100000 | P 16/20 BL SAKS2        | B.27 | 0236060000  | DEK 5 FWZ 41,43,45-59   | K.7  | 0266500000 | ZB 35/M6X16            | I.10 | 0273400000 | AD 3 SAK35              | B.4  |
| 0209100000 | P 16/20 BL SAKS2        | B.24 | 0236160000  | DEK 5 FWZ 2,4,6-20      | K.7  | 0266700000 | VH 8/4.9/3.3 SAK2.5    | B.32 | 0273400000 | AD 3 SAK35              | I.17 |
| 0209100000 | P 16/20 BL SAKS2        | A.26 | 0236260000  | DEK 5 FWZ 22,24,26-40   | K.7  | 0266700000 | VH 8/4.9/3.3 SAK2.5    | A.33 | 0273820000 | MK 3/2                  | F.2  |
| 0209100000 | P 16/20 BL SAKS2        | A.29 | 0236360000  | DEK 5 FWZ 42,44,46-60   | K.7  | 0266700000 | VH 8/4.9/3.3 SAK2.5    | I.9  | 0273920000 | MK 3/3                  | F.2  |
| 0210060000 | DK 4/35 LD GR 24VDC     | A.51 | 0236400000  | TS 35X15 2M/ST/ZN       | H.11 | 0266700000 | VH 8/4.9/3.3 SAK2.5    | E.12 | 0274020000 | MK 3/4                  | F.2  |
| 0210160000 | DK 4/32 LD ROT 24VDC    | B.57 | 0236500000  | TS 35X15/L1 2M/ST/ZN    | H.11 | 0266800000 | BFSC M2.5X14 SAKD2.5N  | A.56 | 0274120000 | MK 3/5                  | F.2  |
| 0210260000 | DK 4/35 LD ROT 24VDC    | A.51 | 0236510000  | TS 35X15/L1 1M/ST/ZN    | H.11 | 0266800000 | BFSC M2.5X14 SAKD2.5N  | A.55 | 0274220000 | MK 3/6                  | F.2  |
| 0210460000 | DK 4/35 LD GR 24VDC     | A.51 | 0236760000  | AST 3 6.3               | B.36 | 0266800000 | BFSC M2.5X14 SAKD2.5N  | E.11 | 0274320000 | MK 3/7                  | F.2  |
| 0210800000 | ADL                     | I.18 | 0240600000  | ZU 1                    | I.5  | 0266800000 | BFSC M2.5X14 SAKD2.5N  | E.10 | 0274420000 | MK 3/8                  | F.2  |
| 0211200000 | AKE 4 MS                | E.4  | 0241260000  | MK 2/12                 | F.2  | 0266800000 | BFSC M2.5X14 SAKD2.5N  | A.53 | 0274520000 | MK 3/9                  | F.2  |
| 0211320000 | AP SAKR KRG             | B.18 | 0241760000  | MF 2/12 1X2.8/1.6       | F.2  | 0266800000 | BFSC M2.5X14 SAKD2.5N  | B.56 | 0274620000 | MK 3/10                 | F.2  |
| 0211320000 | AP SAKR KRG             | I.6  | 0242920000  | TW SAKB-C-T             | B.30 | 0266800000 | BFSC M2.5X14 SAKD2.5N  | B.59 | 0278500000 | BSTB 28/12/6,35 O 1-12  | F.2  |
| 0211360000 | AP SAKR BE              | A.18 | 0242920000  | TW SAKB-C-T             | A.20 | 0266800000 | BFSC M2.5X14 SAKD2.5N  | B.58 | 0278700000 | BSTB 28/16 MK O 1-16    | F.3  |
| 0211360000 | AP SAKR BE              | B.16 | 0242920000  | TW SAKB-C-T             | B.1  |            |                        |      |            |                         |      |

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|-------------------|-------------------------|------|------------|------------|------|------------|---------------------|------|-------------------|------------|-------------------|-------------|------|
| 0279580000        | AP SAK2.5 BL            | A.40 | 0294460000 | AP AKZ4    | E.8  | 0302860000 | TW SAK2.5           | B.39 | <b>0310000000</b> | 0310000000 | PS 2.0 MC         | I.14        |      |
| 0279620000        | SAK 2.5 KRG             | B.6  | 0294460000 | AP AKZ4    | E.9  | 0302860000 | TW SAK2.5           | B.38 |                   | 0310320000 | SAKT 4/LT STB2.0  | B.32        |      |
| 0279660000        | SAK 2.5                 | B.2  | 0294460000 | AP AKZ4    | I.4  | 0302860000 | TW SAK2.5           | B.34 |                   | C.2        | 0316500000        | ZB 4        | H.6  |
| 0279670000        | SAK 2.5 KRG/BL          | I.7  | 0294460000 | AP AKZ4    | E.11 | 0302860000 | TW SAK2.5           | B.6  |                   | A.7        | 0316500000        | ZB 4        | A.30 |
| 0279670000        | SAK 2.5 KRG/BL          | B.6  | 0294460000 | AP AKZ4    | E.13 | 0302860000 | TW SAK2.5           | A.7  |                   | A.2        | 0316500000        | ZB 4        | A.31 |
| 0279680000        | SAK 2.5 BL              | I.7  | 0294460000 | AP AKZ4    | E.12 | 0302870000 | TW SAK2.5 KRG/BL    | A.2  |                   | C.2        | 0316600000        | ZB 16 ZKSC  | A.30 |
| 0279680000        | SAK 2.5 BL              | B.2  | 0294460000 | AP AKZ4    | E.10 | 0302870000 | TW SAK2.5 KRG/BL    | A.7  |                   | B.2        | 0316600000        | ZB 16 ZKSC  | A.31 |
|                   |                         |      | 0294460000 | AP AKZ4    | E.3  | 0302880000 | TW SAK2.5 BL        | A.2  |                   | B.2        | 0316600000        | ZB 16 ZKSC  | H.6  |
|                   |                         |      | 0294480000 | AP AKZ4 BL | I.6  | 0302880000 | TW SAK2.5 BL        | B.39 |                   | D.3        | 0317000000        | H25,0/30 BR | J.22 |
|                   |                         |      | 0294480000 | AP AKZ4 BL | E.3  | 0302880000 | TW SAK2.5 BL        | I.10 |                   | D.2        | 0317200000        | H35,0/30 BE | J.22 |
| <b>0280000000</b> |                         |      | 0294500000 | GZ 2.0A    | B.26 | 0303000000 | KISC M3X20.5/10 EK4 | B.28 | I.9               | 0317300000 | H35,0/39 BE       | J.22        |      |
| 0280100000        | DKSUE NSCH/ESCH         | H.3  | 0294500000 | GZ 2.0A    | A.28 | 0303000000 | KISC M3X20.5/10 EK4 | A.11 | E.11              | 0318000000 | VH 19/6/4.2 SAKT1 | B.32        |      |
| 0280200000        | NSCH 1M                 | H.3  | 0294500000 | GZ 2.0A    | A.28 | 0303000000 | KISC M3X20.5/10 EK4 | E.11 | E.11              | 0318000000 | VH 19/6/4.2 SAKT1 | A.32        |      |
| 0280300000        | ESCH 1 M                | H.3  | 0294500000 | GZ 2.0A    | A.23 | 0303000000 | KISC M3X20.5/10 EK4 | E.10 | E.11              | 0318000000 | VH 19/6/4.2 SAKT1 | A.33        |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | B.32 | 0294600000 | GZ 5.0A    | B.26 | 0303000000 | KISC M3X20.5/10 EK4 | E.10 | E.11              | 0318000000 | VH 19/6/4.2 SAKT1 | B.31        |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | B.38 | 0294600000 | GZ 5.0A    | A.28 | 0303000000 | KISC M3X20.5/10 EK4 | E.10 | E.11              | 0318000000 | VH 19/6/4.2 SAKT1 | I.21        |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | B.39 | 0294600000 | GZ 3.0A    | A.28 | 0303000000 | KISC M3X20.5/10 EK4 | E.10 | E.11              | 0318560000 | TW AKZ2.5         | E.2         |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | C.2  | 0294600000 | GZ 3.0A    | B.26 | 0303000000 | KISC M3X20.5/10 EK4 | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | A.2  | 0294600000 | GZ 3.0A    | A.23 | 0303000000 | KISC M3X20.5/10 EK4 | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | B.15 | 0294600000 | GZ 7.0A    | A.28 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | I.2  | 0294600000 | GZ 7.0A    | B.26 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | B.45 | 0294600000 | GZ 7.0A    | H.14 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | A.40 | 0294600000 | GZ 7.0A    | B.28 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0280600000        | STB 8.5/5/2.3/M3 SAK2.5 | A.7  | 0294600000 | GZ 7.0A    | A.11 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0281120000        | TW SAK16 KRG            | B.7  | 0294600000 | GZ 7.0A    | I.10 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0281120000        | TW SAK16 KRG            | A.9  | 0294600000 | GZ 7.0A    | H.3  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0282600000        | H0,5/6                  | J.33 | 0294600000 | GZ 7.0A    | I.9  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0282700000        | H0,75/6                 | J.33 | 0294600000 | GZ 7.0A    | B.16 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0282800000        | H1,0/10                 | J.33 | 0294600000 | GZ 7.0A    | B.18 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0282900000        | H10,0/12                | J.33 | 0294600000 | GZ 7.0A    | A.40 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0283100000        | AD 4 WSD SAKG32 HP/DBR  | I.17 | 0294600000 | GZ 7.0A    | I.9  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0284110000        | SK E16/SAKS2            | A.26 | 0294600000 | GZ 7.0A    | I.9  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0284110000        | SK E16/SAKS2            | B.24 | 0294600000 | GZ 7.0A    | B.23 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0284700000        | BSTO 28/8 MK3/8         | F.6  | 0294600000 | GZ 7.0A    | I.17 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0284700000        | BSTO 28/8 MK3/8         | F.2  | 0294600000 | GZ 7.0A    | I.17 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | B.6  | 0294600000 | GZ 7.0A    | B.17 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | B.3  | 0294600000 | GZ 7.0A    | I.17 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | B.7  | 0294600000 | GZ 7.0A    | B.2  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | A.4  | 0294600000 | GZ 7.0A    | A.12 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | B.4  | 0294600000 | GZ 7.0A    | C.2  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | A.3  | 0294600000 | GZ 7.0A    | I.17 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | C.5  | 0294600000 | GZ 7.0A    | A.2  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | A.8  | 0294600000 | GZ 7.0A    | B.42 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | C.2  | 0294600000 | GZ 7.0A    | A.36 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | I.12 | 0294600000 | GZ 7.0A    | B.43 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | C.3  | 0294600000 | GZ 7.0A    | B.42 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | A.7  | 0294600000 | GZ 7.0A    | I.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | C.4  | 0294600000 | GZ 7.0A    | I.6  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | A.9  | 0294600000 | GZ 7.0A    | B.5  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285100000        | VH 19/5/3.5 SAK4-16     | C.4  | 0294600000 | GZ 7.0A    | A.8  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285300000        | AD 4 SAK4               | A.3  | 0294600000 | GZ 7.0A    | A.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285300000        | AD 4 SAK4               | B.3  | 0294600000 | GZ 7.0A    | B.5  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285300000        | AD 4 SAK4               | B.6  | 0294600000 | GZ 7.0A    | I.12 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285300000        | AD 4 SAK4               | C.5  | 0294600000 | GZ 7.0A    | B.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285300000        | AD 4 SAK4               | I.17 | 0294600000 | GZ 7.0A    | A.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285300000        | AD 4 SAK4               | A.7  | 0294600000 | GZ 7.0A    | B.5  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0285300000        | AD 4 SAK4               | C.2  | 0294600000 | GZ 7.0A    | B.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0286400000        | DSTV VH 6.5             | I.10 | 0294600000 | GZ 7.0A    | A.5  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0286620000        | SAKG 32 I               | B.48 | 0294600000 | GZ 7.0A    | B.8  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0286720000        | SAKG 32 III             | B.49 | 0294600000 | GZ 7.0A    | I.12 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0286820000        | SAKG 40 I               | B.50 | 0294600000 | GZ 7.0A    | A.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0286920000        | SAKG 40 III             | B.51 | 0294600000 | GZ 7.0A    | B.7  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0289300000        | BSTO 28/4 MK3/4         | F.6  | 0294600000 | GZ 7.0A    | A.6  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0289300000        | BSTO 28/4 MK3/4         | F.2  | 0294600000 | GZ 7.0A    | A.3  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0289500000        | BSTO 28/6 MK            | F.2  | 0294600000 | GZ 7.0A    | D.9  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0289500000        | BSTO 28/6 MK            | F.6  | 0294600000 | GZ 7.0A    | A.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| <b>0290000000</b> |                         |      | 0294600000 | GZ 7.0A    | B.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0290000000        | BSTB 28/6 MK U 1-6      | F.6  | 0294600000 | GZ 7.0A    | B.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0290000000        | BSTB 28/6 MK U 1-6      | F.2  | 0294600000 | GZ 7.0A    | B.4  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0290200000        | BSTB 28/8 MK U 1-8      | F.2  | 0294600000 | GZ 7.0A    | B.19 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0290200000        | BSTB 28/8 MK U 1-8      | F.6  | 0294600000 | GZ 7.0A    | B.30 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0292460000        | SCHT 5                  | K.17 | 0294600000 | GZ 7.0A    | B.3  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0292500000        | BFSC M3X25              | A.3  | 0294600000 | GZ 7.0A    | I.14 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0292500000        | BFSC M3X25              | C.2  | 0294600000 | GZ 7.0A    | A.9  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0292500000        | BFSC M3X25              | C.3  | 0294600000 | GZ 7.0A    | B.8  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0292500000        | BFSC M3X25              | A.7  | 0294600000 | GZ 7.0A    | B.31 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0292500000        | BFSC M3X25              | I.12 | 0294600000 | GZ 7.0A    | B.9  | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.5 BL      | E.2         |      |
| 0292500000        | BFSC M3X25              | C.4  | 0294600000 | GZ 7.0A    | B.32 | 0303000000 | BFSC M2.5X18 PA/RT  | E.10 | E.11              | 0318560000 | TW AKZ2.          |             |      |



| Order No.  | Type                 | Page | Order No.  | Type                    | Page | Order No.  | Type                    | Page | Order No.  | Type                 | Page |
|------------|----------------------|------|------------|-------------------------|------|------------|-------------------------|------|------------|----------------------|------|
| 0361600000 | E 18/50A WS          | A.28 | 0368800000 | Q 10 SAK4               | B.42 | 0386060000 | IH 2.8 DB               | A.39 | 0430400000 | G 20/0.20A/F         | B.20 |
| 0361600000 | E 18/50A WS          | B.26 | 0368800000 | Q 10 SAK4               | C.5  | 0386260000 | IH 6.3 WEM GE           | B.37 | 0430400000 | G 20/0.20A/F         | B.21 |
| 0361700000 | E 18/63A KU          | B.26 | 0368800000 | Q 10 SAK4               | B.43 | 0386260000 | IH 6.3 WEM GE           | A.38 | 0430500000 | G 20/0.25A/F         | B.26 |
| 0361700000 | E 18/63A KU          | A.27 | 0368800000 | Q 10 SAK4               | I.9  | 0386260000 | IH 6.3 WEM GE           | B.36 | 0430500000 | G 20/0.25A/F         | B.21 |
| 0361700000 | E 18/63A KU          | B.25 | 0368800000 | Q 10 SAK4               | D.6  | 0386260000 | IH 6.3 WEM GE           | E.9  | 0430500000 | G 20/0.25A/F         | A.22 |
| 0361700000 | E 18/63A KU          | A.28 | 0368800000 | Q 10 SAK4               | A.36 | 0386260000 | IH 6.3 WEM GE           | B.43 | 0430500000 | G 20/0.25A/F         | A.28 |
| 0361800000 | P 18/20 D02 BL SAKS5 | A.29 | 0368800000 | Q 10 SAK4               | A.37 | 0386260000 | IH 6.3 WEM GE           | A.36 | 0430500000 | G 20/0.25A/F         | B.20 |
| 0361800000 | P 18/20 D02 BL SAKS5 | B.25 | 0368800000 | Q 10 SAK4               | C.4  | 0386260000 | IH 6.3 WEM GE           | A.39 | 0430500000 | G 20/0.25A/F         | A.23 |
| 0361800000 | P 18/20 D02 BL SAKS5 | A.27 | 0368800000 | Q 10 SAK4               | A.7  | 0386260000 | IH 6.3 WEM GE           | B.44 | 0430600000 | G 20/0.50A/F         | A.28 |
| 0361800000 | P 18/20 D02 BL SAKS5 | B.27 | 0368900000 | H35,0/18                | J.33 | 0386260000 | IH 6.3 WEM GE           | E.8  | 0430600000 | G 20/0.50A/F         | B.21 |
| 0361900000 | P 18/25 D02 GE SAKS5 | B.25 | 0369000000 | Q 2 AKZ4SS              | I.11 | 0386260000 | IH 6.3 WEM GE           | A.37 | 0430600000 | G 20/0.50A/F         | B.20 |
| 0361900000 | P 18/25 D02 GE SAKS5 | B.27 | 0369000000 | Q 2 AKZ4SS              | E.8  | 0386260000 | IH 6.3 WEM GE           | B.42 | 0430600000 | G 20/0.50A/F         | A.23 |
| 0361900000 | P 18/25 D02 GE SAKS5 | A.29 | 0369100000 | Q 3 AKZ4SS              | I.11 | 0388500000 | STB 35 IH/SW            | L.20 | 0430600000 | G 20/0.50A/F         | B.26 |
| 0361900000 | P 18/25 D02 GE SAKS5 | A.27 | 0369100000 | Q 3 AKZ4SS              | E.8  | 0388500000 | STB 35 IH/SW            | I.15 | 0430600000 | G 20/0.50A/F         | A.22 |
| 0362000000 | P 18/35 D02 SW SAKS5 | B.27 | 0369200000 | Q 4 AKZ4SS              | I.11 | 0388600000 | STB 35 IH/GR            | L.20 | 0430700000 | G 20/1.00A/F         | B.20 |
| 0362000000 | P 18/35 D02 SW SAKS5 | B.25 | 0369200000 | Q 4 AKZ4SS              | E.8  | 0388600000 | STB 35 IH/GR            | I.15 | 0430700000 | G 20/1.00A/F         | A.28 |
| 0362000000 | P 18/35 D02 SW SAKS5 | A.29 | 0369300000 | Q 10 AKZ4SS             | E.8  | 0388700000 | STB 35 IH/BL            | L.20 | 0430700000 | G 20/1.00A/F         | A.22 |
| 0362000000 | P 18/35 D02 SW SAKS5 | A.27 | 0369300000 | Q 10 AKZ4SS             | I.11 | 0388700000 | STB 35 IH/BL            | I.15 | 0430700000 | G 20/1.00A/F         | B.26 |
| 0362100000 | P 18/50 D02 WS SAKS5 | B.27 |            |                         |      | 0388800000 | STB 35 IH/RT            | I.15 | 0430700000 | G 20/1.00A/F         | A.23 |
| 0362100000 | P 18/50 D02 WS SAKS5 | B.25 |            |                         |      | 0388800000 | STB 35 IH/RT            | L.20 | 0430700000 | G 20/1.00A/F         | B.21 |
| 0362100000 | P 18/50 D02 WS SAKS5 | A.29 |            |                         |      | 0388900000 | STB 35 IH/GR            | L.20 | 0430800000 | G 20/1.60A/F         | B.21 |
| 0362100000 | P 18/50 D02 WS SAKS5 | A.27 |            |                         |      | 0388900000 | STB 35 IH/GR            | I.15 | 0430800000 | G 20/1.60A/F         | B.20 |
| 0362460000 | AKZ 4 SS WA 2X2.8    | E.8  | 0370160000 | MK 10/14                | F.9  | 0389000000 | STB 35 IH/GE            | I.15 | 0430800000 | G 20/1.60A/F         | A.23 |
| 0362800000 | BFSC M4X20           | B.19 | 0371420000 | SAKS 1/32 G20 LD 24VDC  | B.22 | 0389000000 | STB 35 IH/GE            | L.20 | 0430800000 | G 20/1.60A/F         | A.22 |
| 0362800000 | BFSC M4X20           | A.20 | 0372600000 | H1,0/6                  | J.33 | 0389100000 | STB 35 IH/VI            | L.20 | 0430800000 | G 20/1.60A/F         | A.28 |
| 0363360000 | TSCH 4 AKZ4          | E.13 | 0372700000 | H1,5/7                  | J.33 | 0389100000 | STB 35 IH/VI            | I.15 | 0430800000 | G 20/1.60A/F         | B.26 |
| 0363360000 | TSCH 4 AKZ4          | A.55 | 0373000000 | H2,5/7                  | J.33 |            |                         |      | 0430900000 | G 20/2.00A/F         | A.28 |
| 0363360000 | TSCH 4 AKZ4          | B.57 | 0373100000 | H4,0/9                  | J.33 |            |                         |      | 0430900000 | G 20/2.00A/F         | B.21 |
| 0363360000 | TSCH 4 AKZ4          | A.51 | 0374660000 | EK 16                   | B.13 |            |                         |      | 0430900000 | G 20/2.00A/F         | B.20 |
| 0363360000 | TSCH 4 AKZ4          | A.53 | 0375200000 | H16,0/18                | J.33 | 0395460000 | DK 4/35 LD GR 24VDC     | A.50 | 0430900000 | G 20/2.00A/F         | A.23 |
| 0363360000 | TSCH 4 AKZ4          | E.3  | 0375300000 | H25,0/18                | J.33 | 0395760000 | DK 4/35 LD GR 24VDC     | A.50 | 0430900000 | G 20/2.00A/F         | B.26 |
| 0363360000 | TSCH 4 AKZ4          | A.54 | 0376860000 | ASK 1/15                | E.6  | 0395960000 | DK 4/35 LD ROT 24VAC    | A.51 | 0430900000 | G 20/2.00A/F         | A.22 |
| 0363360000 | TSCH 4 AKZ4          | A.52 | 0377100000 | KISC M3X20 SAK10 CU5    | A.33 | 0396360000 | DK 4/35 1D GET.SCH.     | A.53 | 0431000000 | G 20/2.50A/F         | B.20 |
| 0363360000 | TSCH 4 AKZ4          | E.12 | 0377100000 | KISC M3X20 SAK10 CU5    | I.12 | 0396660000 | DK 4/35 2D GET.SCH. A1  | A.54 | 0431000000 | G 20/2.50A/F         | A.22 |
| 0363360000 | TSCH 4 AKZ4          | E.11 | 0377100000 | KISC M3X20 SAK10 CU5    | A.32 | 0396760000 | DK 4/35 2D GET.SCH. A1  | A.55 | 0431000000 | G 20/2.50A/F         | B.26 |
| 0363360000 | TSCH 4 AKZ4          | B.60 | 0377100000 | KISC M3X20 SAK10 CU5    | B.31 | 0396860000 | DK 4/35 2D GET.SCH. A2  | A.55 | 0431000000 | G 20/2.50A/F         | A.28 |
| 0363360000 | TSCH 4 AKZ4          | B.56 | 0377100000 | KISC M3X20 SAK10 CU5    | B.32 | 0396960000 | DK 4/35 1D 1K5 GET.SCH  | A.55 | 0431000000 | G 20/2.50A/F         | B.21 |
| 0363360000 | TSCH 4 AKZ4          | B.59 | 0377100000 | KISC M3X20 SAK10 CU5    | I.21 |            |                         |      | 0431000000 | G 20/2.50A/F         | A.23 |
| 0363360000 | TSCH 4 AKZ4          | B.38 | 0377200000 | KISC M3X15/6 SAK2.5 CU5 | B.32 |            |                         |      | 0431100000 | G 20/3.15A/F         | B.20 |
| 0363360000 | TSCH 4 AKZ4          | A.50 | 0377200000 | KISC M3X15/6 SAK2.5 CU5 | I.12 |            |                         |      | 0431100000 | G 20/3.15A/F         | A.28 |
| 0363360000 | TSCH 4 AKZ4          | B.61 | 0377200000 | KISC M3X15/6 SAK2.5 CU5 | A.33 | 0400100000 | KISC M2.5X11/4.5 AKZ1.5 | I.9  | 0431100000 | G 20/3.15A/F         | A.22 |
| 0363360000 | TSCH 4 AKZ4          | E.10 | 0379300000 | H10,0/18                | J.33 | 0401220000 | SAK 4 S 6.3/2.8/KRG     | B.44 | 0431100000 | G 20/3.15A/F         | B.21 |
| 0363360000 | TSCH 4 AKZ4          | B.58 | 0379400000 | STB 6/D3.7/2.3/M3 SAKR  | B.16 | 0401260000 | SAK 4 S 6.3/2.8         | B.37 | 0431100000 | G 20/3.15A/F         | A.23 |
| 0363660000 | DK 4QV/35            | A.13 | 0379400000 | STB 6/D3.7/2.3/M3 SAKR  | B.16 | 0401360000 | AP DUSA4/35             | I.6  | 0431100000 | G 20/3.15A/F         | B.26 |
| 0363680000 | DK 4QV/35 BL         | A.13 | 0379400000 | STB 6/D3.7/2.3/M3 SAKR  | B.40 | 0401460000 | SO SH1                  | H.4  | 0431200000 | G 20/4.00A/F         | B.26 |
| 0364200000 | AK 95                | H.5  | 0379400000 | STB 6/D3.7/2.3/M3 SAKR  | A.18 | 0407360001 | DEK 6,5 FSZ 1-10        | K.9  | 0431200000 | G 20/4.00A/F         | B.20 |
| 0364300000 | TS 32X16.2 2M/CU/BK  | H.10 | 0379400000 | STB 6/D3.7/2.3/M3 SAKR  | I.15 | 0407360011 | DEK 6,5 FSZ 11-20       | K.9  | 0431200000 | G 20/4.00A/F         | A.22 |
| 0368660000 | TSCH 3 SAKD2.5 N     | B.2  |            |                         |      | 0407360021 | DEK 6,5 FSZ 21-30       | K.9  | 0431200000 | G 20/4.00A/F         | A.28 |
| 0368660000 | TSCH 3 SAKD2.5 N     | A.2  |            |                         |      | 0407360031 | DEK 6,5 FSZ 31-40       | K.9  | 0431200000 | G 20/4.00A/F         | A.23 |
| 0367800000 | Q 2 SAKD2.5N         | B.2  |            |                         |      | 0407360041 | DEK 6,5 FSZ 41-50       | K.9  | 0431200000 | G 20/4.00A/F         | B.21 |
| 0367800000 | Q 2 SAKD2.5N         | A.2  | 0380260000 | AKE 4                   | E.5  | 0407360051 | DEK 6,5 FSZ 51-60       | K.9  | 0431300000 | G 20/5.00A/F         | B.21 |
| 0367900000 | Q 3 SAKD2.5N         | B.2  | 0380350000 | AP ASK1 RT              | I.6  | 0407360061 | DEK 6,5 FSZ 61-70       | K.9  | 0431300000 | G 20/5.00A/F         | B.26 |
| 0367900000 | Q 3 SAKD2.5N         | A.2  | 0380360000 | AP ASK1                 | C.7  | 0407360071 | DEK 6,5 FSZ 71-80       | K.9  | 0431300000 | G 20/5.00A/F         | B.20 |
| 0368000000 | Q 4 SAKD2.5N         | A.2  | 0380360000 | AP ASK1                 | I.6  | 0407360081 | DEK 6,5 FSZ 81-90       | K.9  | 0431300000 | G 20/5.00A/F         | A.28 |
| 0368000000 | Q 4 SAKD2.5N         | B.2  | 0380380000 | AP ASK1 BL              | I.6  | 0407360091 | DEK 6,5 FSZ 91-100      | K.9  | 0431300000 | G 20/5.00A/F         | A.23 |
| 0368100000 | Q 10 SAKD2.5N        | B.2  | 0380420000 | SAK 2.5/35 KRG          | B.2  | 0407600000 | QL 3 SAKG28             | B.46 | 0431300000 | G 20/5.00A/F         | A.22 |
| 0368100000 | Q 10 SAKD2.5N        | A.2  | 0380440000 | SAK 2.5/35 OR           | I.7  | 0407600000 | QL 3 SAKG28             | I.9  | 0431400000 | G 20/6.30A/F         | A.28 |
| 0368200000 | Q 2 AKZ1.5           | I.11 | 0380460000 | SAK 2.5/35              | A.2  | 0407600000 | QL 3 SAKG28             | B.47 | 0431400000 | G 20/6.30A/F         | B.26 |
| 0368200000 | Q 2 AKZ1.5           | E.2  | 0380470000 | SAK 2.5/35 KRG/BL       | A.7  | 0407600000 | QL 3 SAKG28             | A.10 | 0431400000 | G 20/6.30A/F         | B.20 |
| 0368200000 | Q 2 AKZ1.5           | E.10 | 0380470000 | SAK 2.5/35 KRG/BL       | I.7  | 0407600000 | QL 3 SAKG28             | B.9  | 0431400000 | G 20/6.30A/F         | B.21 |
| 0368300000 | Q 3 AKZ1.5           | I.11 | 0380480000 | SAK 2.5/35 BL           | A.2  | 0407700000 | QL 4 SAKG28             | B.47 | 0431400000 | G 20/6.30A/F         | A.22 |
| 0368300000 | Q 3 AKZ1.5           | E.10 | 0380480000 | SAK 2.5/35 BL           | I.7  | 0407700000 | QL 4 SAKG28             | I.9  | 0437720000 | SAKT 2/LT 4STB       | B.32 |
| 0368300000 | Q 3 AKZ1.5           | E.2  | 0380520000 | SAK 6/35 KRG            | A.8  | 0407700000 | QL 4 SAKG28             | A.10 | 0437920000 | SAKT 1/LT STB14/4    | B.31 |
| 0368400000 | Q 4 AKZ1.5           | E.10 | 0380560000 | SAK 6/35 PA             | A.3  | 0407700000 | QL 4 SAKG28             | B.46 | 0438000000 | SSCH 10X311000 ST/ZN | H.3  |
| 0368400000 | Q 4 AKZ1.5           | I.11 | 0380570000 | SAK 6/35 KRG/BL         | A.8  | 0407700000 | QL 4 SAKG28             | B.9  | 0438560000 | AP DK4/380 Q         | I.4  |
| 0368400000 | Q 4 AKZ1.5           | E.2  | 0380570000 | SAK 6/35 KRG/BL         | I.7  | 0407900000 | IS 6 DIN 6911           | J.20 | 0438560000 | AP DK4/380 Q         | I.6  |
| 0368500000 | Q 10 AKZ1.5          | E.2  | 0380580000 | SAK 6/35 PA/BL          | I.7  | 0408000000 | QL 3 SAKG54             | B.53 | 0439000000 | G 20/0.63A/F         | B.26 |
| 0368500000 | Q 10 AKZ1.5          | I.11 | 0380580000 | SAK 6/35 PA/BL          | A.3  | 0408000000 | QL 3 SAKG54             | A.47 | 0439000000 | G 20/0.63A/F         | A.22 |
| 0368500000 | Q 10 AKZ1.5          | E.10 | 0380620000 | SAK 16/35 KRG           | A.9  | 0408730000 | AP SAKH 4EX             | I.6  | 0439000000 | G 20/0.63A/F         | B.20 |
| 0368600000 | Q 10 AKZ4            | E.3  | 0380660000 | SAK 16/35 PA            | A.4  | 0409500000 | H0,5/12 OR              | J.22 | 0439000000 | G 20/0.63A/F         | A.28 |
| 0368600000 | Q 10 AKZ4            | E.9  | 0380680000 | SAK 16/35 PA/BL         | I.7  | 0409600000 | H0,75/12 W              | J.22 | 0439120000 | AST 4 SF 6.3/2.8 KRG | B.43 |
| 0368600000 | Q 10 AKZ4            | B.38 | 0380680000 | SAK 16/35 PA/BL         | A.4  | 0409700000 | H1,0/12 GE              | J.22 |            |                      |      |
| 0368600000 | Q 10 AKZ4            | E.12 | 0380760000 | SAK 35/35               | A.4  | 0409800000 | QL 4 SAKG40             | B.50 |            |                      |      |
| 0368600000 | Q 10 AKZ4            | A.56 | 0380780000 | SAK 35/35 BL            | A.4  | 0409800000 | QL 4 SAKG40             | B.51 |            |                      |      |
| 0368600000 | Q 10 AKZ4            | E.11 | 0380780000 | SAK 35/35 BL            | I.7  |            |                         |      |            |                      |      |
| 0368600000 | Q 10 AKZ4            | E.13 | 0382860000 | EW 15                   | H.13 |            |                         |      |            |                      |      |
| 0368600000 | Q 10 AKZ4            | A.13 | 0382860000 | EW 15                   | E.2  |            |                         |      |            |                      |      |
| 0368600000 | Q 10 AKZ4            | B.37 | 0382860000 | EW 15                   | E.3  | 0412120000 | SAKR KRG                | B.18 | 0441500000 | QL 3 SAKG32+70       | A.44 |
| 0368600000 | Q 10 AKZ4            | A.38 | 0383400000 | TS 35X7.5 2M/ST/ZN      | H.11 | 0412160000 | SAKR                    | B.16 | 0441500000 | QL 3 SAKG32+70       | B.49 |
| 0368600000 | Q 10 AKZ4            | B.11 | 0383410000 | TS 35X7.5 1M/ST/ZN      | H.11 | 0412180000 | SAKR BL                 | I.7  | 0441500000 | QL 3 SAKG32+70       | B.50 |
| 0368600000 | Q 10 AKZ4            | A.39 | 0383530000 | EW 35 GR 7032           | H.13 | 0412180000 | SAKR BL                 | B.16 | 0441600000 | QL 4 SAKG32+70       | B.49 |
| 0368600000 | Q 10 AKZ4            | A.52 | 0383560000 | EW 35                   | A.56 | 0412220000 | SAKR 2STB KRG           | B.18 | 0441600000 | QL 4 SAKG32+70       | A.43 |
| 0368600000 | Q 10 AKZ4            | B.10 | 0383560000 | EW 35                   | C.8  | 0412260000 | SAKR 2STB               | B.16 | 0441600000 | QL 4 SAKG32+70       | A.42 |
| 036860000  |                      |      |            |                         |      |            |                         |      |            |                      |      |

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|------------|------------------|------|-------------------|-----------------------|------|------------|--------------------|------|--------------|-------------------------|------|
| 0443780000 | SAK 10/35 BL     | I.7  | 0457300000        | Q 4 SAK10             | B.3  | 0468160801 | DEK 6,5 FW 801-850 | K.9  | 0473391692   | DEK 5 BR NEUTRAL        | K.7  |
| 0444200000 | H50/36 OLIV      | J.22 | 0457300000        | Q 4 SAK10             | A.8  | 0468160851 | DEK 6,5 FW 851-900 | K.9  | 0473391693   | DEK 5 BL NEUTRAL        | K.7  |
| 0444400000 | QL 3 SAKG46      | A.46 | 0457400000        | Q 10 SAK10            | I.9  | 0468160901 | DEK 6,5 FW 901-950 | K.9  | 0473391694   | DEK 5 SW NEUTRAL        | K.8  |
| 0444400000 | QL 3 SAKG46      | B.52 | 0457400000        | Q 10 SAK10            | C.3  | 0468160951 | DEK 6,5 FW 951-999 | K.9  | 0473460001   | DEK 5 FW 1-50           | K.7  |
| 0444400000 | QL 3 SAKG46      | A.47 | 0457400000        | Q 10 SAK10            | A.3  | 0468260001 | DEK 6,5 FS 1-50    | K.9  | 0473460051   | DEK 5 FW 51-100         | K.7  |
| 0444500000 | QL 4 SAKG46      | A.46 | 0457400000        | Q 10 SAK10            | A.8  | 0468260051 | DEK 6,5 FS 101-150 | K.9  | 0473460101   | DEK 5 FW 101-150        | K.7  |
| 0444500000 | QL 4 SAKG46      | B.52 | 0457400000        | Q 10 SAK10            | B.3  | 0468260101 | DEK 6,5 FS 101-150 | K.9  | 0473460151   | DEK 5 FW 151-200        | K.7  |
| 0444500000 | QL 4 SAKG46      | A.47 | 0457400000        | Q 10 SAK10            | B.7  | 0468260151 | DEK 6,5 FS 151-200 | K.9  | 0473460201   | DEK 5 FW 201-250        | K.7  |
| 0444900000 | QL 3 SAKG40/35   | A.45 | 0457500000        | Q 2 SAK16             | B.4  | 0468260201 | DEK 6,5 FS 201-250 | K.9  | 0473460251   | DEK 5 FW 251-300        | K.7  |
| 0445000000 | QL 4 SAKG40/35   | A.45 | 0457500000        | Q 2 SAK16             | C.3  | 0468260251 | DEK 6,5 FS 251-300 | K.9  | 0473460301   | DEK 5 FW 301-350        | K.7  |
| 0445420000 | SAKT 2/LT 0.STB  | B.32 | 0457500000        | Q 2 SAK16             | A.9  | 0468260301 | DEK 6,5 FS 301-350 | K.9  | 0473460351   | DEK 5 FW 351-400        | K.7  |
| 0445860000 | AKZ 4 SW 1X1     | E.13 | 0457500000        | Q 2 SAK16             | A.4  | 0468260351 | DEK 6,5 FS 351-400 | K.9  | 0473460401   | DEK 5 FW 401-450        | K.7  |
| 0446100000 | SBL/1912         | A.22 | 0457500000        | Q 2 SAK16             | B.7  | 0468260401 | DEK 6,5 FS 401-450 | K.9  | 0473460451   | DEK 5 FW 451-500        | K.7  |
| 0446100000 | SBL/1912         | B.20 | 0457500000        | Q 2 SAK16             | I.9  | 0468260451 | DEK 6,5 FS 451-500 | K.9  | 0473460501   | DEK 5 FW 501-550        | K.7  |
| 0446200000 | SBL/2111         | B.20 | 0457600000        | Q 3 SAK16             | B.4  | 0468260501 | DEK 6,5 FS 501-550 | K.9  | 0473460551   | DEK 5 FW 551-600        | K.7  |
| 0446200000 | SBL/2111         | A.22 | 0457600000        | Q 3 SAK16             | A.9  | 0468260551 | DEK 6,5 FS 551-600 | K.9  | 0473460601   | DEK 5 FW 601-650        | K.7  |
| 0446300000 | SBL/2489         | A.23 | 0457600000        | Q 3 SAK16             | C.3  | 0468260601 | DEK 6,5 FS 601-650 | K.9  | 0473460651   | DEK 5 FW 651-700        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | A.52 | 0457600000        | Q 3 SAK16             | B.7  | 0468260651 | DEK 6,5 FS 651-700 | K.9  | 0473460701   | DEK 5 FW 701-750        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | E.11 | 0457600000        | Q 3 SAK16             | I.9  | 0468260701 | DEK 6,5 FS 701-750 | K.9  | 0473460751   | DEK 5 FW 751-800        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | B.57 | 0457600000        | Q 3 SAK16             | A.4  | 0468260751 | DEK 6,5 FS 751-800 | K.9  | 0473460801   | DEK 5 FW 801-850        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | B.60 | 0457700000        | Q 4 SAK16             | B.4  | 0468260801 | DEK 6,5 FS 801-850 | K.9  | 0473460851   | DEK 5 FW 851-900        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | A.53 | 0457700000        | Q 4 SAK16             | I.9  | 0468260851 | DEK 6,5 FS 851-900 | K.9  | 0473460901   | DEK 5 FW 901-950        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | B.58 | 0457700000        | Q 4 SAK16             | A.4  | 0468260901 | DEK 6,5 FS 901-950 | K.9  | 0473460951   | DEK 5 FW 951-999        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | E.10 | 0457700000        | Q 4 SAK16             | C.3  | 0468260951 | DEK 6,5 FS 951-999 | K.9  | 0473560001   | DEK 5 FS 1-50           | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | A.51 | 0457700000        | Q 4 SAK16             | A.9  | 0468560000 | DEK 6 NEUTRAL      | K.8  | 0473560051   | DEK 5 FS 51-100         | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | A.56 | 0457700000        | Q 4 SAK16             | B.7  | 0468560000 | DEK 6 NEUTRAL      | K.9  | 0473560101   | DEK 5 FS 101-150        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | A.55 | 0457800000        | Q 10 SAK16            | A.9  | 0468591686 | DEK 6 RT NEUTRAL   | K.9  | 0473560151   | DEK 5 FS 151-200        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | E.12 | 0457800000        | Q 10 SAK16            | I.9  | 0468591687 | DEK 6 GE NEUTRAL   | K.8  | 0473560201   | DEK 5 FS 201-250        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | B.56 | 0457800000        | Q 10 SAK16            | C.3  | 0468591688 | DEK 6 GN NEUTRAL   | K.8  | 0473560251   | DEK 5 FS 251-300        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | A.50 | 0457800000        | Q 10 SAK16            | A.4  | 0468591689 | DEK 6 V NEUTRAL    | K.9  | 0473560301   | DEK 5 FS 301-350        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | A.54 | 0457800000        | Q 10 SAK16            | B.4  | 0468591690 | DEK 6 OR NEUTRAL   | K.9  | 0473560351   | DEK 5 FS 351-400        | K.7  |
| 0446600000 | VH 10/4/2.8 AKZ4 | B.59 | 0457800000        | Q 10 SAK16            | B.7  | 0468591691 | DEK 6 GR NEUTRAL   | K.8  | 0473560401   | DEK 5 FS 401-450        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | A.54 | 0459500000        | ZBE 6                 | H.6  | 0468591692 | DEK 6 BR NEUTRAL   | K.8  | 0473560451   | DEK 5 FS 451-500        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | E.11 |                   |                       |      | 0468591693 | DEK 6 BL NEUTRAL   | K.8  | 0473560501   | DEK 5 FS 501-550        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | E.10 | <b>0460000000</b> |                       |      | 0468591694 | DEK 6 SW NEUTRAL   | K.9  | 0473560551   | DEK 5 FS 551-600        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | B.60 | 0460020000        | AP SAK4 KRG M.FU      | I.6  | 0468660001 | DEK 6 FW 1-50      | K.8  | 0473560601   | DEK 5 FS 601-650        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | E.12 | 0460360000        | AST 3/35 6.3/2.8      | A.36 | 0468660051 | DEK 6 FW 51-100    | K.8  | 0473560651   | DEK 5 FS 651-700        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | A.56 | 0460480000        | AST 4/35 SF 6.3/2.8   | A.37 | 0468660101 | DEK 6 FW 101-150   | K.8  | 0473560701   | DEK 5 FS 701-750        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | A.55 | 0460490000        | AP SAK2.5/35 DB       | I.6  | 0468660151 | DEK 6 FW 151-200   | K.8  | 0473560751   | DEK 5 FS 751-800        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | A.50 | 0460560000        | AP SAK2.5/35 + AST3+4 | C.2  | 0468660201 | DEK 6 FW 201-250   | K.8  | 0473560801   | DEK 5 FS 801-850        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | B.59 | 0460560000        | AP SAK2.5/35 + AST3+4 | A.37 | 0468660251 | DEK 6 FW 251-300   | K.8  | 0473560851   | DEK 5 FS 851-900        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | B.56 | 0460560000        | AP SAK2.5/35 + AST3+4 | A.37 | 0468660301 | DEK 6 FW 301-350   | K.8  | 0473560901   | DEK 5 FS 901-950        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | A.51 | 0460560000        | AP SAK2.5/35 + AST3+4 | B.36 | 0468660351 | DEK 6 FW 351-400   | K.8  | 0473560951   | DEK 5 FS 951-999        | K.7  |
| 0446700000 | VL 2 AKZ4/DK4    | A.53 | 0460560000        | AP SAK2.5/35 + AST3+4 | I.6  | 0468660401 | DEK 6 FW 401-450   | K.8  | 0474360000   | EK 2.5N                 | B.12 |
| 0446700000 | VL 2 AKZ4/DK4    | B.57 | 0460580000        | AP SAK2.5/35 BL       | I.6  | 0468660451 | DEK 6 FW 451-500   | K.8  | 0474460000   | DK 4/32 LD ROT 24VDC A2 | B.56 |
| 0446700000 | VL 2 AKZ4/DK4    | B.58 | 0460660001        | DEK 5 FSZ 1-10        | K.7  | 0468660501 | DEK 6 FW 501-550   | K.8  | 0474560000   | ASK 1/EN                | C.7  |
| 0446700000 | VL 2 AKZ4/DK4    | A.52 | 0460660011        | DEK 5 FSZ 11-20       | K.7  | 0468660551 | DEK 6 FW 551-600   | K.8  | 0474700000   | TW AST1/PA HP/DBR/0.5   | A.11 |
| 0447240000 | AP ST5 PPO/SW    | I.6  | 0460660021        | DEK 5 FSZ 21-30       | K.7  | 0468660601 | DEK 6 FW 601-650   | K.8  | 0474700000   | TW AST1/PA HP/DBR/0.5   | B.28 |
| 0447240000 | AP ST5 PPO/SW    | C.6  | 0460660031        | DEK 5 FSZ 31-40       | K.7  | 0468660651 | DEK 6 FW 651-700   | K.8  | 0474700000   | TW AST1/PA HP/DBR/0.5   | A.37 |
| 0447260000 | AP ST5 PA/BE     | I.6  | 0460660041        | DEK 5 FSZ 41-50       | K.7  | 0468660701 | DEK 6 FW 701-750   | K.8  | 0474700000   | TW AST1/PA HP/DBR/0.5   | B.41 |
| 0448360000 | ST 5 PA/BE       | C.6  | 0460660051        | DEK 5 FSZ 51-60       | K.7  | 0468660751 | DEK 6 FW 751-800   | K.8  | 0474700000   | TW AST1/PA HP/DBR/0.5   | B.32 |
| 0448460000 | STL 5            | C.6  | 0460660061        | DEK 5 FSZ 61-70       | K.7  | 0468660801 | DEK 6 FW 801-850   | K.8  | 0474700000   | TW AST1/PA HP/DBR/0.5   | A.33 |
|            |                  |      | 0460660071        | DEK 5 FSZ 71-80       | K.7  | 0468660851 | DEK 6 FW 851-900   | K.8  | 0474700000   | TW AST1/PA HP/DBR/0.5   | B.36 |
|            |                  |      | 0460660081        | DEK 5 FSZ 81-90       | K.7  | 0468660901 | DEK 6 FW 901-950   | K.8  | 0475360000   | ZB 4K GE/GN             | H.7  |
|            |                  |      | 0460660091        | DEK 5 FSZ 91-100      | E.6  | 0468660951 | DEK 6 FW 951-999   | K.8  | 0475380000   | ZB 4K BL                | H.7  |
| 0451300000 | POSC M3X20 PAVNA | I.17 | 0461100000        | QB 2 WI RA8 IS        | K.7  | 0468760001 | DEK 6 FS 1-50      | K.8  | 0475460000   | IK 4 GG ZB4             | H.6  |
| 0456700000 | Q 2 SAK6N        | I.21 | 0461100000        | QB 2 WI RA8 IS        | C.7  | 0468760051 | DEK 6 FS 51-100    | K.8  | 0475480000   | IK 4 BL ZB4             | H.6  |
| 0456700000 | Q 2 SAK6N        | I.9  | 0461100000        | QB 2 WI RA8 IS        | B.21 | 0468760101 | DEK 6 FS 101-150   | K.8  | 0476260000   | AP ADK1                 | I.6  |
| 0456700000 | Q 2 SAK6N        | A.8  | 0461100000        | QB 2 WI RA8 IS        | I.13 | 0468760151 | DEK 6 FS 151-200   | K.8  | 0476260000   | AP ADK1                 | E.11 |
| 0456700000 | Q 2 SAK6N        | B.3  | 0461200000        | QB 3 WI RA8 IS        | E.6  | 0468760201 | DEK 6 FS 201-250   | K.8  | 0476520000   | SAK 35/IK KRG           | B.8  |
| 0456700000 | Q 2 SAK6N        | C.3  | 0461200000        | QB 3 WI RA8 IS        | C.7  | 0468760251 | DEK 6 FS 251-300   | K.8  | 0476560000   | SAK 35/IK               | B.5  |
| 0456700000 | Q 2 SAK6N        | A.3  | 0461200000        | QB 3 WI RA8 IS        | B.21 | 0468760301 | DEK 6 FS 301-350   | K.8  | 0477660000   | TW ST5 PA/BE            | C.6  |
| 0456700000 | Q 2 SAK6N        | B.7  | 0461200000        | QB 3 WI RA8 IS        | I.13 | 0468760351 | DEK 6 FS 351-400   | K.8  | 0478220000   | AST 1 6.3/2.8 KRG       | B.42 |
| 0456800000 | Q 3 SAK6N        | B.3  | 0461300000        | QB 4 WI RA8 IS        | E.6  | 0468760401 | DEK 6 FS 401-450   | K.8  | 0478260000   | AST 1 6.3/2.8           | B.36 |
| 0456800000 | Q 3 SAK6N        | I.9  | 0461300000        | QB 4 WI RA8 IS        | C.7  | 0468760451 | DEK 6 FS 451-500   | K.8  | 0479220000   | AST 5 SF 6.3/2.8 KRG    | B.43 |
| 0456800000 | Q 3 SAK6N        | A.3  | 0461300000        | QB 4 WI RA8 IS        | B.21 | 0468760501 | DEK 6 FS 501-550   | K.8  | 0479360000   | AST 3/35 6.3            | A.36 |
| 0456800000 | Q 3 SAK6N        | A.8  | 0461300000        | QB 4 WI RA8 IS        | I.13 | 0468760551 | DEK 6 FS 551-600   | K.8  | 0479460000   | AST 4/35 SF 6.3         | A.37 |
| 0456800000 | Q 3 SAK6N        | B.7  | 0462900000        | H0,75/14 W            | J.22 | 0468760601 | DEK 6 FS 601-650   | K.8  | 0479620000   | SAK 4 SS 6.3/2.8 KRG    | B.44 |
| 0456800000 | Q 3 SAK6N        | I.21 | 0463000000        | H1,0/14 GE            | J.22 | 0468760651 | DEK 6 FS 651-700   | K.8  | 0479660000   | SAK 4 SS 6.3/2.8        | B.37 |
| 0456800000 | Q 3 SAK6N        | C.3  | 0463100000        | H1,5/14 R             | J.22 | 0468760701 | DEK 6 FS 701-750   | K.8  |              |                         |      |
| 0456900000 | Q 4 SAK6N        | A.8  | 0464460000        | SAKR LL               | B.40 | 0468760751 | DEK 6 FS 751-800   | K.8  |              |                         |      |
| 0456900000 | Q 4 SAK6N        | I.21 | 0467400000        | SAK 4/EN OR           | I.7  | 0468760801 | DEK 6 FS 801-850   | K.8  |              |                         |      |
| 0456900000 | Q 4 SAK6N        | A.3  | 0467460000        | SAK 4/EN              | C.2  | 0468760851 | DEK 6 FS 851-900   | K.8  |              |                         |      |
| 0456900000 | Q 4 SAK6N        | B.3  | 0467480000        | SAK 4/EN BL           | I.7  | 0468760901 | DEK 6 FS 901-950   | K.8  |              |                         |      |
| 0456900000 | Q 4 SAK6N        | B.7  | 0467480000        | SAK 4/EN BL           | C.2  | 0468760951 | DEK 6 FS 951-999   | K.8  |              |                         |      |
| 0456900000 | Q 4 SAK6N        | C.3  | 0467960000        | DK 4/32 1D CSA A2     | B.59 | 0469360000 | SAKR TS SE 1.6     | B.39 |              |                         |      |
| 0456900000 | Q 4 SAK6N        | I.9  | 0468060000        | DEK 6,5 NEUTRAL       | K.9  |            |                    |      |              |                         |      |
| 0457000000 | Q 10 SAK6N       | I.21 | 0468091686        | DEK 6,5 RT NEUTRAL    | K.9  |            |                    |      |              |                         |      |
| 0457000000 | Q 10 SAK6N       | B.3  | 0468091687        | DEK 6,5 GE NEUTRAL    | K.9  |            |                    |      |              |                         |      |
| 0457000000 | Q 10 SAK6N       | C.3  | 0468091688        | DEK 6,5 GN NEUTRAL    | K.9  |            |                    |      |              |                         |      |
| 0457000000 | Q 10 SAK6N       | A.3  | 0468091689        | DEK 6,5 VI NEUTRAL    | K.9  | 0470300000 | QL 2 SAK10         | I.10 | 0482700000   | QB 2 WI RA6 IS          | B.61 |
| 0457000000 | Q 10 SAK6N       | B.7  | 0468091690        | DEK 6,5 OR NEUTRAL    | K.9  | 0470300000 | QL 2 SAK10         | I.9  | 0482700000</ |                         |      |

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| 0482800000 | QB 3 WI RA6 IS    | B.16 | 0514500000        | TS 35X7.5/LL 2M/ST/ZN   | H.11 | 0522660052 | DEK 5 GW 52  | K.7  | 0522660152 | DEK 5 GW 152     | K.7  |
| 0482800000 | QB 3 WI RA6 IS    | B.38 | 0514510000        | TS 35X7.5/LL 1M/ST/ZN   | H.11 | 0522660053 | DEK 5 GW 53  | K.7  | 0522660153 | DEK 5 GW 153     | K.7  |
| 0482800000 | QB 3 WI RA6 IS    | B.17 | 0514570000        | TS 35X7.5/LL/6 2M/ST/ZN | H.11 | 0522660054 | DEK 5 GW 54  | K.7  | 0522660154 | DEK 5 GW 154     | K.7  |
| 0482800000 | QB 3 WI RA6 IS    | A.55 | 0515300000        | STR 7 F.SCHT 7          | K.17 | 0522660055 | DEK 5 GW 55  | K.7  | 0522660155 | DEK 5 GW 155     | K.7  |
| 0482800000 | QB 3 WI RA6 IS    | A.20 | 0515300000        | STR 7 F.SCHT 7          | K.19 | 0522660056 | DEK 5 GW 56  | K.7  | 0522660156 | DEK 5 GW 156     | K.7  |
| 0482800000 | QB 3 WI RA6 IS    | B.40 | 0517960000        | SCHT 7                  | K.17 | 0522660057 | DEK 5 GW 57  | K.7  | 0522660157 | DEK 5 GW 157     | K.7  |
| 0482800000 | QB 3 WI RA6 IS    | B.59 | 0518160000        | SAKR LS 2STB            | B.40 | 0522660058 | DEK 5 GW 58  | K.7  | 0522660158 | DEK 5 GW 158     | K.7  |
| 0482800000 | QB 3 WI RA6 IS    | A.50 | 0518200000        | AD 4 SAK16              | B.7  | 0522660059 | DEK 5 GW 59  | K.7  | 0522660159 | DEK 5 GW 159     | K.7  |
| 0482800000 | QB 3 WI RA6 IS    | A.18 | 0518200000        | AD 4 SAK16              | I.17 | 0522660060 | DEK 5 GW 60  | K.7  | 0522660160 | DEK 5 GW 160     | K.8  |
| 0482800000 | QB 3 WI RA6 IS    | A.56 | 0518200000        | AD 4 SAK16              | C.3  | 0522660061 | DEK 5 GW 61  | K.7  | 0522660161 | DEK 5 GW 161     | K.8  |
| 0482800000 | QB 3 WI RA6 IS    | B.58 | 0518200000        | AD 4 SAK16              | A.4  | 0522660062 | DEK 5 GW 62  | K.7  | 0522660162 | DEK 5 GW 162     | K.8  |
| 0482800000 | QB 3 WI RA6 IS    | A.54 | 0518200000        | AD 4 SAK16              | A.8  | 0522660063 | DEK 5 GW 63  | K.7  | 0522660163 | DEK 5 GW 163     | K.8  |
| 0482800000 | QB 3 WI RA6 IS    | A.53 | 0518960001        | DEK 6 FWZ 11-10         | K.9  | 0522660064 | DEK 5 GW 64  | K.7  | 0522660164 | DEK 5 GW 164     | K.8  |
| 0482800000 | QB 3 WI RA6 IS    | A.52 | 0518960011        | DEK 6 FWZ 11-20         | K.8  | 0522660065 | DEK 5 GW 65  | K.7  | 0522660165 | DEK 5 GW 165     | K.8  |
| 0482800000 | QB 3 WI RA6 IS    | A.51 | 0518960021        | DEK 6 FWZ 21-30         | K.8  | 0522660066 | DEK 5 GW 66  | K.7  | 0522660166 | DEK 5 GW 166     | K.8  |
| 0482800000 | QB 3 WI RA6 IS    | I.13 | 0518960031        | DEK 6 FWZ 31-40         | K.8  | 0522660067 | DEK 5 GW 67  | K.7  | 0522660167 | DEK 5 GW 167     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.53 | 0518960041        | DEK 6 FWZ 41-50         | K.8  | 0522660068 | DEK 5 GW 68  | K.7  | 0522660168 | DEK 5 GW 168     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.56 | 0518960051        | DEK 6 FWZ 51-60         | K.8  | 0522660069 | DEK 5 GW 69  | K.7  | 0522660169 | DEK 5 GW 169     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.54 | 0518960061        | DEK 6 FWZ 61-70         | K.8  | 0522660070 | DEK 5 GW 70  | K.7  | 0522660170 | DEK 5 GW 170     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.61 | 0518960071        | DEK 6 FWZ 71-80         | K.8  | 0522660071 | DEK 5 GW 71  | K.7  | 0522660171 | DEK 5 GW 171     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.58 | 0518960081        | DEK 6 FWZ 81-90         | K.8  | 0522660072 | DEK 5 GW 72  | K.7  | 0522660172 | DEK 5 GW 172     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.55 | 0518960091        | DEK 6 FWZ 91-100        | K.8  | 0522660073 | DEK 5 GW 73  | K.7  | 0522660173 | DEK 5 GW 173     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.59 | 0518960101        | DEK 6 FWZ 101-110       | K.8  | 0522660074 | DEK 5 GW 74  | K.7  | 0522660174 | DEK 5 GW 174     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.57 | 0518960111        | DEK 6 FWZ 111-120       | K.8  | 0522660075 | DEK 5 GW 75  | K.7  | 0522660175 | DEK 5 GW 175     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.52 | 0518960121        | DEK 6 FWZ 121-130       | K.8  | 0522660076 | DEK 5 GW 76  | K.7  | 0522660176 | DEK 5 GW 176     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.60 | 0518960131        | DEK 6 FWZ 131-140       | K.8  | 0522660077 | DEK 5 GW 77  | K.7  | 0522660177 | DEK 5 GW 177     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.50 | 0518960141        | DEK 6 FWZ 141-150       | K.8  | 0522660078 | DEK 5 GW 78  | K.7  | 0522660178 | DEK 5 GW 178     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.16 | 0518960151        | DEK 6 FWZ 151-160       | K.8  | 0522660079 | DEK 5 GW 79  | K.7  | 0522660179 | DEK 5 GW 179     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.40 | 0518960161        | DEK 6 FWZ 161-170       | K.8  | 0522660080 | DEK 5 GW 80  | K.7  | 0522660180 | DEK 5 GW 180     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.18 | 0518960171        | DEK 6 FWZ 171-180       | K.8  | 0522660081 | DEK 5 GW 81  | K.7  | 0522660181 | DEK 5 GW 181     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.51 | 0518960181        | DEK 6 FWZ 181-190       | K.8  | 0522660082 | DEK 5 GW 82  | K.7  | 0522660182 | DEK 5 GW 182     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.39 | 0518960191        | DEK 6 FWZ 191-200       | K.8  | 0522660083 | DEK 5 GW 83  | K.7  | 0522660183 | DEK 5 GW 183     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.38 | 0518960201        | DEK 6 FWZ 201-210       | K.8  | 0522660084 | DEK 5 GW 84  | K.7  | 0522660184 | DEK 5 GW 184     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.19 | 0519060001        | DEK 6,5 FWZ 1-10        | K.9  | 0522660085 | DEK 5 GW 85  | K.7  | 0522660185 | DEK 5 GW 185     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | B.17 | 0519060011        | DEK 6,5 FWZ 11-20       | K.9  | 0522660086 | DEK 5 GW 86  | K.7  | 0522660186 | DEK 5 GW 186     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.56 | 0519060021        | DEK 6,5 FWZ 21-30       | K.9  | 0522660087 | DEK 5 GW 87  | K.7  | 0522660187 | DEK 5 GW 187     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | A.20 | 0519060031        | DEK 6,5 FWZ 31-40       | K.9  | 0522660088 | DEK 5 GW 88  | K.7  | 0522660188 | DEK 5 GW 188     | K.8  |
| 0482900000 | QB 4 WI RA6 IS    | I.13 | 0519060041        | DEK 6,5 FWZ 41-50       | K.9  | 0522660089 | DEK 5 GW 89  | K.7  | 0522660189 | DEK 5 GW 189     | K.8  |
| 0483460000 | AP TOP4SF-FF      | I.4  | 0519060051        | DEK 6,5 FWZ 51-60       | K.9  | 0522660090 | DEK 5 GW 90  | K.7  | 0522660190 | DEK 5 GW 190     | K.8  |
| 0483460000 | AP TOP4SF-FF      | I.6  | 0519060061        | DEK 6,5 FWZ 61-70       | K.9  | 0522660091 | DEK 5 GW 91  | K.7  | 0522660191 | DEK 5 GW 191     | K.8  |
| 0484060000 | DK 4/32 1D CSA A1 | B.58 | 0519060071        | DEK 6,5 FWZ 71-80       | K.9  | 0522660092 | DEK 5 GW 92  | K.7  | 0522660192 | DEK 5 GW 192     | K.8  |
| 0485100000 | IS 4 DIN 6911     | J.20 | 0519060081        | DEK 6,5 FWZ 81-90       | K.9  | 0522660093 | DEK 5 GW 93  | K.7  | 0522660193 | DEK 5 GW 193     | K.8  |
| 0485200000 | ADP 1/HP1 1M      | I.16 | 0519060091        | DEK 6,5 FWZ 91-100      | K.9  | 0522660094 | DEK 5 GW 94  | K.7  | 0522660194 | DEK 5 GW 194     | K.8  |
| 0485300000 | ADP 2/HP2 1M      | I.16 |                   |                         |      | 0522660095 | DEK 5 GW 95  | K.7  | 0522660195 | DEK 5 GW 195     | K.8  |
| 0485300000 | ADP 2/HP2 1M      | A.11 | <b>0520000000</b> |                         |      | 0522660096 | DEK 5 GW 96  | K.7  | 0522660196 | DEK 5 GW 196     | K.8  |
| 0485400000 | ADP 3/HP3 1M      | A.10 |                   |                         |      | 0522660097 | DEK 5 GW 97  | K.7  | 0522660197 | DEK 5 GW 197     | K.8  |
| 0485400000 | ADP 3/HP3 1M      | I.16 | 0522361075        | DEK 5 GW L1             | K.8  | 0522660098 | DEK 5 GW 98  | K.7  | 0522660198 | DEK 5 GW 198     | K.8  |
| 0485560000 | HP 1 ADP1         | I.16 | 0522361076        | DEK 5 GW L2             | K.8  | 0522660099 | DEK 5 GW 99  | K.7  | 0522660199 | DEK 5 GW 199     | K.8  |
| 0485560000 | HP 2 ADP2         | I.16 | 0522361077        | DEK 5 GW L3             | K.8  | 0522660100 | DEK 5 GW 100 | K.7  | 0522660200 | DEK 5 GW 200     | K.8  |
| 0485760000 | HP 3 ADP3         | I.16 | 0522860001        | DEK 5 GW 1              | K.7  | 0522660101 | DEK 5 GW 101 | K.7  | 0522761021 | DEK 5 GW A       | K.8  |
| 0485860000 | HP 4 ADP3         | I.16 | 0522860002        | DEK 5 GW 2              | K.7  | 0522660102 | DEK 5 GW 102 | K.7  | 0522761022 | DEK 5 GW B       | K.8  |
|            |                   |      | 0522860003        | DEK 5 GW 3              | K.7  | 0522660103 | DEK 5 GW 103 | K.7  | 0522761023 | DEK 5 GW C       | K.8  |
|            |                   |      | 0522860004        | DEK 5 GW 4              | K.7  | 0522660104 | DEK 5 GW 104 | K.7  | 0522761024 | DEK 5 GW D       | K.8  |
|            |                   |      | 0522860005        | DEK 5 GW 5              | K.7  | 0522660105 | DEK 5 GW 105 | K.7  | 0522761025 | DEK 5 GW E       | K.8  |
|            |                   |      | 0522860006        | DEK 5 GW 6              | K.7  | 0522660106 | DEK 5 GW 106 | K.7  | 0522761026 | DEK 5 GW F       | K.8  |
|            |                   |      | 0522860007        | DEK 5 GW 7              | K.7  | 0522660107 | DEK 5 GW 107 | K.7  | 0522761027 | DEK 5 GW G       | K.8  |
|            |                   |      | 0522860008        | DEK 5 GW 8              | K.7  | 0522660108 | DEK 5 GW 108 | K.7  | 0522761028 | DEK 5 GW H       | K.8  |
|            |                   |      | 0522860009        | DEK 5 GW 9              | K.7  | 0522660109 | DEK 5 GW 109 | K.7  | 0522761029 | DEK 5 GW I       | K.8  |
|            |                   |      | 0522860010        | DEK 5 GW 10             | K.7  | 0522660110 | DEK 5 GW 110 | K.7  | 0522761030 | DEK 5 GW J       | K.8  |
|            |                   |      | 0522860011        | DEK 5 GW 11             | K.7  | 0522660111 | DEK 5 GW 111 | K.7  | 0522761031 | DEK 5 GW K       | K.8  |
|            |                   |      | 0522860012        | DEK 5 GW 12             | K.7  | 0522660112 | DEK 5 GW 112 | K.7  | 0522761032 | DEK 5 GW L       | K.8  |
|            |                   |      | 0522860013        | DEK 5 GW 13             | K.7  | 0522660113 | DEK 5 GW 113 | K.7  | 0522761033 | DEK 5 GW M       | K.8  |
|            |                   |      | 0522860014        | DEK 5 GW 14             | K.7  | 0522660114 | DEK 5 GW 114 | K.7  | 0522761034 | DEK 5 GW N       | K.8  |
|            |                   |      | 0522860015        | DEK 5 GW 15             | K.7  | 0522660115 | DEK 5 GW 115 | K.7  | 0522761035 | DEK 5 GW O       | K.8  |
|            |                   |      | 0522860016        | DEK 5 GW 16             | K.7  | 0522660116 | DEK 5 GW 116 | K.7  | 0522761036 | DEK 5 GW P       | K.8  |
|            |                   |      | 0522860017        | DEK 5 GW 17             | K.7  | 0522660117 | DEK 5 GW 117 | K.7  | 0522761037 | DEK 5 GW Q       | K.8  |
|            |                   |      | 0522860018        | DEK 5 GW 18             | K.7  | 0522660118 | DEK 5 GW 118 | K.7  | 0522761038 | DEK 5 GW R       | K.8  |
|            |                   |      | 0522860019        | DEK 5 GW 19             | K.7  | 0522660119 | DEK 5 GW 119 | K.7  | 0522761039 | DEK 5 GW S       | K.8  |
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|            |                   |      | 0522860021        | DEK 5 GW 21             | K.7  | 0522660121 | DEK 5 GW 121 | K.7  | 0522761041 | DEK 5 GW U       | K.8  |
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|            |                   |      | 0522860025        | DEK 5 GW 25             | K.7  | 0522660125 | DEK 5 GW 125 | K.7  | 0522761045 | DEK 5 GW Y       | K.8  |
|            |                   |      | 0522860026        | DEK 5 GW 26             | K.7  | 0522660126 | DEK 5 GW 126 | K.7  | 0522761046 | DEK 5 GW Z       | K.8  |
|            |                   |      | 0522860027        | DEK 5 GW 27             | K.7  | 0522660127 | DEK 5 GW 127 | K.7  | 0522861047 | DEK 5 GW A KLEIN | K.8  |
|            |                   |      | 0522860028        | DEK 5 GW 28             | K.7  | 0522660128 | DEK 5 GW 128 | K.7  | 0522861048 | DEK 5 GW B KLEIN | K.8  |
|            |                   |      | 0522860029        | DEK 5 GW 29             | K.7  | 0522660129 | DEK 5 GW 129 | K.7  | 0522861049 | DEK 5 GW C KLEIN | K.8  |
|            |                   |      | 0522860030        | DEK 5 GW 30             | K.7  | 0522660130 | DEK 5 GW 130 | K.7  | 0522861050 | DEK 5 GW D KLEIN | K.8  |
|            |                   |      | 0522860031        | DEK 5 GW 31             | K.7  | 0522660131 | DEK 5 GW 131 | K.7  | 0522861051 | DEK 5 GW E KLEIN | K.8  |
|            |                   |      | 0522860032        | DEK 5 GW 32             | K.7  | 0522660132 | DEK 5 GW 132 | K.7  | 0522861052 | DEK 5 GW F KLEIN | K.8  |
|            |                   |      | 0522860033        | DEK 5 GW 33             | K.7  | 0522660133 | DEK 5 GW 133 | K.7  | 0522861053 | DEK 5 GW G KLEIN | K.8  |
|            |                   |      | 0522860034        | DEK 5 GW 34             | K.7  | 0522660134 | DEK 5 GW 134 | K.7  | 0522861054 | DEK 5 GW H KLEIN | K.8  |
|            |                   |      | 0522860035        | DEK 5 GW 35             | K.7  | 0522660135 | DEK 5 GW 135 | K.7  | 0522861055 | DEK 5 GW I KLEIN | K.8  |
|            |                   |      | 0522860036        | DEK 5 GW 36             | K.7  | 0522660136 | DEK 5 GW 136 | K.7  | 0522861056 | DEK 5 GW J KLEIN | K.8  |
|            |                   |      | 0522860037        | DEK 5 GW 37             | K.7  | 0522660137 | DEK 5 GW 137 | K.7  | 0522861057 | DEK 5 GW K KLEIN | K.8  |
|            |                   |      | 0522860038        | DEK 5 GW 38             | K.7  | 0522660138 | DEK 5 GW 138 | K.7  | 0522861058 | DEK 5 GW L KLEIN | K.8  |
|            |                   |      | 0522860039        | DEK 5 GW 39             | K.7  | 0522660139 | DEK 5 GW 139 | K.7  | 0522861059 | DEK 5 GW M KLEIN | K.8  |
|            |                   |      | 0522860040        | DEK 5 GW 40             | K.7  | 0522660140 | DEK 5 GW 140 | K.7  | 0522861060 | DEK 5 GW N       |      |

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| 0522861072 | DEK 5 GW Z KLEIN  | K.8  | 0526960077 | DEK 6 GW 77             | K.9  | 0564900000 | QL 2 SAK35N            | A.5  | 0630200000 | KISC M5X50/26 SAK95     | I.9  |
| 0523060001 | DEK 5 FWZ 1-10    | K.7  | 0526960078 | DEK 6 GW 78             | K.9  | 0565000000 | QL 3 SAK35N            | B.9  | 0630360000 | SAK 4 S/35 6.3/2.8      | A.37 |
| 0523060011 | DEK 5 FWZ 11-20   | K.7  | 0526960079 | DEK 6 GW 79             | K.9  | 0565000000 | QL 3 SAK35N            | A.5  | 0630460000 | SAK 4 SS/35 6.3/2.8     | A.38 |
| 0523060021 | DEK 5 FWZ 21-30   | K.7  | 0526960080 | DEK 6 GW 80             | K.9  | 0565000000 | QL 3 SAK35N            | I.9  | 0631260000 | DK 4S SF 6.3/2.8        | B.37 |
| 0523060031 | DEK 5 FWZ 31-40   | K.7  | 0526960081 | DEK 6 GW 81             | K.9  | 0565000000 | QL 3 SAK35N            | B.5  | 0631300000 | AP DK4Q DB              | I.6  |
| 0523060041 | DEK 5 FWZ 41-50   | K.7  | 0526960082 | DEK 6 GW 82             | K.9  | 0565000000 | QL 3 SAK35N            | A.9  | 0631360000 | AP DK4S                 | I.6  |
| 0523060051 | DEK 5 FWZ 51-60   | K.7  | 0526960083 | DEK 6 GW 83             | K.9  | 0565100000 | QL 4 SAK35N            | B.5  | 0631360000 | AP DK4S                 | A.38 |
| 0523060061 | DEK 5 FWZ 61-70   | K.7  | 0526960084 | DEK 6 GW 84             | K.9  | 0565100000 | QL 4 SAK35N            | B.9  | 0631360000 | AP DK4S                 | B.37 |
| 0523060071 | DEK 5 FWZ 71-80   | K.7  | 0526960085 | DEK 6 GW 85             | K.9  | 0565100000 | QL 4 SAK35N            | A.9  | 0631360000 | AP DK4S                 | A.39 |
| 0523060081 | DEK 5 FWZ 81-90   | K.7  | 0526960086 | DEK 6 GW 86             | K.9  | 0565100000 | QL 4 SAK35N            | A.5  | 0631380000 | AP DK4S BL              | I.6  |
| 0523060091 | DEK 5 FWZ 91-100  | K.7  | 0526960087 | DEK 6 GW 87             | K.9  | 0565100000 | QL 4 SAK35N            | I.9  | 0631860000 | DEK 6 FWZ R,S,T,N,ERDE  | K.8  |
| 0523760000 | DK 4/32 2D CSA A2 | B.59 | 0526960088 | DEK 6 GW 88             | K.9  | 0565200000 | QL 10 SAK35N           | B.9  | 0631961187 | DEK 6 FWZ L1-PE         | K.8  |
| 0525500000 | GZ 1.0A/F         | B.26 | 0526960089 | DEK 6 GW 89             | K.9  | 0565200000 | QL 10 SAK35N           | A.5  | 0631961203 | DEK 6 FWZ L1-ERDE LKRE  | K.8  |
| 0525500000 | GZ 1.0A/F         | A.23 | 0526960090 | DEK 6 GW 90             | K.9  | 0565200000 | QL 10 SAK35N           | B.5  | 0632060000 | DEK 6,5 FWZ R,S,T,N,ERD | K.9  |
| 0525500000 | GZ 1.0A/F         | A.28 | 0526960091 | DEK 6 GW 91             | K.9  | 0565200000 | QL 10 SAK35N           | A.9  | 0632161187 | DEK 6,5 FW L1-PE        | K.9  |
| 0525910000 | ZBE 6K SW         | H.7  | 0526960092 | DEK 6 GW 92             | K.9  | 0565200000 | QL 10 SAK35N           | I.9  | 0632161203 | DEK 6,5 FW L1-ERDE I.KR | K.9  |
| 0525960000 | ZBE 6K GE/GN      | H.7  | 0526960093 | DEK 6 GW 93             | K.9  | 0565460000 | ZB 4/6K GE/GN          | H.7  | 0632560000 | DEK 6 FW L,N,PE         | K.8  |
| 0525980000 | ZBE 6K BL         | H.7  | 0526960094 | DEK 6 GW 94             | K.9  | 0565480000 | ZB 4/6K BL             | H.7  | 0634100000 | AD 250                  | I.18 |
| 0526060000 | IK 6 GG ZBE6K     | H.6  | 0526960095 | DEK 6 GW 95             | K.9  | 0565600000 | H1,5/24 R              | J.22 | 0634300000 | HP EK132/2 AD250        | I.18 |
| 0526080000 | IK 6 BL ZBE6K     | H.6  | 0526960096 | DEK 6 GW 96             | K.9  | 0565700000 | H6,0/26 SW             | J.22 | 0635060000 | AP DKIT4                | I.6  |
| 0526400000 |                   | I.13 | 0526960097 | DEK 6 GW 97             | K.9  | 0565800000 | H10,0/28 EB            | J.22 | 0635100000 | H1,5/16 R               | J.22 |
| 0526700000 | ISPF QB75 SW      | I.13 | 0526960098 | DEK 6 GW 98             | K.9  | 0565900000 | H16,0/24 GN            | J.22 | 0635960000 | KLBUE SH1               | H.4  |
| 0526760000 | ISPF QB75 RT      | I.13 | 0526960099 | DEK 6 GW 99             | K.9  | 0566000000 | H16,0/28 GN            | J.22 | 0636620000 | SAKG 70/35 II/GW        | A.44 |
| 0526780000 | ISPF QB75 BL      | I.13 | 0526960100 | DEK 6 GW 100            | K.9  | 0566700000 | BEZ.-KARTE ADP         | I.16 | 0636800000 | FM 5/TS35               | H.15 |
| 0526960001 | DEK 6 GW 1        | K.8  | 0526960200 | DEK 6 GW 200            | K.8  | 0567260000 | SAK 2,5/35 LL          | A.40 | 0636900000 | FM 6/TS35               | H.15 |
| 0526960002 | DEK 6 GW 2        | K.8  | 0526961000 | DEK 6 GW 0              | K.8  | 0567300000 | PZ 3                   | J.7  | 0637120000 | SAKG 32/35 I            | A.42 |
| 0526960003 | DEK 6 GW 3        | K.8  | 0527680000 | DK 4/35                 | A.12 | 0567300000 | PZ 3                   | J.35 | 0637220000 | SAKG 32/35 III          | A.44 |
| 0526960004 | DEK 6 GW 4        | K.8  | 0527680000 | DK 4/35 BL              | A.12 | 0569560000 | DK 4/32 GL 100K 115VAC | B.57 | 0637320000 | SAKG 32/35 II           | A.43 |
| 0526960005 | DEK 6 GW 5        | K.8  | 0528400000 | VL 2 RSF 1+2            | B.28 | 0569660000 | ZB 16/6K GE/GN         | H.7  | 0637420000 | SAKG 32/35 II/GW        | A.43 |
| 0526960006 | DEK 6 GW 6        | K.8  |            |                         |      |            |                        |      | 0637520000 | SAKG 40/35 I            | A.45 |
| 0526960007 | DEK 6 GW 7        | K.8  |            |                         |      |            |                        |      | 0637620000 | SAKG 40/35 III          | A.46 |
| 0526960008 | DEK 6 GW 8        | K.8  |            |                         |      |            |                        |      | 0637720000 | SAKG 40/35 II           | A.45 |
| 0526960009 | DEK 6 GW 9        | K.8  | 0531760000 | SSP 3 SAKT1             | A.33 | 0571200000 | SSCH 6X6X1000 MS/BK    | H.3  | 0637820000 | SAKG 40/35 II/GW        | A.45 |
| 0526960010 | DEK 6 GW 10       | K.8  | 0531760000 | SSP 3 SAKT1             | B.31 | 0571300000 | SSCH 6X6X1000 CU/SN    | H.3  | 0637920000 | SAKG 46/35 II           | A.46 |
| 0526960011 | DEK 6 GW 11       | K.8  | 0531760000 | SSP 3 SAKT1             | A.32 | 0576260000 | DEK 5 GW               | K.7  | 0638020000 | SAKG 46/35 II/GW        | A.47 |
| 0526960012 | DEK 6 GW 12       | K.8  | 0531760000 | SSP 3 SAKT1             | I.20 | 0576261198 | DEK 5 GW +             | K.8  | 0638120000 | SAKG 54/35 II           | A.47 |
| 0526960013 | DEK 6 GW 13       | K.8  | 0531760000 | SSP 3 SAKT1             | B.32 | 0576261199 | DEK 5 GW -             | K.8  | 0638220000 | SAKG 54/35 II/GW        | A.47 |
| 0526960014 | DEK 6 GW 14       | K.8  | 0532960000 | AP DSK1.5               | I.6  | 0576261202 | DEK 5 GW ERDE          | K.8  |            |                         |      |
| 0526960015 | DEK 6 GW 15       | K.8  | 0533500000 | H6,0/20 SW              | J.22 | 0576261203 | DEK 5 GW ERDE I.KR.    | K.8  |            |                         |      |
| 0526960016 | DEK 6 GW 16       | K.8  | 0533800000 | GZ 0.5A/F               | A.28 | 0576261215 | DEK 5 GW W-STROM       | K.8  |            |                         |      |
| 0526960017 | DEK 6 GW 17       | K.8  | 0533800000 | GZ 0.5A/F               | B.26 | 0576291737 | DEK 5 GW RT/SW +       | K.8  | 0641720000 | SH 2 S                  | H.4  |
| 0526960018 | DEK 6 GW 18       | K.8  | 0534200000 | H10,0/22 EB             | J.22 | 0576291741 | DEK 5 GW BL/SW -       | K.8  | 0642600000 | FKSC M6X8 D9/SW3        | H.14 |
| 0526960019 | DEK 6 GW 19       | K.8  | 0535200000 |                         | I.13 | 0576700000 | AD 4 SAK35N            | A.9  | 0642760000 | DK 4/32 2D CSA GET.SCH. | B.59 |
| 0526960020 | DEK 6 GW 20       | K.8  | 0535300000 | EK 95/35/1ZB BK         | A.16 | 0576700000 | AD 4 SAK35N            | I.17 | 0646260000 | MOFU 35/LO/1            | H.15 |
| 0526960021 | DEK 6 GW 21       | K.8  | 0535860000 | TA 1                    | I.14 | 0576700000 | AD 4 SAK35N            | A.5  | 0646400000 | G 25/0.80A/M GR         | A.28 |
| 0526960022 | DEK 6 GW 22       | K.8  | 0536560000 | DK 4 SW 1X1             | B.38 | 0576700000 | AD 4 SAK35N            | A.9  | 0646400000 | G 25/0.80A/M GR         | B.26 |
| 0526960023 | DEK 6 GW 23       | K.8  | 0537261187 | DEK 5 GW PE             | K.8  | 0576700000 | AD 4 SAK35N            | B.9  | 0646560000 | DK 4/32 LD GR 24VDC A2  | B.56 |
| 0526960024 | DEK 6 GW 24       | K.8  | 0537261188 | DEK 5 GW PEN            | K.8  |            |                        |      | 0646930000 | SAK 4 SS/35 6.3 GR      | I.7  |
| 0526960025 | DEK 6 GW 25       | K.8  | 0537261235 | DEK 5 GW MP             | K.8  |            |                        |      |            |                         |      |
| 0526960026 | DEK 6 GW 26       | K.8  | 0538860000 | DK 4/35 1D A2           | A.54 |            |                        |      |            |                         |      |
| 0526960027 | DEK 6 GW 27       | K.8  | 0538960000 | DK 4/35 1D A1           | A.53 | 0582360002 | DEK 5 FSZ 2,4,6...16   | K.7  |            |                         |      |
| 0526960028 | DEK 6 GW 28       | K.8  | 0538980000 | DK 4/35 1D A1 BL        | A.53 | 0582360018 | DEK 5 FSZ 18,20,...32  | K.7  | 0661060000 | EK 2,5/35               | A.14 |
| 0526960029 | DEK 6 GW 29       | K.8  |            |                         |      | 0582460000 | SAK 35/35/IK           | A.5  | 0661160000 | EK 4/35                 | A.14 |
| 0526960030 | DEK 6 GW 30       | K.8  |            |                         |      | 0582560000 |                        | I.4  | 0661260000 | EK 6/35                 | A.15 |
| 0526960031 | DEK 6 GW 31       | K.8  |            |                         |      |            |                        |      | 0661360000 | EK 10/35                | A.15 |
| 0526960032 | DEK 6 GW 32       | K.8  | 0542500000 | H0,75/10                | J.33 |            |                        |      | 0661460000 | EK 35/35                | A.16 |
| 0526960033 | DEK 6 GW 33       | K.8  | 0544120000 | SAK 2,5 LS KRG          | B.45 |            |                        |      | 0662220000 | SAK 95/35 KRG           | A.10 |
| 0526960034 | DEK 6 GW 34       | K.8  | 0544660000 | DK 4/32 1D CSA GET.SCH. | B.58 |            |                        |      | 0662270000 | SAK 95/35 KRG/BL        | I.7  |
| 0526960035 | DEK 6 GW 35       | K.8  | 0545300000 |                         | I.13 | 0590080000 | DK 4Q/32 BL            | B.10 | 0663960000 | DK 4/32 2D A1           | B.60 |
| 0526960036 | DEK 6 GW 36       | K.8  | 0545400000 |                         | I.13 | 0590160000 | DK 4Q/35               | A.12 | 0664600000 | DMS 2 Set               | J.11 |
| 0526960037 | DEK 6 GW 37       | K.8  | 0546000000 | ISPF QB58 SW            | I.13 | 0590180000 | DK 4Q/35 BL            | A.12 | 0664860000 | AST 1/35 6.3            | A.36 |
| 0526960038 | DEK 6 GW 38       | K.8  | 0546040000 | ISPF QB58 RT            | I.13 | 0590260000 | DK 4QV/32              | B.11 | 0664960000 | AST 5/35 SF 6.3/2.8     | A.37 |
| 0526960039 | DEK 6 GW 39       | K.8  | 0546080000 | ISPF QB58 BL            | I.13 | 0590280000 | DK 4QV/32 BL           | B.11 | 0667520000 | SAKS 3/35 GZ/6.3X32     | A.25 |
| 0526960040 | DEK 6 GW 40       | K.8  | 0546900000 | G 25/0.25A/M GE         | B.26 |            |                        |      |            |                         |      |
| 0526960041 | DEK 6 GW 41       | K.8  | 0546900000 | G 25/0.25A/M GE         | A.28 |            |                        |      |            |                         |      |
| 0526960042 | DEK 6 GW 42       | K.8  |            |                         |      |            |                        |      |            |                         |      |
| 0526960043 | DEK 6 GW 43       | K.8  |            |                         |      |            |                        |      |            |                         |      |
| 0526960044 | DEK 6 GW 44       | K.8  |            |                         |      |            |                        |      |            |                         |      |
| 0526960045 | DEK 6 GW 45       | K.8  | 0550420000 | SAKT 1/DU2              | B.31 | 0607000000 | TW SAKS2 HP/DBR/2      | B.36 | 0685260000 | DK 4/32 1D 1K5          | B.60 |
| 0526960046 | DEK 6 GW 46       | K.8  | 0550520000 | SAK 95 KRG              | B.9  | 0607000000 | TW SAKS2 HP/DBR/2      | A.36 | 0686660000 | DK 4S/35 SF 6.3/2.8     | A.39 |
| 0526960047 | DEK 6 GW 47       | K.8  | 0550620000 | SAK 35N KRG             | B.9  | 0607000000 | TW SAKS2 HP/DBR/2      | B.40 | 0687360000 | DKT 4                   | B.17 |
| 0526960048 | DEK 6 GW 48       | K.8  | 0550660000 | SAK 35N                 | B.9  | 0607000000 | TW SAKS2 HP/DBR/2      | B.42 | 0687460000 | DKT 4/35                | A.19 |
| 0526960049 | DEK 6 GW 49       | K.8  | 0550920000 | AP SAK95 KRG            | B.5  | 0607000000 | TW SAKS2 HP/DBR/2      | B.34 | 0687560000 | AP DKT4 PA              | B.17 |
| 0526960050 | DEK 6 GW 50       | K.8  | 0550920000 | AP SAK95 KRG            | I.4  | 0607000000 | TW SAKS2 HP/DBR/2      | A.34 | 0687560000 | AP DKT4 PA              | B.61 |
| 0526960051 | DEK 6 GW 51       | K.8  | 0550920000 | AP SAK95 KRG            | I.6  | 0607000000 | TW SAKS2 HP/DBR/2      | B.43 | 0687560000 | AP DKT4 PA              | I.6  |
| 0526960052 | DEK 6 GW 52       | K.8  | 0550920000 | AP SAK95 KRG            | B.9  | 0607000000 | TW SAKS2 HP/DBR/2      | B.17 | 0687560000 | AP DKT4 PA              | A.19 |
| 0526960053 | DEK 6 GW 53       | K.8  | 0550920000 | AP SAK95 KRG            | A.10 | 0607000000 | TW SAKS2 HP/DBR/2      | B.38 | 0687560000 | AP DKT4 PA              | A.56 |
| 0526960054 | DEK 6 GW 54       | K.8  | 0550970000 | AP SAK95 KRG/BL         | I.6  | 0607000000 | TW SAKS2 HP/DBR/2      | B.39 | 0687900000 | FM 4/TS35               | G.10 |
| 0526960055 | DEK 6 GW 55       | K.8  | 0550970000 | AP SAK95 KRG/BL         | I.6  | 0607000000 | TW SAKS2 HP/DBR/2      | B.45 | 0687900000 | FM 4/TS35               | H.15 |
| 0526960056 | DEK 6 GW 56       | K.8  | 0551100000 | VH 35/11/5.5 SAK95      | I.9  | 0608220000 | SAK 35N/35 KRG         | A.9  | 0688660000 | DEK 6 FW 1-5 (10X)      | K.8  |
| 0526960057 | DEK 6 GW 57       | K.8  | 0551100000 | VH 35/11/5.5 SAK95      | B.9  | 0608320000 | SAK 35N/35/IK KRG      | A.5  |            |                         |      |
| 0526960058 | DEK 6 GW 58       | K.8  | 0551100000 | VH 35/11/5.5 SAK95      | A.10 | 0608360000 | SAK 35N/35/IK          | A.5  |            |                         |      |
| 0526960059 | DEK 6 GW 59       | K.8  | 0551200000 | QL 2 SAKG28             | I.9  | 0608370000 | SAK 35N/35/IK KRG/BL   | A.9  |            |                         |      |
| 0526960060 | DEK 6 GW 60       | K.8  | 0551200000 | QL 2 SAKG28             | A.10 |            |                        |      |            |                         |      |
| 0526960061 | DEK 6 GW 61       | K.8  | 0551200000 | QL 2 SAKG28             | B.47 |            |                        |      |            |                         |      |
| 0526960062 | DEK 6 GW 62       | K.8  | 0551200000 | QL 2 SAKG28             | A.10 |            |                        |      |            |                         |      |
| 0526960063 | DEK 6 GW 63       | K.8  | 0553300000 | KOHUE ASK1              | B.9  |            |                        |      |            |                         |      |
| 0526960064 | DEK 6 GW 64       | K.8  | 0553400000 | MB M5/M3 SW             | A.23 | 0620120000 | MK 6/6                 | F.3  | 0692160000 | DK 4/32 RC 220R/220NF   | B.61 |
| 0526960065 | DEK 6 GW 65       | K.8  | 0555760000 | SAK 35N/IK              | H.15 | 0620220000 | MK 6/4                 | F.3  | 0697160000 | AKZ 2,5                 | E.2  |
| 0526960066 | DEK 6 GW 66       | K.9  | 0556660000 | SH 3                    | H.4  | 0620320000 | MK 6/3                 | F.3  |            |                         |      |

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| 1011440000       | PLOTTERPEN 0,7           | K.24 |
| 1011450000       | PLOTTER PEN 0.70 P-INK   | K.24 |
| 1011450000       | PLOTTER PEN 0.70 P-INK   | K.25 |
| <b>102000000</b> |                          |      |
| 1024050000       | PRINTJET PRO 115V        | K.22 |
| 1025680000       | DEK 5/30 MC SDR          | K.11 |
| 1027040000       | PJ PRO TINTK INK K       | K.22 |
| 1027050000       | PJ PRO TINTK INK C       | K.22 |
| 1027060000       | PJ PRO TINTK INK M       | K.22 |
| 1027070000       | PJ PRO TINTK INK Y       | K.22 |
| 1027080000       | PJ PRO TINTK FL          | K.22 |
| 1027090000       | PJ PRO TINTK INK SET BK  | K.22 |
| 1027110000       | PJ-PRO TINTK INK SET COL | K.22 |
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| 1050760000       | WGB 5 ABDG.M.GRUPPENBEZ  | K.18 |
| 1050960000       | WGB 8 ABDG.M.GRUPPENBEZ  | K.18 |
| 1053460000       | WAD 5 M. BL.             | K.18 |
| 1053560000       | WAD 8 M. BL.             | K.18 |
| 1055960000       | WAD 12 M. BL.            | K.18 |
| 1056060000       | WAD 5 NEUTRAL            | K.18 |
| 1056160000       | WAD 8 NEUTRAL            | K.18 |
| 1056260000       | WAD 12 NEUTRAL           | K.18 |
| 1058800000       | WTW EN                   | A.12 |
| 1058800000       | WTW EN                   | B.10 |
| 1058800000       | WTW EN                   | A.13 |
| 1058800000       | WTW EN                   | A.34 |
| 1058800000       | WTW EN                   | B.11 |
| 1058800000       | WTW EN                   | B.34 |
| 1059000000       | WEW 35/1                 | H.5  |
| <b>106000000</b> |                          |      |
| 1061200000       | WEW 35/2                 | H.13 |
| 1061200000       | WEW 35/2                 | H.5  |
| 1062860000       | WAD 27 M. BL.            | K.18 |
| 1062960000       | WAD 27 NEUTRAL           | K.18 |
| 1067600000       | WEW 32/1                 | H.13 |
| 1068700000       | WSH 1                    | G.6  |
| <b>107000000</b> |                          |      |
| 1071900000       | EW 15/2                  | H.13 |
| 1079900000       | WSH 4 MT                 | G.9  |
| <b>108000000</b> |                          |      |
| 1080100000       | WSH 5                    | G.6  |
| 1080200000       | WSH 6                    | G.6  |
| 1082400000       | BFEH 1/WSH               | G.7  |
| 1083100000       | WSH 18 MT                | G.7  |
| 1083200000       | WSH 19 MT                | G.7  |
| 1083900000       | SMSE WSH U1              | G.7  |
| <b>110000000</b> |                          |      |
| 1104700000       | SAKH 10 CUN/EP/WS        | D.7  |
| <b>111000000</b> |                          |      |
| 1111160000       | DK 4/35 GL 1D 11,0A      | A.52 |
| 1111320000       | SAKS 1/35 GD 20 24VAC    | A.24 |
| <b>116000000</b> |                          |      |
| 1166820000       | SAKT E/35 2LD 30VAC      | A.57 |
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| 1261300000       | ZB 10 F,10X3/10X5/10X10  | H.6  |
| 1266380000       | HP NT16/10X3             | A.31 |
| 1269060000       | SCHT 14/6                | K.18 |
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| 1272420000       | SAKT 4/35/LT O.STB       | A.33 |
| 1272520000       | SAKT 4/35/LT STB2.0      | A.33 |
| 1276300000       | FZS 2/4 RT/80 SAKT4      | L.14 |
| 1276960001       | DEK 8 FWZ 1-10           | K.9  |
| 1276960011       | DEK 8 FWZ 11-20          | K.9  |
| 1276960021       | DEK 8 FWZ 21-30          | K.9  |
| 1276960031       | DEK 8 FWZ 31-40          | K.9  |
| 1276960041       | DEK 8 FWZ 41-50          | K.9  |
| 1276960051       | DEK 8 FWZ 51-60          | K.9  |
| 1276960061       | DEK 8 FWZ 61-70          | K.9  |
| 1276960071       | DEK 8 FWZ 71-80          | K.9  |
| 1276960081       | DEK 8 FWZ 81-90          | K.9  |
| 1276960091       | DEK 8 FWZ 91-100         | K.9  |
| 1276960101       | DEK 8 FWZ 101-110        | K.9  |
| 1276960111       | DEK 8 FWZ 111-120        | K.9  |
| 1276960121       | DEK 8 FWZ 121-130        | K.9  |
| 1276960131       | DEK 8 FWZ 131-140        | K.9  |
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| 1277091689       | DEK 8 VI NEUTRAL        | K.9  |
| 1277091690       | DEK 8 OR NEUTRAL        | K.9  |
| 1278460000       | SCHT 9/4                | K.18 |
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| 1284060000       | DK 4Q/35/TC TYP J       | A.34 |
| 1284160000       | DK 4Q/35/TC TYP K       | A.34 |
| 1285660000       | DK 4Q/35/TC TYP T       | A.34 |
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| 1762320021        | DEK 5/3,5 MC FSZ 31-40   | K.8  | 1790080000        | AP 110 GR                 | I.6  | 1920650000        | PLOTTER PEN 0.35 P-INK   | K.24 | 7906090000        | BK 6/E                  | F.6  |
| 1762320031        | DEK 5/3,5 MC FSZ 41-50   | K.8  | 1792000000        | WS 10/5 MC Midd. Neutr.   | K.16 | 1920650000        | PLOTTER PEN 0.35 P-INK   | K.24 | 7906100000        | BK 12/E                 | F.6  |
| 1762320041        | DEK 5/3,5 MC FSZ 51-60   | K.8  | 1792000000        | WS 10/5 MC Midd. Neutr.   | K.14 | 1920650000        | PLOTTER PEN 0.35 P-INK   | K.25 | 7906110000        | MK 3/2/E                | F.6  |
| 1762320051        | DEK 5/3,5 MC FSZ 61-70   | K.8  | 1792000000        | WS 10/5 MC Midd. Neutr.   | K.17 | 1924310000        | MCP AP SF4-6             | K.24 | 7906120000        | MK 3/3/E                | F.6  |
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| 1762320071        | DEK 5/3,5 MC FSZ 81-90   | K.8  | 1797460000        | Tintenpatrone PrintJet    | K.22 | 1924330000        | P-CLEANER                | K.25 | 7906140000        | MK 3/5/E                | F.6  |
| 1762320081        | DEK 5/3,5 MC FSZ 91-100  | K.8  | 1799900000        | SAK 2.5/35 SW             | I.7  | 1924330000        | P-CLEANER                | K.24 | 7906150000        | MK 3/6/E                | F.6  |
| 1762320091        | DEK 5/3,5 MC FSZ 101-110 | K.8  | 1799910000        | SAK 2.5/35 RT             | I.7  | 1924340000        | P-INK                    | K.24 | 7906160000        | MK 3/7/E                | F.6  |
| 1762320101        | DEK 5/3,5 MC FSZ 111-120 | K.8  | 1799920000        | SAK 2.5/35 DBL            | I.7  | 1924340000        | P-INK                    | K.25 | 7906170000        | MK 3/8/E                | F.6  |
| 1762320111        | DEK 5/3,5 MC FSZ 121-130 | K.8  | <b>1800000000</b> |                           |      | 1924350000        | MCP COVER                | K.24 | 7906180000        | MK 3/9/E                | F.6  |
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| 1762320131        | DEK 5/3,5 MC FSZ 141-150 | K.8  | 1802690000        | TS 27X12.5M/ST/FZN        | G.11 | 1924370000        | MCP AP LABLES            | K.24 | 7906200000        | MK 3/11/E               | F.6  |
| 1762320141        | ADAPTER ALU STI-S        | K.25 | 1805480000        | BZT 2 WS 10/5             | K.16 | 1925000000        | MCP PLUS                 | K.23 | 7906210000        | MK 3/12/E               | F.6  |
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| 1762440000        | ADAPTER ALU STI-S        | K.24 | 1805520000        | BZT 1 ZA WS 10/5          | K.16 | 1927520000        | WS 12/5 PLUS SONDERDRUCK | K.14 | 7906230000        | MK 6/3/E                | F.7  |
| 1767090000        | SPEEDMARKING-LASER       | K.21 | 1805530000        | BZT 2 ZA WS 10/5          | K.16 | 1927530000        | WS 12/6 PLUS MC NEUTRAL  | K.14 | 7906240000        | MK 6/4/E                | F.7  |
| 1767730000        | DEK 5/3,5 MC bedruckt    | K.11 | 1805880000        | Snap Mark I               | K.16 | 1927540000        | WS 12/6 PLUS SONDERDRUCK | K.15 | 7906250000        | MK 6/5/E                | F.7  |
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| 1768090000        | WS 14/5 MC NEUTRAL       | K.14 | 1806120000        | EM 8/30                   | K.19 | 1935130000        | MCP EP                   | K.24 | 7917000000        | AP MAK2.5 DB            | I.6  |
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| 1768540000        | Plotterpen 0,25          | K.24 | 1806650000        | IS 3 KG                   | J.20 |                   |                          |      | <b>7920000000</b> |                         |      |
| 1768550000        | Plotterpen 0,35          | K.25 | 1806660000        | IS 4 KG                   | J.20 |                   |                          |      | 7920340000        | ZEW 15                  | H.13 |
| 1768550000        | Plotterpen 0,35          | K.24 | <b>1810000000</b> |                           |      | 1951870000        | WS 8/5 PLUS MC NEUTRAL   | K.14 | <b>8010000000</b> |                         |      |
| 1768560000        | Plotterpen 0,5           | K.25 | 1814660000        | ZF 4 S BL                 | H.7  | 1951880000        | WS 8/6 PLUS MC NEUTRAL   | K.14 | 8014720000        | DKT 4/35 PT100          | A.56 |
| 1768560000        | Plotterpen 0,5           | K.24 | 1814670000        | ZF 4 S GN                 | H.7  | 1951920000        | DEK 5/30 MC NEUTRAL      | K.18 | 8014730000        | DKT 4/32 PT100          | B.61 |
| 1768570000        | Plotterpen 0,18          | K.25 | 1814680000        | ZF 4 S                    | H.7  | 1951920000        | DEK 5/30 MC NEUTRAL      | K.11 | <b>8060000000</b> |                         |      |
| 1768570000        | Plotterpen 0,18          | K.24 | 1817780000        | SAK 4 BL RS-SET           | I.7  |                   |                          |      | 8068330000        | SAKS 1/35 G20 GL 115VAC | A.24 |
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| 1770490000        | DEK 5/7,5 MC SONDERDR.   | K.11 | 1818410000        | WS 10/6 MC Midd. Sonder   | K.15 | 2012790000        | SK E14 SAKS4 USA         | A.27 | 8146450000        | KDKS1/EN LD 24VDC       | C.7  |
| 1772120000        | Tinte 2000 25ml          | K.25 | <b>1820000000</b> |                           |      | 2076890000        | AP SAK4-10 GE            | I.6  | 8148910000        | KDKS1/EN LD 230VAC      | C.7  |
| 1772120000        | Tinte 2000 25ml          | K.24 | 1820200000        | AP SAKR BE RS-SET         | I.6  | 2076900000        | AP SAK16 GE              | I.6  | 8148920000        | KDKS1/EN LD 48 VAC      | C.7  |
| 1772130000        | Reiniger 2000 25ml       | K.24 | 1821480000        | SAK 2.5/35 GE             | I.7  | 2076910000        | AP SAK35/TW SAK16 GE     | I.6  | 8148930000        | KDKS1/EN LD 24 VAC      | C.7  |
| 1772130000        | Reiniger 2000 25ml       | K.25 | 1828450000        | WS 10/6 MC NEUTRAL        | K.9  | 2077060000        | AP AST3+4/35 GE          | I.6  | <b>8150000000</b> |                         |      |
| 1772810000        | SAK 6/EN OR              | I.7  | 1828460000        | WS 10/6 MC Sonderdruck    | K.15 | 2077070000        | AP AKZ4 GE               | I.6  | 8150150000        | SAKA 10/EN 2GL 24VUC    | C.8  |
| 1772820000        | SAK 6/EN GE              | I.7  | <b>1830000000</b> |                           |      | <b>2030000000</b> |                          |      | <b>8140000000</b> |                         |      |
| 1772830000        | SAK 10/EN OR             | I.7  | 1837380000        | TS 35X15/LL/5 2M/ST/ZN    | H.11 | 2038000000        |                          | F.6  | 8142840000        | KDKS1/EN LD 115VAC      | C.7  |
| 1773330001        | WS 12/5 FWZ 1-10         | K.9  | <b>1840000000</b> |                           |      | 2038000000        |                          | F.5  | 8146450000        | KDKS1/EN LD 24VDC       | C.7  |
| 1773330011        | WS 12/5 FWZ 11-20        | K.9  | 1848290000        | TS 35X15/2.3 2M/AL/BK     | H.11 | <b>2070000000</b> |                          |      | 8148910000        | KDKS1/EN LD 230VAC      | C.7  |
| 1773330021        | WS 12/5 FWZ 21-30        | K.9  | <b>1850000000</b> |                           |      | 2076890000        | AP SAK4-10 GE            | I.6  | 8148920000        | KDKS1/EN LD 48 VAC      | C.7  |
| 1773330031        | WS 12/5 FWZ 31-40        | K.9  | 1853950000        | SAK 4/EN GR 7042          | I.7  | 2076900000        | AP SAK16 GE              | I.6  | 8148930000        | KDKS1/EN LD 24 VAC      | C.7  |
| 1773330041        | WS 12/5 FWZ 41-50        | K.9  | 1853960000        | SAK 10/EN GR PAL 7042     | I.7  | 2077060000        | AP AST3+4/35 GE          | I.6  | <b>8150000000</b> |                         |      |
| 1773340000        | SAK 4/EN WS              | K.9  | 1853970000        | AP SAK4-10 GR 7042        | I.6  | 2077070000        | AP AKZ4 GE               | I.6  | 8630740000        | ZEW 35/2                | H.13 |
| 1773350000        | SAK 6/EN WS              | I.7  | 1854090000        | WS 10/15 MC Neutr.        | K.15 | <b>2090000000</b> |                          |      | <b>9000000000</b> |                         |      |
| 1773360000        | WS 8/5 Sonderdr. Laser   | K.9  | 1854100000        | WS 10/15 MC Sonderdruck   | K.15 | 2093550000        |                          | I.6  | 9002170000        | KT ZOV                  | J.3  |
| 1773370000        | WS 10/5 Sonderdr. Laser  | K.9  | 1854490000        | DEK 5/5 PLUS MC NEUTRAL   | K.11 | <b>2110000000</b> |                          |      | 9002650000        | KT 8                    | J.2  |
| 1773380000        | WS 12/5 Sonderdr. Laser  | K.9  | 1854500000        | DEK 5/5 PLUS MC SONDERDR. | K.11 | 2119490000        | AP 2 DSG1.5T             | I.6  | 9002660000        | KT 12                   | J.2  |
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| 1773430001        | WS 12/5 FSZ 1-10         | K.9  | 1856750000        | DEK 5/8 MC Sonderdruck    | K.11 | <b>3710000000</b> |                          |      | 9004060000        | H1,5/12                 | J.33 |
| 1773430011        | WS 12/5 FSZ 11-20        | K.9  | 1858440000        | SAK 2.5/EN SW             | I.7  | 3710000000        |                          | I.9  | 9004070000        | H1,5/18                 | J.33 |
| 1773430021        | WS 12/5 FSZ 21-30        | K.9  | 1858450000        | SAK 2.5/EN BR             | I.7  | <b>3720000000</b> |                          |      | 9004080000        | H2,5/10                 | J.33 |
| 1773430031        | WS 12/5 FSZ 31-40        | K.9  | 1858460000        | SAK 2.5/EN WS             | I.7  | 3720000000        |                          | I.9  | 9004090000        | H2,5/18                 | J.33 |
| 1773430041        | WS 12/5 FSZ 41-50        | K.9  | 1858920000        | Tintentank PrintJet II    | K.22 | <b>3830000000</b> |                          |      | 9004100000        | H4,0/15                 | J.33 |
| 1773521686        | WS 8/5 MC neutral RT     | K.14 | 1858950000        | CleanUnit PrintJet II     | K.22 | 3835020000        | PPT/35                   | D.9  | 9004110000        | H4,0/18                 | J.33 |
| 1773521687        | WS 8/5 MC neutral GE     | K.14 | <b>1860000000</b> |                           |      | 3835120000        | AP PPT/35                | I.6  | 9004120000        | H6,0/10                 | J.33 |
| 1773521690        | WS 8/5 MC neutral OR     | K.14 | 1866290000        | TS 35X15/6X25 2M/ST/ZN    | H.11 | 3835120000        | AP PPT/35                | D.9  | 9004130000        | H6,0/18                 | J.33 |
| 1773521693        | WS 8/5 MC neutral BL     | K.14 | 1866850000        | SAK 6/35 GN/GE            | I.7  | <b>3890000000</b> |                          |      | 9004140000        | H1,5/24D SW SV          | J.26 |
| 1773531686        | WS 10/5 MC neutral RT    | K.14 | <b>1900000000</b> |                           |      | 3896100000        | SP 15                    | G.9  | 9004140000        | H1,5/24D SW SV          | J.24 |
| 1773531687        | WS 10/5 MC neutral GE    | K.14 | 1905490000        | M-PRINT PRO               | K.26 | 3896200000        | SP 20                    | G.9  | 9004150000        | H16,0/25                | J.33 |
| 1773531693        | WS 10/5 MC neutral BL    | K.14 | 1905490000        | M-PRINT PRO               | K.24 | 3896300000        | SP 30                    | G.9  | 9004160000        | H16,0/32                | J.33 |
| 1773541686        | WS 12/5 MC neutral RT    | K.14 | 1905500000        | M-PRINT PRO ADVANCED      | K.26 | <b>4060000000</b> |                          |      | 9004170000        | H25,0/25                | J.33 |
| 1773541687        | WS 12/5 MC neutral BL    | K.14 | 1905950000        | WS 10/8 MC NEUTRAL        | K.15 | 4062150000        | PJ-Clean Unit            | K.22 | 9004180000        | H25,0/32                | J.33 |
| 1773541690        | WS 12/5 MC neutral OR    | K.14 | 1905970000        | WS 10/12 MC NEUTRAL       | K.15 | <b>4140000000</b> |                          |      | 9004190000        | H35,0/25                | J.33 |
| 1773541693        | WS 12/5 MC neutral BL    | K.14 | 1906000000        | WS 12/8 MC NEUTRAL        | K.15 | 4140450000        | AP SAKB/C/T BE           | I.6  | 9004200000        | H35,0/32                | J.33 |
| 1773551686        | WS 12/6 MC neutral RT    | K.14 | 1906010000        | WS 12/8 MC SONDERDRUCK    | K.15 | 4145220000        | AP RV                    | I.6  | 9004210000        | H35,0/32                | J.33 |
| 1773551687        | WS 12/6 MC neutral GE    | K.14 | 1906030000        | WS 10/8 MC SONDERDRUCK    | K.15 | <b>4170000000</b> |                          |      | 9004220000        | H50,0/32                | J.33 |
| 1773551689        | WS 12/6 MC neutral VI    | K.14 | 1906060000        | WS 10/12 MC SONDERDRUCK   | K.15 | 4173520000        | AP SAKB/C/T1 DB          | I.6  | 9004230000        | H70,0/25                | J.33 |
| 1773551690        | WS 12/6 MC neutral OR    | K.14 | 1907020000        | DK 4 Q/EN                 | C.5  | <b>6250000000</b> |                          |      | 9004240000        | H70,0/32                | J.33 |
| 1773551692        | WS 12/6 MC neutral BR    | K.14 | 1907030000        | DK 4 Q/EN BL              | C.4  | 6253140000        | SAK 2.5 AL BLUE (E)      | I.7  | 9004250000        | H95,0/25                | J.33 |
| 1773551693        | WS 12/6 MC neutral BL    | K.14 | 1907040000        | DK 4 Q/EN                 | C.4  | <b>7900000000</b> |                          |      | 9004260000        | H95,0/32                | J.33 |
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| 9130990000       | SAK 4/EN BR            | I.7  |                  |                      |      |
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| 9154860000       | AP OSC 4               | I.6  | 9918380000       | DMS MANUELL 2,0-8,0  | J.18 |
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| 9201940000       | SDI T8                 | J.14 | 9918400000       | DMSI MANUELL 2,0-8,0 | J.19 |
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| 9426770000       | H2,5/14TS GR           | J.32 | 9918520000       | WK S 0,4x2,5         | J.18 |
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| 9501350000       | QL 2 KST6              | B.54 | 9918610000       | WK K PZ1             | J.18 |
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| 9501360000       | QL 2 KST8              | B.55 |                  |                      |      |
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| 9502630000       | AP SAKK4/10 KER/WS     | I.6  |                  |                      |      |
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| 9502680000       | QL 10 SAKK 10          | D.3  |                  |                      |      |
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| 9503300000       | KDKS 1/32              | B.21 |                  |                      |      |
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| 9503330000       | AP KDKS1 1.5           | I.6  |                  |                      |      |
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| 9509420000       | QL 2 SAKK 4 TIN        | D.2  |                  |                      |      |
| 9509430000       | QL 3 SAKK 4 TIN        | D.2  |                  |                      |      |
| 9509440000       | QL 4 SAKK 4 TIN        | D.2  |                  |                      |      |
| 9509450000       | QL 10 SAKK 4 TIN       | D.2  |                  |                      |      |
| 9509460000       | VH 13.5 SAKK4          | D.2  |                  |                      |      |
| 9509470000       | QL 2 SAKK 10 TIN       | D.3  |                  |                      |      |
| 9509480000       | QL 3 SAKK 10 TIN       | D.3  |                  |                      |      |
| 9509490000       | QL 4 SAKK 10 TIN       | D.3  |                  |                      |      |
| 9509500000       | QL 10 SAKK 10 TIN      | D.3  |                  |                      |      |
| 9509510000       | VH 12.5 SAKK10         | D.3  |                  |                      |      |
| 9509570000       | KSKM 1/32 G20          | B.20 |                  |                      |      |
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| 9509630000       | AP KSKM                | I.6  |                  |                      |      |
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| 9528300000       | KST 5/35 M5X18         | A.48 |                  |                      |      |
| 9528320000       | KST 8/35 M8X30         | A.49 |                  |                      |      |
| 9528330000       | KST 10/35 M10X39       | A.49 |                  |                      |      |
| 9528340000       | KST 12/35 M12X37       | A.49 |                  |                      |      |
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| 9532470000       | AP KDKS1 1.5 DB        | I.6  |                  |                      |      |



# Addresses worldwide

- AE United Arab Emirates**  
Weidmüller Middle East FZE  
P.O. Box # 8591  
SAIF-Zone  
Sharjah – VAE  
Phone +971 6 5572723  
Fax +971 6 5672724  
wme.info@weidmueller.com
- AR Argentina**  
CPI SA  
Bauness 2660  
1431 Buenos Aires  
Phone +54 11 45238008  
compras@cpi.com.ar
- AT Austria**  
Weidmüller Ges.m.b.H.  
Industriezentrum Nö Süd  
Straße 2, Objekt M2  
2355 Wiener Neudorf  
Phone +43 2236 6708-0  
Fax +43 2236 6708-199  
office.at@weidmueller.com
- AU Australia**  
Weidmüller Pty. Ltd.  
43 Huntingwood Drive  
Huntingwood,  
NSW, 2148  
P.O.Box 6944  
Blacktown  
NSW, 2148  
Phone +61 2 9671-9999  
Fax +61 2 9671-9911  
info@weidmuller.com.au  
www.weidmuller.com.au
- AZ Azerbaijan**  
West Industries Ltd.  
Caspian Plaza, 5-th Floor  
44 J. Jabbarly Str., Baku  
Phone +99412 499 15 15  
Fax +99412 499 14 93  
sales@west-1.com
- BA Bosnia and Herzegovina**  
BH ES Elektrosistem d.o.o.  
ul. J. Veselinovica 18  
78000 Banja Luka  
Phone +387 51 317500  
Fax +387 51 317500  
elsist@inecco.net  
www.elektrosistem.co.yu
- BE Belgium**  
Weidmüller Benelux B.V.  
Mechelsesteenweg 519 bus 6 en 7  
1930 Nossegem  
Phone +32 (0)2 752 40 70  
Fax +32 (0)2 751 36 06  
info@weidmueller.be
- BG Bulgaria**  
Weid-Bul EOOD  
1113 Sofia  
33 A 'Nezabravka' Str.  
bl. 315/3/10  
Phone +359 2 9632560  
weidbul@nat.bg  
www.weidbul.com
- BH Bahrain**  
Khayber Trading Company  
P.O. Box 1976 Manama,  
Phone +973 17720747  
Fax +973 17720331  
khayber@batelco.com.bh
- BR Brazil**  
Conexel Conexoes Elétricas Ltda.  
Rua Garcia Lorca, 176- V. Paulicéia,  
09695-900, Sao Bernardo do  
Campo - SP  
Phone +55 11 43669600  
Fax +55 11 43621677  
vendas@conexel.com.br  
www.conexel.com.br
- BY Belarus**  
Technikon Ltd.  
Oktyabrskaya Str. 16/5  
Apt. 704, 220030, Minsk  
Phone +375 17 2104626  
Fax +375 17 2275830  
weidmueller@technikon.by
- CA Canada**  
W Interconnections Canada Inc.  
10 Spy Court, Markham,  
Ontario L3 R5 H6  
Phone +1 905 475-1507  
Fax +1 905 475-5855  
info1@weidmuller.ca  
www.weidmuller.ca
- CH Switzerland**  
Weidmüller Schweiz AG  
Rundbuckstrasse 2  
8212 Neuhausen am Rheinfall  
Phone +41 52 6740707  
Fax +41 52 6740708  
info@weidmueller.ch  
www.weidmueller.ch
- CL Chile**  
Felipe Bahamondes S.A./ATS AGRO  
Servicios Agroindustriales  
Maria Luisa Santander 0475  
Providencia  
Casilla 3425  
Santiago  
Phone +56 2 341-1271  
Fax +56 2 341-1275  
felipe@atsintech.com
- CN China**  
Weidmüller Interface International  
Trading (Shanghai) Co., Ltd.  
12 F, Century Ba-Shi Building,  
No. 398 Huaihai Road (N)  
Shanghai 200020  
P.R. China  
Phone +86 21 63868188  
Fax +86 21 63867177  
www.cnweidmuller.com
- CO Colombia**  
Automatizacion Avanzada S. A.  
Cr 97 # 24C-23 Bodega 4 Bogotá  
Phone +57 1 5478510  
Fax +57 1 4132285  
productos@  
automatizacionavanzada.com
- CR Costa Rica**  
ELVATRON S.A.  
400 Norte  
Banco Costa Rica, la Uruca,  
San José  
Phone +506 2 961060  
Fax +506 2 960328  
dirk.haase@elvatron.com
- CS Serbia**  
ES-YU Elektrosistem  
Pariske komune 41  
11070 Novi Beograd  
Phone +381 11 697212  
Fax +381 11 693608  
esyu@eunet.yu  
www.elektrosistem.co.yu
- CZ Czech**  
Weidmüller s. r. o.  
Videnska ul. 340  
25242 Vestec u Prahy  
Phone +420 2 44001400  
Fax +420 2 44001499  
office@weidmueller.cz
- DE Germany**  
Weidmüller GmbH & Co. KG  
Ohmstraße 9  
32758 Detmold  
Phone +49 5231 1428-0  
Fax +49 5231 1428-116  
weidmueller@weidmueller.de  
www.weidmueller.de
- DK Denmark**  
Knud Wexøe A/S  
Skaettekaeret 11  
P.O. Box 152  
2840 Holte  
Phone +45 45465800  
Fax +45 45465801  
wexoe@wexoe.dk
- EC Ecuador**  
Elsystec S.A.  
Vasco de Contreras N35-261  
y Mañosa  
Phone +593 2 2455698  
Fax +593 2 2245241  
info1@elsystec.com.ec  
elsystec@elsystec.com.ec
- EE Estonia**  
Alter Electric OÜ  
Gaasi 4a  
11415 Tallinn  
Phone +372 6519666  
Fax +372 6519667  
alter@alter.ee  
www.alter.ee
- EG Egypt**  
Standard Electric  
87, Mohamed Farid Street  
Heliopolis, Cairo  
Phone +20 6 42 29 77/ 6 42 29 88  
Fax +20 6 42 29 55  
stdelec@rite.com
- ES Spain**  
Weidmüller S. A.  
Narcis Monturiol 11-13  
Pol.Ind. Sudoeste  
08960 Sant Just Desvern  
Barcelona  
Phone +34 93 4803386  
Fax +34 93 3718055  
weidmuller@weidmuller.es  
www.weidmuller.es
- FI Finland**  
JUHA-ELEKTRO OY  
Kylvöpolku 6, P. O. Box 57  
00681 Helsinki  
Phone +358 10 8328 100  
Fax +358 10 8328 169
- FR France**  
Weidmüller EURL  
12, Chaussée Jules César  
B.P. 263 Osny  
95523 CERGY PONTOISE Cedex  
Phone +33 1 34245500  
Fax +33 1 34245501  
mail@weidmuller.fr  
www.weidmuller.fr
- GB Great Britain**  
Weidmüller Ltd.  
1 Abbey Wood Road  
Kings Hill, West Malling  
Kent ME19 4YT  
Phone +44 845 094 2006  
Fax +44 1732 874295  
sales@weidmuller.co.uk  
www.weidmuller.co.uk
- GR Greece**  
Electrorama S.A.  
Phone +30 2410 552533  
Fax +30 2410 283463  
weidmuller@electrorama.com.gr
- HK Hong Kong**  
United Equity Limited  
Suite B, 11/F International Industrial  
Centre  
2-8 Kwei Tei Street, Fotan, Shatin  
Phone +852 26876739  
Fax +852 26876735  
united\_equity@sinatown.com
- HR Croatia**  
Elektro Partner d.o.o.  
Radnicka cesta 22  
10000 Zagreb  
Phone +385 1 6184793  
Fax +385 1 6184795  
elektropartner@zg.htnet.hr
- HU Hungary**  
Weidmüller Kereskedelmi Kft  
Mádi u. 50  
1104 Budapest  
P. O. Box 22  
1507 Budapest  
Phone +36 1 464-7888  
Fax +36 1 3827701  
info@weidmueller.hu
- ID Indonesia**  
PT. NEGO ELECTRINDO  
Ruko Mega Grosir Cempaka Mas,  
Blok 1 No 20 – 22  
Jl. Let.Jend. Suprato –  
JAKARTA 10640  
Phone +62 21 42882255  
Fax +62 21 42882266  
sales@negoelectrindo.co.id
- IE Ireland**  
A.P. Haslam Ltd.  
14 Sunshine Ind. Estate  
Crumlin Road  
Dublin 12  
Phone +353 1 453-2522  
Fax +353 1 453-2949  
paul.haslam@aphaslam.ie
- IL Israel**  
A.U.Shay Ltd.  
23 Imber St. Petach-Tikva  
Phone +972 3 9233601  
Fax +972 3 9234601  
shay@uriel-shay.com  
www.uriel-shay.com
- IL Israel**  
ATEKA Ltd.  
23 Hayetzira St.  
Kiryat Aryeh  
49130 Petach-Tikva, Israel  
Phone +972 3 9392344  
Fax +972 3 9243273  
marketing@ateka.co.il  
www.ateka.co.il
- IN India**  
Weidmüller  
Representative office  
Vijay Dattani  
Mobile +91 98440 97366  
vdatani@eth.net
- IR Iran**  
TAF Co.  
72, Iranshahr Av.  
Unit 5,  
15816 Teheran  
Phone +98 21 8831-7851  
Fax +98 21 8882-0268  
info@taf-co.com
- IS Iceland**  
Samey Automation Center  
Lyngas 13, 210 Garoabaer,  
Phone +354 510 5200  
Fax +354 510 5201  
samey@samey.is
- IT Italy**  
Weidmüller S.r.l.  
Via Albert Einstein 4  
20092 Cinisello Balsamo  
Milano  
Phone +39 02 660681  
Fax +39 02 6124945  
weidmuller@weidmuller.it  
www.weidmuller.it
- JO Jordan**  
Trans Jordan for Electro  
Mechanic Supplies PLC.  
P.O.Box: 330607  
Amman 11133  
Phone +962 6 533 2020  
Fax +962 6 533 5800  
transjordan@batelco.jo
- JP Japan**  
Nihon Weidmüller Co. Ltd.  
Asahi Seimei Bldg. 11F  
1-14-1 Fuchicho Fuchu-shi  
Tokyo 183-0055  
Phone +81 42 330-7891  
Fax +81 42 330-7895  
www.weidmuller.co.jp
- KR Korea**  
Weidmüller Co., Ltd.  
6th floor, Seahwa building, 242-54  
Nonhyun-dong, Kangnam-Gu  
Seoul  
Zip: 135-830  
Phone +82 2 5160003  
Fax +82 2 5160090  
info@weidmuller.co.kr

- KW Kuwait**  
KANA CONTROLS General Trading & Cont. CO. W.L.L.  
A1 Rai Industrial Area,  
Plot 28-30, St. 31  
P.O.Box: 25593  
Safat, 13116 Kuwait  
Phone +965-474 1373/4  
Fax +965-474 1537  
info@kanacontrols.com
- KZ Kazakhstan**  
Please contact our Weidmüller branch office in Moscow, Russia
- LB Lebanon**  
PROGRESS ENGINEERING  
Beirut  
Phone +961 1 444664  
Fax +961 1 561880  
progress@inco.com.lb
- LT Lithuania**  
ELEKTROS IRANGA  
Tinklu g.29a, 5319 Panevezys,  
Phone +370 45582828  
Fax +370 45582727  
info@eliranga.lt
- LU Luxembourg**  
Weidmüller Benelux B.V.  
Phone +352 24 527145  
Fax +352 24 527147  
info@weidmuller.lu
- LV Latvia**  
PROFS Latvija SIA  
K. Ulmana gatve 10  
LV-1029 Rīga  
Phone +371 7870557  
Fax +371 7870541  
edgars.vilkins@profs.lv  
www.profs.lv
- MD Moldova**  
BERHORD A&D srl  
Off 414, b-dul Decebal, 3,  
Chisinau, RM  
Phone +373 22 507137  
Fax +373 22 507134  
atiuleanu@berhord.com
- MK Macedonia**  
ELEKTRO – SMK dooel  
UL. III Makedonska brigada b.b.  
1000 Skopje  
Phone +389 22 460 295  
Fax +389 22 460 298  
Elektro-smk@telekabel.net.mk
- MT Malta**  
Electrical Supplies & Services Ltd  
104 J. Soberras Str.  
Hamrun HMR 08  
Phone +356 21 255 777  
Fax +356 21 255 999  
robert@ess.com.mt
- MX Mexico**  
W Interconnections, S.A. de C.V.  
Blvd. Hermanos Serdán No. 698  
Col. San Rafael Oriente  
Puebla, Pue. C.P. 72029  
Phone +52 222 2686266 to 68 ext.101  
Fax +52 222 2686219  
clientes@weidmuller.com.mx  
www.weidmuller.com.mx
- MY Malaysia**  
Connect Plus Technology Sdn Bhd  
No. 43, Jalan PJS 11/22,  
Bandar Sunway, 46150 Petaling Jaya  
Selangor Darul Ehsan  
Phone +60 3 5633 7363  
Fax +60 3-5633 6562  
paul@cptech.com.my  
www.cptech.com.my
- NL Netherlands**  
Weidmüller Benelux B.V.  
Franciscusweg 221  
1216 SE Hilversum  
Postbus 1505  
1200 BM Hilversum  
Phone +31 35 6261261  
Fax +31 35 6234569  
info@weidmuller.nl  
www.weidmuller.nl
- NO Norway**  
Siv. Ing. J. F. Knudtzen A/S  
Billingsstadsletta 97  
1396 Billingsstad, P.O. Box 160  
1378 Nesbru  
Phone +47 66 983350  
Fax +47 66 980955  
patorgersbraaten@jfknudtzen.no
- NZ New Zealand**  
Cuthbert S. Steward Limited  
27 Te Puni Street  
POB 38496 Petone  
Petone, Wellington  
Phone +64 4 5686156  
Fax +64 4 5686056
- OM Oman**  
DAN INTERNATIONAL LLC.  
PO.BOX 2901  
111 Seeb  
Phone +968 503 677  
Fax +968 503 755  
yedu@danintl.com
- PE Peru**  
TECSOL S.A.C.  
Huandoy N° : 501, Lima 32  
Phone / Fax +51 1 562-0004  
info@tecsol-peru.com
- PH Philippines**  
Enclosure Systems Specialists Inc  
NW-15 La Fuerza Compound  
2241 Don Chino Roces Avenue  
Makati City 1231 Philippines  
Phone +63 2 813 8580  
sales\_encsys@pltdtdsl.net
- PK Pakistan**  
Kana Controls (Pak)  
Apartment No. 33 C III  
Chenab Block,  
Allama Iqbal Town  
Lahore  
Phone +92 42 5419948  
+92 42 7845160  
Fax +92 42 5422895  
nadeem@kanapak.com  
www.kanapak.com
- PL Poland**  
Weidmüller Sp. z o.o.  
ul. Golezdzinowska 10  
03-302 Warszawa, Poland  
Phone +48 22 5100940  
Fax +48 22 5100941  
biuro@weidmuller.com.pl  
www.weidmuller.pl
- PT Portugal**  
Weidmüller - Sistemas de Interface, S. A.  
Estrada Outeiro Polima, Lote B,  
N° B2, Escritório 2 - Abóboda  
2785-518 Sao Domingos de Rana  
Lisboa  
Phone +351 21 4459190  
Fax +351 21 4455871  
weidmuller@weidmuller.pt  
www.weidmuller.pt
- QA Qatar**  
Doha Motors (Technical Division)  
Post Box No. 145  
Al Wakrath Road  
Doha  
Phone +974 465 1441  
Fax +974 465 4579  
dmtctech@qatar.net.qa
- RO Romania**  
Rominterface Impex SRL  
Phone +40 21 3220230  
office@rominterface.ro
- RU Russia**  
Weidmüller Representative Office  
Shabolovka street 2  
119049 Moskau, Russia  
Phone +7 095 771-6940  
Fax +7 095 771-6941  
info@weidmueller.ru  
www.weidmueller.ru
- SA Saudi Arabia**  
Al Abdulkarim Holding Co.  
P.O. Box. 4  
Dammam 31411  
Phone +9668337110 Ext.168  
salehsk@akh.com.sa
- SESCO P.O. Box 3298  
Al Khobar 31952  
Phone +966 3 882 9546  
Fax +966 3 882 9547  
Customer.Service@sesco-gex.com  
www.sesco-gex.com
- SE Sweden**  
Weidmüller AB  
Axel Danielssons väg 271  
P.O. box 31025  
200 49 Malmö  
Phone +46 (0) 7 71 43 00 44  
Fax +46 (0) 40 37 48 60  
www.weidmuller.se  
info@weidmuller.se
- SG Singapore**  
Weidmüller Pte Ltd  
70 Bendemeer Road  
#04-03 Luzerne  
Singapore 339940  
Phone +65 6841 5311  
Fax +65 6841 5377  
info@weidmuller.com.sg  
www.weidmuller.com.sg
- SI Slovenia**  
Elektrospoji d.o.o.  
Stegne 27, 1000 Ljubljana  
Phone +386 15113810  
Fax +386 15111604  
elektrospoji@siol.net  
www.elektrospoji.si
- SK Slovakia**  
Elektris s.r.o.  
Racianska 188  
SK 831 53 Bratislava  
Phone +421 2 4920 0111  
bratislava@elektris.sk
- TH Thailand**  
Pisanu Engineering Co., Ltd  
800/2 Asoke Dindaeng Road,  
Dindaeng, Bangkok 10400  
Phone +66 2 245 9113  
Fax +66 2 2463214  
pisanu@kanit.co.th  
www.pisanu.co.th
- TN Tunisia**  
FAZE Services  
Rue du Lac Turkana –  
Immeuble Nour El Bouhaira  
1053 Les Berges du Lac – Tunis  
Tunisia  
Phone +216 71 964-266  
Fax +216 71 964-265  
contact.fazeservices@faze.com.tn  
www.groupefaze.com
- TR Turkey**  
Weidmüller Elektronik Ticaret Ltd.Şti.  
Kavacik Mah. Mh.rahad Cad. 143/1  
34810 Beykoz – Istanbul / Turkey  
Phone +90 216 5371070 (Pbx)  
Fax +90 216 5371077  
info@weidmuller.com.tr
- TW Taiwan**  
Fittatek Co., Ltd.  
12F No. 185 Fu-Kuo Road,  
Tso Ying Dist  
Kaohsiung  
Phone +886 7 556 0858  
Fax +886 7 556 3279  
stanley@fittatek.com.tw
- TW Taiwan**  
Eucan Enterprise Ltd.  
No. 145 He Ping 2nd Rd  
Kaohsiung  
Phone +886 7 715 6610  
Fax +886 7 715 8748  
mark@eucan.com.tw  
www.eucan.com.tw
- UA Ukraine**  
TEKO INTERFACE ooo  
ul. Lewanewskogo 6  
03058 Kiev  
Phone +38 044 401 09 90/91/92  
Fax +38 044 401 08 64  
weidmueller@tekointerface.com  
www.tekointerface.com.ua
- US United States**  
W-Interconnections, Inc.  
821 Southlake Boulevard,  
Richmond, VA 23236  
Phone +1 804 7942877  
Fax +1 804 3792593  
info@weidmuller.com  
www.weidmuller.com
- UY Uruguay**  
Rewo Uruguay S.A  
Av. Bolivia 2001 esq Rocafuerte  
Phone / Fax +598 260 48522  
rewo@rewo Uruguay.com.uy  
www.rewo Uruguay.com.uy
- UZ Uzbekistan**  
OOO "Elektro Potential"  
Gani Mavijanova str., 2B  
100084 Tashkent  
Phone +998 98-3003821  
Fax +998 71-1249286  
mz1958@yandex.ru
- VE Venezuela**  
Somercina C.A.  
3era transversal de Los Dos caminos,  
Ota Corazon de Jesús. 4ta de  
Montecristo. Caracas  
Phone +58 212 2352748  
Fax +58 212 2399341  
klocmoeller@cantv.net
- VN Viet Nam**  
AUMI Co., Ltd  
E1, La Thanh Hotel,  
218 Doi Can Street,  
Lieu Giai Ward, Ba Dinh District,  
Hanoi City, S.R.  
Phone +84 4762 8601  
Fax +84 4266 1391  
aumi@aumi.com.vn
- Linh Kim Hai Co., Ltd  
78 Hoa Cuc Street Ward 7,  
Phu Thuan District,  
Ho Chi Minh City  
Phone +84 8517 1717  
Fax +84 8517 1818  
lkh@linhkimhai.com.vn
- New Sky Co.,  
Ltd44/28 Tan Hai Street,  
Ward 13, Tan Binh District,  
Ho Chi Minh City  
Phone +84 8812 6593  
Fax +84 8812 6594  
newsky-e@hcm.vnn.vn  
www.newsky-e.com
- ZA South Africa**  
Phambili Interface (Pty) Ltd  
Phone +27 11 452 1930  
Fax +27 11 452 6455  
sales@weidmuller.co.za  
www.weidmuller.co.za
- DE Other countries**  
Weidmüller Interface GmbH & Co. KG  
Postfach 3030  
32720 Detmold  
Klingenbergstraße 16  
32758 Detmold  
Phone +49 5231 14-0  
Fax +49 5231 14-20 83  
info@weidmueller.com  
www.weidmueller.com

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