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The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm² to 300 mm². The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

General ordering data

| | |
|------------|--|
| Version | Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 16 mm ² , Threaded stud connection |
| Order No. | 1319040000 |
| Type | WF 5/32 |
| GTIN (EAN) | 4050118320084 |
| Qty. | 25 ST |

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 61 mm | Depth (inches) | 2.4016 inch |
| Height | 67 mm | Height (inches) | 2.6378 inch |
| Width | 13 mm | Width (inches) | 0.5118 inch |
| Net weight | 19.15 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -5 °C...40 °C |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------------|-----------------------|-----------------------------------|-------|
| Version | Single-stud terminals | End cover plate required | No |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 1 | Levels cross-connected internally | No |
| PE connection | No | Rail | TS 32 |

Additional technical data

| | | | |
|--------------------------|----|------------------|---------|
| Explosion-tested version | No | Type of mounting | Snap-on |
|--------------------------|----|------------------|---------|

Conductors for clamping (rated connection)

| | | | |
|--|--------------------------|--|---------------------------|
| Cable lug to DIN 46234 | 0.1...16 mm ² | Cable lug to DIN 46235 | 6...10 mm ² |
| Wire connection cross section AWG, max. | AWG 4 | Connection direction | on side |
| Tightening torque, max. | 4 Nm | Tightening torque, min. | 2 Nm |
| Type of connection | Threaded stud connection | Number of connections | 1 |
| Clamping range, max. | 16 mm ² | Clamping range, min. | 0.1 mm ² |
| Wire connection cross section AWG, min. | AWG 27 | Wire connection cross section, finely stranded, max. | 16 mm ² |
| Wire connection cross section, finely stranded, min. | 0.1 mm ² | Connection cross-section, stranded, max. | 16 mm ² |
| Connection cross-section, stranded, min. | 0.1 mm ² | Stud size for spade connection | M 5 |
| Wire connection cross-section, solid core, max. | 16 mm ² | Wire connection cross-section, solid core, min. | 6 mm ² |
| 2 x cable lugs DIN 46 235 | 6...10 mm ² | 2 x cable lugs DIN 46 234 | 0.1 to 16 mm ² |

WF 5/32

Weidmüller Interface GmbH & Co. KG

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Germany

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Technical data

General

| | | | |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 4 | Wire connection cross section AWG, min. | AWG 27 |
| Standards | IEC 60947-7-1 | Rail | TS 32 |

Rating data

| | | | |
|--|--------------------|---------------------------------|---------------|
| Rated cross-section | 16 mm ² | Rated voltage | 1000 V |
| Rated DC voltage | 1000 V | Rated current | 76 A |
| Current at maximum wires | 76 A | Standards | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 0.42 mΩ | Rated impulse withstand voltage | 8 kV |
| Power loss in accordance with IEC 60947-7-x | 2.43 W | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ETIM 10.0 | EC000897 | ECLASS 9.0 | 27-14-11-20 |
| ECLASS 9.1 | 27-14-11-20 | ECLASS 10.0 | 27-14-11-20 |
| ECLASS 11.0 | 27-14-11-20 | ECLASS 12.0 | 27-14-11-20 |
| ECLASS 13.0 | 27-25-01-01 | ECLASS 14.0 | 27-25-01-01 |
| ECLASS 15.0 | 27-25-01-01 | | |

Drawings



WF 5/32

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Accessories

Standard



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | WQL 2 WF5 | Version |
| Order No. | 1812710000 | Bolt-type screw terminals, Cross-connector, Number of poles: 2 |
| GTIN (EAN) | 4032248404568 | |
| Qty. | 5 ST | |
| Type | WQL 3 WF5 | Version |
| Order No. | 1812740000 | Bolt-type screw terminals, Cross-connector, Number of poles: 3 |
| GTIN (EAN) | 4032248404551 | |
| Qty. | 5 ST | |

WF / WFF-Series



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | WTW WF6-WF12 | Version |
| Order No. | 1781240000 | Bolt-type screw terminals, Partition plate, dark beige, 2.5 mm |
| GTIN (EAN) | 4032248241156 | |
| Qty. | 20 ST | |
| Type | WTW WF6 2300 | Version |
| Order No. | 1781230000 | Bolt-type screw terminals, Partition plate, grey, 2 mm |
| GTIN (EAN) | 4032248241125 | |
| Qty. | 20 ST | |

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Accessories

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | WEW 35/2 | Version | |
| Order No. | 1061200000 | End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C | |
| GTIN (EAN) | 4008190030230 | | |
| Qty. | 50 ST | | |

Cover profiles



Cover profiles provide protection against external impact on functional areas of the terminal blocks or in combination with our support brackets for the entire terminal strip. They provide protection against electric shock caused by accidental contact with live parts due to operation or faults.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | ADP WF6/WF8 | Version | |
| Order No. | 1780930000 | Bolt-type screw terminals, Cover profile, Transparent, 1000 mm | |
| GTIN (EAN) | 4032248241248 | | |
| Qty. | 1 M | | |
| Type | HA ADP WF6/WF10 | Version | |
| Order No. | 1781050000 | Bolt-type screw terminals, Cover profile, dark beige, 2.2 mm | |
| GTIN (EAN) | 4032248241231 | | |
| Qty. | 10 ST | | |

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

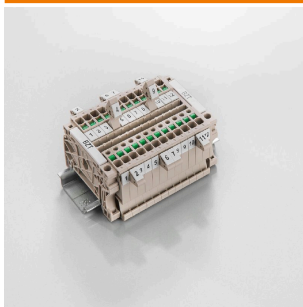
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
 - Strips for fast installation
 - Terminal markers, suitable for all Weidmüller cable connectors
 - Available as blank MultiCard or with standard printing
- For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | DEK 5/6 MC NE WS | Version |
| Order No. | 1609820000 | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 |
| GTIN (EAN) | 4008190203436 | Weidmueller, white |
| Qty. | 1000 ST | |
| Type | WS 15/5 MC NE WS | Version |
| Order No. | 1609880000 | WS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, |
| GTIN (EAN) | 4008190203504 | Allen-Bradley, white |
| Qty. | 480 ST | |

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

| | | |
|------------|----------------------------|----------------------------|
| Type | BZT 1 WS 10/5 | Version |
| Order No. | 1805490000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231 | |
| Qty. | 100 ST | |
| Type | BZT 1 ZA WS 10/5 | Version |
| Order No. | 1805520000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248 | |
| Qty. | 100 ST | |

DEK 5/6



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

| | | | |
|------------|----------------------------|---------|--|
| Type | DEK 5/6 MM WS | Version | |
| Order No. | 2007120000 | | Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white |
| GTIN (EAN) | 4050118392104 | | |
| Qty. | 600 ST | | |