

Terminals / Tension clamp connection

Terminals / Z-Series

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Overview

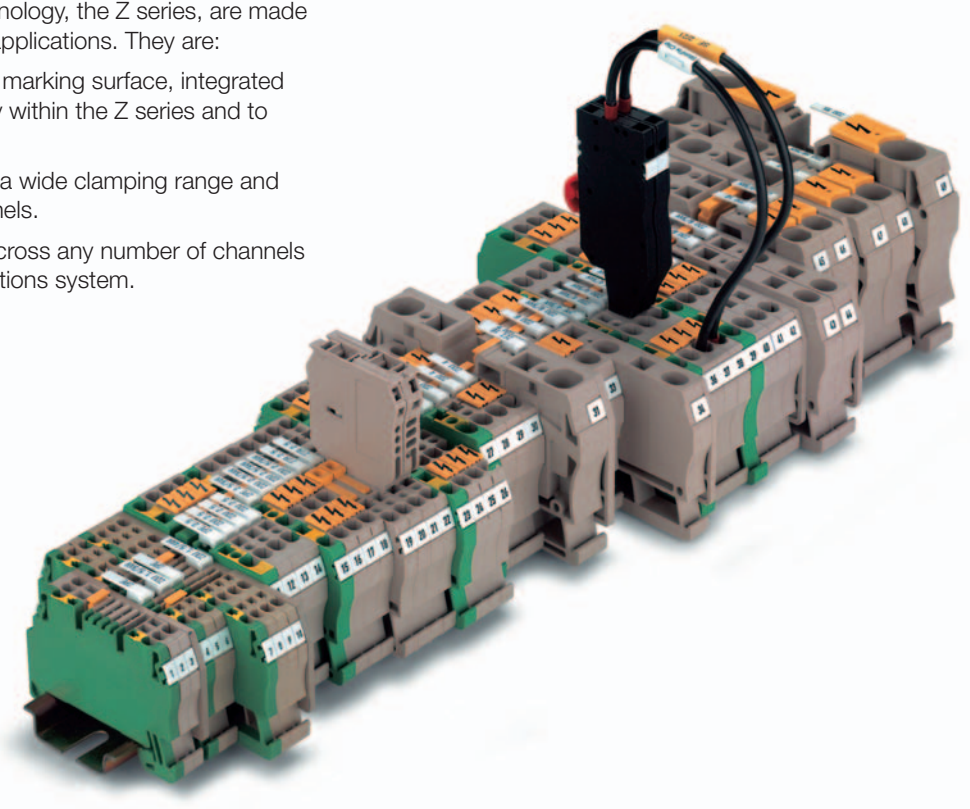
Tension clamp connection

Terminals with tension clamp technology, the Z series, are made to suit a wide range of customer applications. They are:

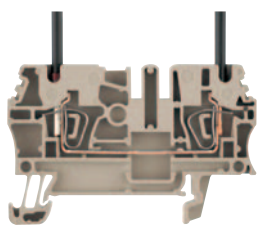
Small structural dimensions, large marking surface, integrated test point, cross-connection ability within the Z series and to other Weidmüller terminal families.

The terminals in the Z series have a wide clamping range and up to two cross-connection channels.

The potential can be distributed across any number of channels using the pluggable cross-connections system.

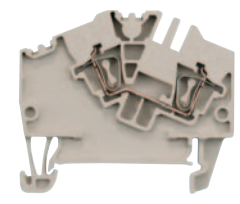


Design



Z-standard

- Conductor cross-sectional areas ranging from 0.08 to 35 mm²
- Top-entry conductor entry parallel to screwdriver actuation



Z roof

- Conductor cross-sectional areas ranging from 0.13 to 16 mm²
- Up to 36% reduction in length
- Slanting actuation direction


Product overview

Rated cross-section	1.5 mm ²		2.5 mm ²		4 mm ²		6 mm ²		10 mm ²		16 mm ²		35 mm ²	
	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof
Feed-through terminals														
2 connections	•		•	•	•	•	•	•	•		•	•		•
3 connections	•		•	•	•	•	•	•	•		•			
4 connections	•		•	•	•	•								
2 x 2 connections	•		•											
Protective earth terminals														
2 connections	•		•	•	•	•	•	•	•		•	•		•
3 connections	•		•	•	•	•	•	•	•		•			
4 connections	•		•	•	•	•								
Fuse terminal			•	•				•						
Measuring and isolating terminal			•	•			•							
Supply terminal							•				•	•		
Neutral conductor terminal				•	•	•	•	•	•	•	•	•		•
Double level terminal	•		•	•	•	•	•							
3-core distribution terminals				•										
Pluggable terminals				•										
Miniature block terminals				•										
Initiator/actuator terminals				•										
Terminals with electronic components			•	•										

The connection


In accordance with Weidmüller's contact principle, the tension clamp system also separates electrical and mechanical functions.

- Steel tension clamp provides optimum contact force
- Copper busbars for low-voltage loss



Pluggable cross-connections

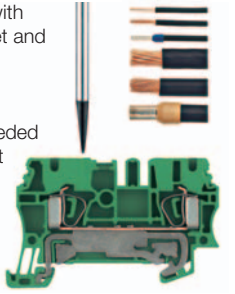
- 2- to 10-pole or "continuous" for individual assembly
- Full rated current
- Poles can be broken out in order to bypass terminals



Simple to use

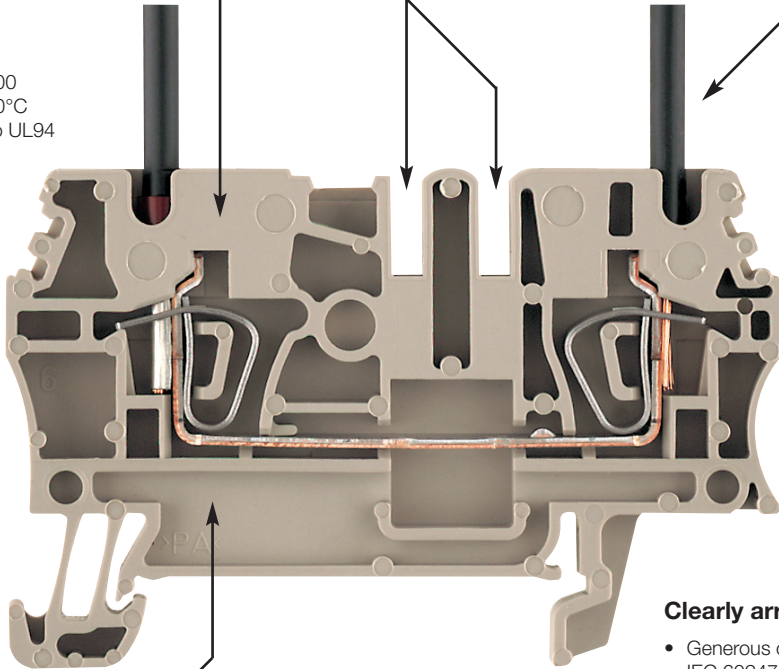
Practical connection with parallel conductor inset and screwdriver actuation:

- TOP connection technology
- No special tools needed
- Integrated test point



Wemid insulation

- Resistant to creepage CTI 600
- Temperature range up to 120°C
- Flammability class V0 acc. to UL94
- Contains no halogen or phosphorous



Clearly arranged for greater safety

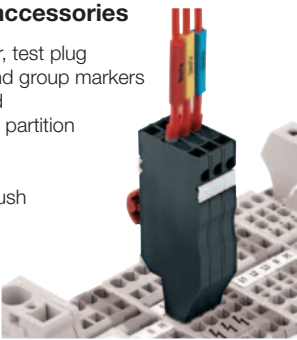
- Generous clamping space acc. to IEC 60947-1 for easy handling
- Can be used for connecting conductors from 0.08 to 35 mm²
- One conductor can be clamped in each terminal point acc. to IEC 60999

Safe contacts

- Maintenance-free connection for lifelong safe contact
- Gas-proof contact area
- Surface-treated busbar for protection from oxidation
- 100% vibration proof
- High contact force

Extensive accessories


- Test adapter, test plug
- Standard and group markers can be used
- End plates / partition plates
- Covers
- Reducing bush



Standards

The high contact safety and reliability of Weidmüller's systems is verified by:

- Type testing to IEC 60947-7-1/-2/-3 standards
- Supplementary Weidmüller tests
- National and international approvals
- ATEX approval



Feed-through terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Information

Accessories

Cross-connection, pluggable



(ZQV)

2-pole	
3-pole	
4-pole	
10-pole	
30-/41-/50-pole	

End plate / partition

	dark beige Wemid
	blue Wemid

End bracket

	dark beige Wemid
--	------------------

Test adapter

for testing of wired terminal strips	Standard version
	With spigot

Screwdriver



	w. cutting device "swifty set"
	Standard version

Reducing sleeves

	for conductors < 0.5mm / AWG 20
	for conductors < 1.0mm / AWG 18

Cover



	With elec. shock warn. symbol
	neutral

Marking systems (see large assortment in chapter M)

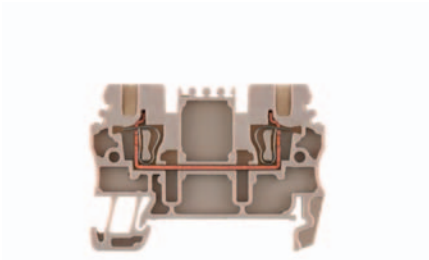
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDU 1.5

1.5 mm²

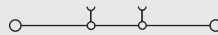
Two connections



3.5 x 51.5 x 37

17.5 / 1.5

0.08 ... 1.5



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	550
17.5	15	20	15
1.5	AWG 26 ...14	AWG 26...14	1.5
6 / 3			
B1 / V-0			



KEMA 01ATEX2106 U

Rated connection

0.5...1.5

Additional connection

0.5...1.5 / 0.5...1.5

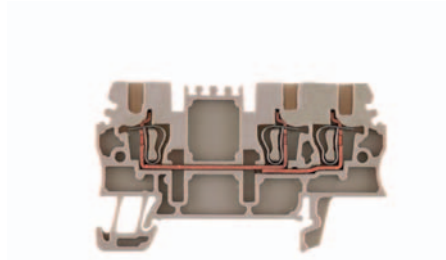
10 / 0.4 x 20

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

ZDU 1.5/3 AN

1.5 mm²

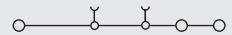
Three connections



3.5 x 63.5 x 37

17.5 / 1.5

0.08 ... 1.5



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	550
17.5	15	20	15
1.5	AWG 26 ...14	AWG 26...14	1.5
6 / 3			
B1 / V-0			



KEMA 01ATEX2106 U

Rated connection

0.5...1.5

Additional connection

0.5...1.5 / 0.5...1.5

10 / 0.4 x 20

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDU 1.5	100	1775480000
ZDU 1.5 BL	100	1775490000

Type	Qty.	Order No.
ZDU 1.5/3AN	100	1775530000
ZDU 1.5/3AN BL	100	1775540000

Type	Current [A]	Qty.	Order No.
ZQV 1.5/2	17.5	60	1776120000
ZQV 1.5/3	17.5	60	1776130000
ZQV 1.5/4	17.5	60	1776140000
ZQV 1.5/10	17.5	20	1776200000

Type	Current [A]	Qty.	Order No.
ZQV 1.5/2	17.5	60	1776120000
ZQV 1.5/3	17.5	60	1776130000
ZQV 1.5/4	17.5	60	1776140000
ZQV 1.5/10	17.5	20	1776200000

Width [mm]			
ZAP/TW ZDU1.5/2AN	3.5	20	1776030000
ZAP/TW 1.5/2BL	3.5	20	1776040000

Width [mm]			
ZAP/TW ZDU1.5/3AN	3.5	20	1776060000
ZAP/TW ZDU1.5/3AN BL	3.5	20	1776070000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

SD 0,4x2,0x60	10	9037160000
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SD 0,4x2,0x60	10	9037160000
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ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

ZAD 7/4	20	1781940000
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ZAD 7/4	20	1781940000
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DEK 5/3,5 / WS 12/3,5

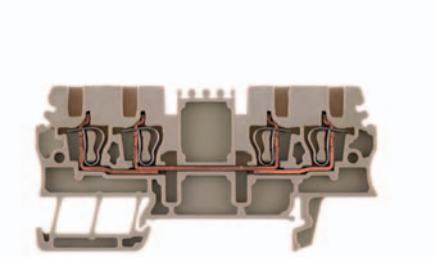
DEK 5/3,5 / WS 12/3,5

Feed-through terminals

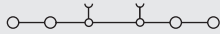
ZDU 1.5/4 AN

1.5 mm²

Four connections



3.5 x 75.5 x 37
17.5 / 1.5
0.08 ... 1.5



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	550
17.5	15	20	15
1.5	AWG 26 ...14	AWG 26...14	1.5
6 / 3			
B1 / V-0			



KEMA 01ATEX2106 U

Rated connection	Additional connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	

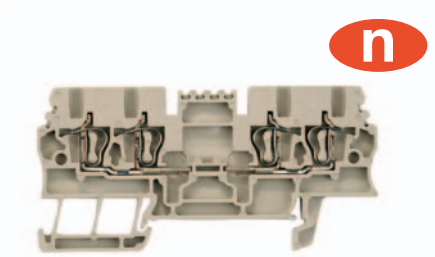
10 / 0.4 x 20

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

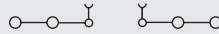
ZDU 1.5 2x2AN

1.5 mm²

2 x 2 connections



3.5 x 75.5 x 37
/ 1.5
0.08 ... 1.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
500	300	300	
17.5	15	20	
1.5	AWG 26 ...14	AWG 26...14	
6 / 3			
B1 / V-0			



Rated connection	Additional connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	

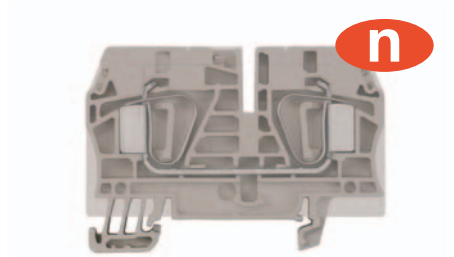
10 / 0.4 x 20

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

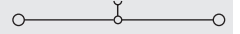
ZEI 6

6 mm²

Power distribution terminal



10 x 65 x 45.5
/ 10
0.5 ... 10



IEC 60947-7-1

IEC	UL	CSA	EN 50019
500			
41			
6			
8 / 4			
A5 / V-0			



Rated connection	Additional connection
0.5...10	
0.5...10 / 0.5...6	

13 / 5.5 x 1.0

Rated voltage is reduced to 400V resp. the rated voltage of the distribution terminals.

Type	Qty.	Order No.
ZDU 1.5/4AN	100	1775580000
ZDU 1.5/4AN BL	100	1775600000

Type	Qty.	Order No.
ZDU 1.5 2X2AN	100	1826970000
ZDU 1.5 2X2AN BL	100	1826990000

Type	Qty.	Order No.
ZEI 6	20	1791190000

End plate is integrated.

Type	Current [A]	Qty.	Order No.
ZQV 1.5/2	17.5	60	1776120000
ZQV 1.5/3	17.5	60	1776130000
ZQV 1.5/4	17.5	60	1776140000
ZQV 1.5/10	17.5	20	1776200000

Type	Current [A]	Qty.	Order No.
ZQV 1.5/2	17.5	60	1776120000
ZQV 1.5/3	17.5	60	1776130000
ZQV 1.5/4	17.5	60	1776140000
ZQV 1.5/10	17.5	20	1776200000

Type	Current [A]	Qty.	Order No.
ZQV 1.5/2	17.5	60	1776120000
ZQV 1.5/3	17.5	60	1776130000
ZQV 1.5/4	17.5	60	1776140000
ZQV 1.5/10	17.5	20	1776200000

Width [mm]			
ZAP/TW ZDU1.5/4AN	3.5	20	1776090000
ZAP/TW ZDU1.5/4AN BL	3.5	20	1776100000

Width [mm]			
ZAP/TW ZDU1.5/4AN	3.5	20	1776090000
ZAP/TW ZDU1.5/4AN BL	3.5	20	1776100000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

ZTA 3 ZDU6	25	1654050000
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SD 0,4x2,0x60	10	9037160000
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SD 0,4x2,0x60	10	9037160000
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SD 0,8X4,0X100	10	9008340000
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ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

ZAD 3/4 GE	20	1609120000
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ZAD 7/4	20	1781940000
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ZAD 7/4	20	1781940000
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DEK 5/3,5 / WS 12/3,5

DEK 5/3,5 / WS 12/3,5

DEK 8 / WS 12/6

The pluggable cross-connections ZQV 1,5/... can be used.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Feed-through terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data




Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	
Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Information	

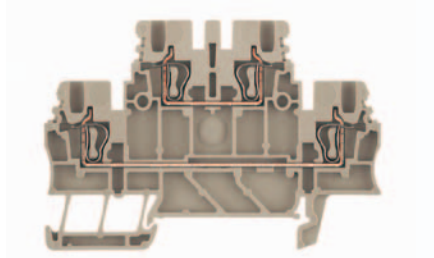
Accessories

Cross-connection, pluggable	
	(ZQV)
	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole
End plate / partition	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
for testing of wired terminal strips	Standard version
	With spigot
Screwdriver	
	w. cutting device "swifty set"
	Standard version
Reducing sleeves	
	for conductors < 0.5mm / AWG 20
	for conductors < 1.0mm / AWG 18
Cover	
	With elec. shock warn. symbol neutral
Marking systems (see large assortment in chapter M)	
	Tags
For detailed information on additional accessories and usage instructions see chapter accessories.	

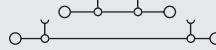
ZDK 1.5

1.5 mm²

2-tier terminal



3.5 x 75.5 x 50
/ 1.5
0.08 ... 1.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
500	300	300	
17.5	10	10	
1.5	AWG 28 ...16	AWG 28...16	
		6 / 3	
		B1 / V-0	



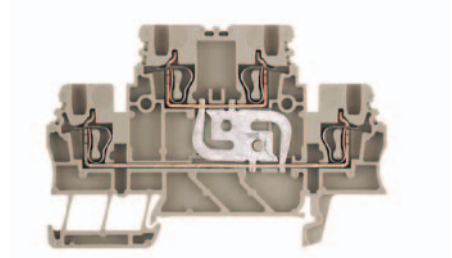
Rated connection	Additional connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
	10 / 0.4 x 20

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

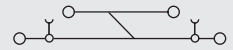
ZDK 1.5V

1.5 mm²

Vertically cross-connected 2-tier terminal



3.5 x 75.5 x 50
/ 1.5
0.08 ... 1.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
500	300	300	
17.5	10	10	
1.5	AWG 28 ...16	AWG 28...16	
		6 / 3	
		B1 / V-0	



Rated connection	Additional connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
	10 / 0.4 x 20

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDK 1.5	100	1791100000
ZDK 1.5 BL	100	1791110000
Information		

Type	Qty.	Order No.
ZDK 1.5V	100	1791130000
ZDK 1.5V BL	100	1791140000
Information		

Type	Current [A]	Qty.	Order No.
ZQV 1.5/2	17.5	60	1776120000
ZQV 1.5/3	17.5	60	1776130000
ZQV 1.5/4	17.5	60	1776140000
ZQV 1.5/10	17.5	20	1776200000

Type	Current [A]	Qty.	Order No.
ZQV 1.5/2	17.5	60	1776120000
ZQV 1.5/3	17.5	60	1776130000
ZQV 1.5/4	17.5	60	1776140000
ZQV 1.5/10	17.5	20	1776200000

Width [mm]			
ZAP/TW ZDK1.5	2	20	1791160000
ZAP/TW ZDK1.5 BL	2	20	1791170000

Width [mm]			
ZAP/TW ZDK1.5	2	20	1791160000
ZAP/TW ZDK1.5 BL	2	20	1791170000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000
Information		

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000
Information		

SD 0,4x2,0x60	10	9037160000
Information		

SD 0,4x2,0x60	10	9037160000
Information		

ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000
Information		

ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000
Information		

ZAD 7/4	20	1781940000
Information		

ZAD 7/4	20	1781940000
Information		

DEK 5 / WS 10/3,5		
Information		

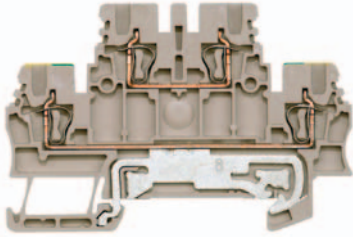
DEK 5 / WS 10/3,5		
Information		

Feed-through terminals

ZDK 1.5 DU-PE

1.5 mm²

2-tier terminal (DU - PE)



3.5 x 75.5 x 50
/ 1.5
0.08 ... 1.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 50019
500	300	300	
17.5	10	10	
1.5	AWG 28 ...16	AWG 28...16	
6 / 3			
B1 / V-0			



Rated connection **Additional connection**

0.5...1.5
0.5...1.5 / 0.5...1.5

10 / 0.4 x 20

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

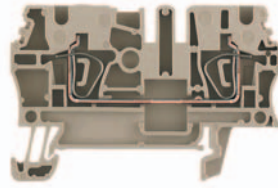
Type	Qty.	Order No.
ZDK 1.5DU-PE	100	1791120000

Upper level: Feed-through terminal
Lower level: PE terminal

ZDU 2.5

2.5 mm²

Two connections



5.1 x 59.5 x 39.5
31 / 4
0.08 ... 4



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	25	27	21
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A3 / V-0			



KEMA 97ATEX2521 U

Rated connection **Additional connection**

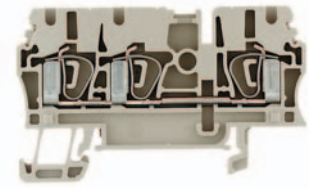
0.5...4
0.5...4 / 0.5...2.5

10 / 3.5 x 0.6

ZDU 2.5/3AN

2.5 mm²

Three connections



5.1 x 64.5 x 39.5
31 / 4
0.13 ... 4



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	25	23	21
2.5	AWG 26 ...12	AWG 26...14	2.5
8 / 3			
A3 / V-0			



KEMA 97ATEX2521 U

Rated connection **Additional connection**

0.5...4
0.5...4 / 0.5...2.5

10 / 3.5 x 0.6

Type	Current [A]	Qty.	Order No.
ZQV 1.5/2	17.5	60	1776120000
ZQV 1.5/3	17.5	60	1776130000
ZQV 1.5/4	17.5	60	1776140000
ZQV 1.5/10	17.5	20	1776200000

Width [mm]			
ZAP/TW ZDK1.5	2	20	1791160000
ZAP/TW ZDK1.5 BL	2	20	1791170000

Width [mm]			
ZEW	6	20	9540000000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

SD 0,4x2,0x60	10	9037160000
---------------	----	------------

ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

ZAD 7/4	20	1781940000
---------	----	------------

DEK 5/3,5 / WS 10/3,5

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]			
ZAP/TW 1	2	50	1608740000
ZAP/TW 1 BL	2	50	1608750000

Width [mm]			
ZEW	6	20	9540000000

ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 2.5/1 WS	100	1614300000
ZRH 2.5/2 GR/V0	100	1614290000

ZAD 1/4 GE	20	1609110000
------------	----	------------

DEK 5 / WS 10/5

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]			
ZAP/TW 2 DB	2	50	1608770000
ZAP/TW 2 BL	2	50	1608780000

Width [mm]			
ZEW	6	20	9540000000

ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 2.5/1 WS	100	1614300000
ZRH 2.5/2 GR/V0	100	1614290000

ZAD 1/4 GE	20	1609110000
------------	----	------------

DEK 5 / WS 10/5

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Feed-through terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -


Information

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Information

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole

End plate / partition	
	dark beige Wemid
	blue Wemid

End bracket	
	dark beige Wemid

Test adapter	
for testing of wired terminal strips	Standard version
	With spigot

Screwdriver	
	w. cutting device "swifty set"
	Standard version

Reducing sleeves	
	for conductors < 0.5mm / AWG 20
	for conductors < 1.0mm / AWG 18

Cover	
	With elec. shock warn. symbol
	neutral

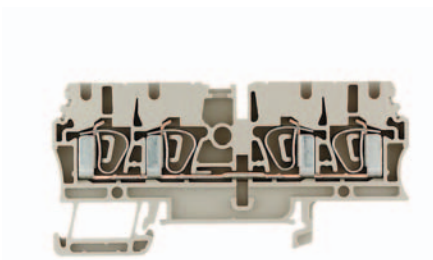
Marking systems (see large assortment in chapter M)	
	Tags

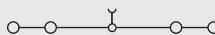
For detailed information on additional accessories and usage instructions see chapter accessories.


ZDU 2.5/4AN

2.5 mm²

Four connections



5.1 x 79.5 x 39.5	
27 / 4	
0.08 ... 4	

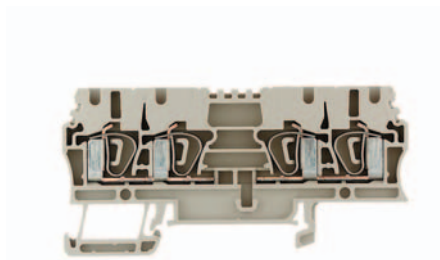
IEC 60947-7-1		EEx e II  T II 2 G D	
IEC	UL	CSA	EN 50019
800	600	600	550
24	25	23	21
2.5	AWG 26 ...12	AWG 26...12	2.5
		8 / 3	
		A3 / V-0	

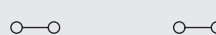
Rated connection		Additional connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 3.5 x 0.6			


ZDU 2.5/2x2AN

2.5 mm²

Two potentials possible



5.1 x 79.5 x 39.5	
30 / 4	
0.08 ... 4	

IEC 60947-7-1		EEx e II  T II 2 G D	
IEC	UL	CSA	EN 50019
800	600	300	550
24	25	27	21
2.5	AWG 26 ...12	AWG 26...12	2.5
		8 / 3	
		A3 / V-0	

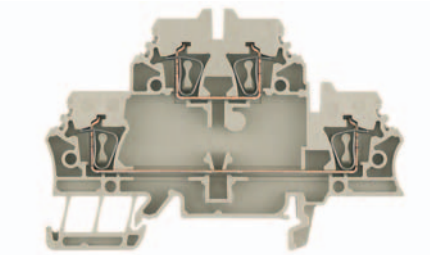
Rated connection		Additional connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 3.5 x 0.6			

Feed-through terminals

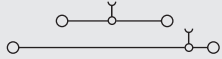
ZDK 2.5/1.5

2.5 mm²

2-tier terminal



5.1 x 79.5 x 54
22.5 / 2.5
0.08 ... 2.5



IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	275
20	10	10	18
2.5	AWG 26 ...14	AWG 26...12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

Rated connection **Additional connection**

0.5...2.5
0.5...2.5 / 0.5...2.5

10 / 3.5 x 0.6

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDK 2.5/1.5	50	1674300000
ZDK 2.5/1.5 BL	50	1678630000

Component plug ZBS 1(1764540000) and ZBS 1 for LED (1764550000) can be used.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]

ZAP/TW ZDK2.5/1.5	1.5	20	1674730000
ZAP/TW ZDK2.5/1.5 BL	1.5	20	1748800000

Width [mm]

ZEW	6	20	9540000000
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ZTA 4	25	1688110000
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SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 1.5H/1	100	1678810000
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ZRH 1.5H/2	100	1678800000
------------	-----	------------

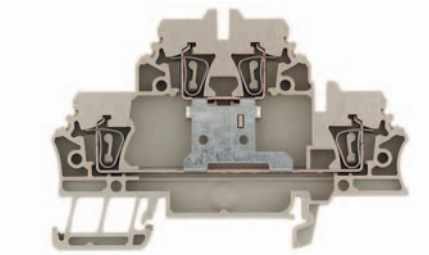
DEK 5 / WS 12/5

ZVQ 2.5/15 (1720700000) joins together two current bars spaced one above the other.

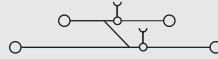
ZDK 2.5/1.5 V

2.5 mm²

Vertically cross-connected 2-tier terminal



5.1 x 79.5 x 54
24 / 2.5
0.08 ... 2.5



IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	420
20	10	10	20
2.5	AWG 26 ...14	AWG 26...12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

Rated connection **Additional connection**

0.5...2.5
0.5...2.5 / 0.5...2.5

10 / 3.5 x 0.6

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDK 2.5/1.5V	50	1689990000
ZDK 2.5/1.5V BL	50	1745880000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]

ZAP/TW ZDK2.5/1.5	1.5	20	1674730000
ZAP/TW ZDK2.5/1.5 BL	1.5	20	1748800000

Width [mm]

ZEW	6	20	9540000000
-----	---	----	------------

ZTA 4	25	1688110000
-------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 1.5H/1	100	1678810000
------------	-----	------------

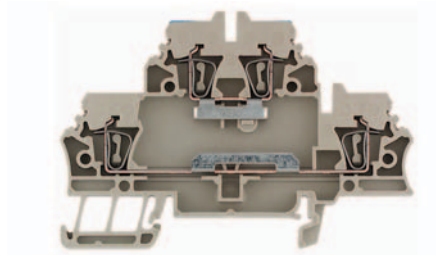
ZRH 1.5H/2	100	1678800000
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DEK 5 / WS 10/5

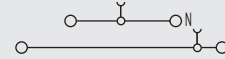
ZDK 2.5/1.5 N-DU

2.5 mm²

Neutral conductor - phase



5.1 x 79.5 x 54
23 / 2.5
0.08 ... 2.5



IEC 60947-7-1 (-7-2) EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	275
20	10	10	20
2.5	AWG 26 ...14	AWG 26...12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

Rated connection **Additional connection**

0.5...2.5
0.5...2.5 / 0.5...2.5

10 / 3.5 x 0.6

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDK 2.5/1.5N-DU	50	1689960000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]

ZAP/TW ZDK2.5/1.5	1.5	20	1674730000
ZAP/TW ZDK2.5/1.5 BL	1.5	20	1748800000

Width [mm]

ZEW	6	20	9540000000
-----	---	----	------------

ZTA 4	25	1688110000
-------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 1.5H/1	100	1678810000
------------	-----	------------

ZRH 1.5H/2	100	1678800000
------------	-----	------------

DEK 5 / WS 12/5

Feed-through terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version

dark beige Wemid
blue Wemid

Information

Accessories

Cross-connection, pluggable



(ZQV)

2-pole
3-pole
4-pole
10-pole
30-/41-/50-pole

End plate / partition

dark beige Wemid
blue Wemid

End bracket

dark beige Wemid

Test adapter

for testing of wired terminal strips

Standard version
With spigot

Screwdriver



w. cutting device "swifty set"
Standard version

Reducing sleeves

for conductors < 0.5mm / AWG 20
for conductors < 1.0mm / AWG 18

Cover



With elec. shock warn. symbol neutral

Marking systems (see large assortment in chapter M)

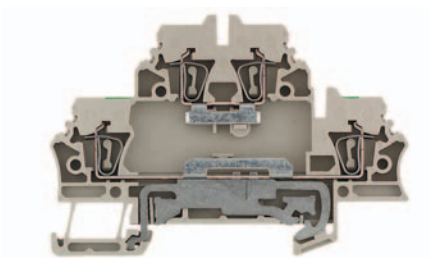
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

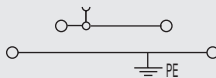
ZDK 2.5/1.5 DU-PE

2.5 mm²

Phase - Protective conductor



5.1 x 79.5 x 54
24 / 2.5
0.08 ... 2.5



IEC 60947-7-1 (-7-2)

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	275
24	10	10	20
2.5	AWG 26 ...14	AWG 26...12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5

Additional connection

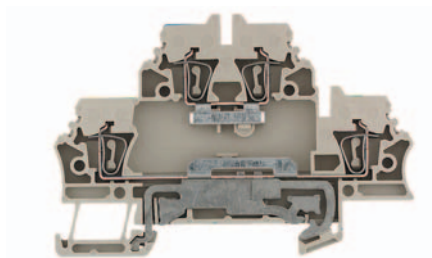
10 / 3.5 x 0.6

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

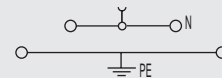
ZDK 2.5/1.5 N-PE

2.5 mm²

Neutral & Protective conductor



5.1 x 79.5 x 54
24 / 2.5
0.08 ... 2.5



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	275
20	10	10	20
2.5	AWG 26 ...14	AWG 26...12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5

Additional connection

10 / 3.5 x 0.6

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type

ZDK 2.5/1.5DU-PE	Qty.	Order No.
------------------	------	-----------

50

1689970000

Type

ZDK 2.5/1.5N-PE	Qty.	Order No.
-----------------	------	-----------

50

1689980000

Type

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Type

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]

ZAP/TW ZDK2.5/1.5	1.5	20	1674730000
ZAP/TW ZDK2.5/1.5 BL	1.5	20	1748800000

Width [mm]

ZAP/TW ZDK2.5/1.5	1.5	20	1674730000
ZAP/TW ZDK2.5/1.5 BL	1.5	20	1748800000

Width [mm]

ZEW	6	20	9540000000
-----	---	----	------------

Width [mm]

ZEW	6	20	9540000000
-----	---	----	------------

Type

ZTA 4	25	1688110000
-------	----	------------

Type

ZTA 4	25	1688110000
-------	----	------------

Type

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

Type

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

Type

ZRH 1.5H/1	100	1678810000
------------	-----	------------

Type

ZRH 1.5H/1	100	1678810000
------------	-----	------------

Type

ZRH 1.5H/2	100	1678800000
------------	-----	------------

Type

ZRH 1.5H/2	100	1678800000
------------	-----	------------

Type

DEK 5 / WS 12/5

Type

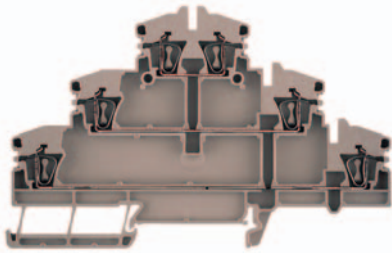
DEK 5 / WS 12/5

Feed-through terminals

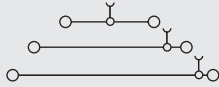
ZDLD 2.5-2 N

2.5 mm²

Multi-tier terminal



5.1 x 110.5 x 70
/ 2.5
0.08 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
500	300	300	
20	15	15	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A2 / V-0		



Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

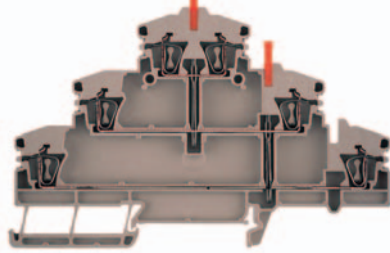
10 / 3.5 x 0.6

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

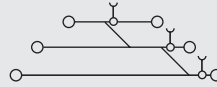
ZDLD 2.5-2 VN

2.5 mm²

Vertically cross-connected multi-tier terminal



5.1 x 110.5 x 70
/ 2.5
0.08 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
500	300	300	
20	15	15	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A2 / V-0		



Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

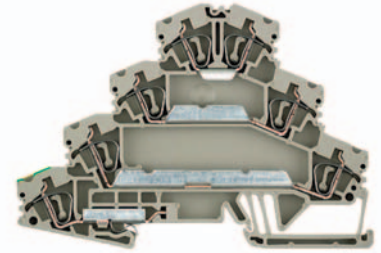
10 / 3.5 x 0.6

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

ZMAK 2.5

2.5 mm²

Motor supply terminal



5.1 x 102 x 70
/ 2.5
0.08 ... 2.5

IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
24	25	25	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A2 / V-0		

Rated connection	Additional connection
0.5...4	
0.5...4 / 0.5...2.5	

10 / 3.5 x 0.6

Type	Qty.	Order No.
ZDLD 2.5-2N	50	1782300000
ZDLD 2.5-2N BL	50	1782310000

Type	Qty.	Order No.
ZDLD 2.5-2VN	25	1782320000
ZDLD 2.5-2VN BL	25	1782330000

Type	Qty.	Order No.
ZMAK 2.5	25	1768000000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Type	Current [A]	Qty.	Order No.

Width [mm]			
ZAP ZDLD2.5-2	1.5	20	1718370000
ZAP ZDLD2.5-2 BL	1.5	20	1719910000

Width [mm]			
ZAP ZDLD2.5-2	1.5	20	1718370000
ZAP ZDLD2.5-2 BL	1.5	20	1719910000

Width [mm]			
ZAP ZMAK 2.5	1.5	10	1768010000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
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SD 0,6X3,5X100	10	9008330000
----------------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

DEK 5 / WS 12/5

DEK 5 / WS 12/5

DEK 5 / ZGB 15

ZVQ 2.5/15 (1720700000) joins together two current bars spaced one above the other.

Feed-through terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version

dark beige Wemid
blue Wemid

Information

Accessories

Cross-connection, pluggable



(ZQV)

2-pole
3-pole
4-pole
10-pole
30-/41-/50-pole

End plate / partition

dark beige Wemid
blue Wemid

End bracket

dark beige Wemid

Test adapter

for testing of wired terminal strips	Standard version
	With spigot

Screwdriver



w. cutting device "swifty set"
Standard version

Reducing sleeves

for conductors < 0.5mm / AWG 20
for conductors < 1.0mm / AWG 18

Cover



With elec. shock warn. symbol
neutral

Marking systems (see large assortment in chapter M)

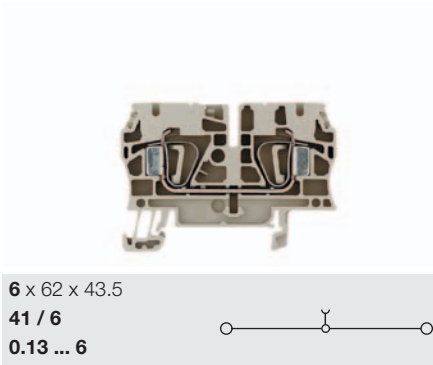
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDU 4

4 mm²

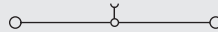
Two connections



6 x 62 x 43.5

41 / 6

0.13 ... 6



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
32	33	35	28
4	AWG 26 ...10	AWG 26...10	4
8 / 3			
A4 / V-0			



KEMA 97ATEX2521 U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4

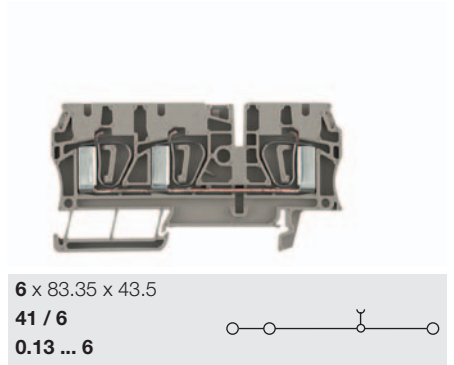
Additional connection

12 / 3.5 x 0.6

ZDU 4/3 AN

4 mm²

Three connections



6 x 83.35 x 43.5

41 / 6

0.13 ... 6



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
32	33	35	28
4	AWG 26 ...10	AWG 26...10	4
8 / 3			
A4 / V-0			



KEMA 00ATEX2107 U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4

Additional connection

12 / 3.5 x 0.6

Type

Type	Qty.	Order No.
ZDU 4	100	1632050000
ZDU 4 BL	100	1632060000

Information

Type

Type	Qty.	Order No.
ZDU 4/3AN	50	7904180000
ZDU 4/3AN BL	50	7904190000

Information

Type

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]

ZAP/TW 4 DB	2	50	1632090000
ZAP/TW 4 BL	2	50	1632100000

Width [mm]

ZEW	6	20	9540000000
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ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000

SD 0,6X3,5X100	10	9008330000
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ZRH 4/1 WS	100	1636640000
ZRH 4/2	100	1636650000

ZAD 2/4 GE	20	1609080000
------------	----	------------

DEK 6 / WS 10/6

Type

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]

ZAP/TW4/3AN	2	20	7904100000
ZAP/TW 4/3AN BL	2	50	7904110000

Width [mm]

ZEW	6	20	9540000000
-----	---	----	------------

ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 4/1 WS	100	1636640000
ZRH 4/2	100	1636650000

ZAD 2/4 GE	20	1609080000
------------	----	------------

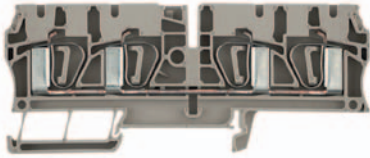
DEK 6 / WS 12/6

Feed-through terminals

ZDU 4/4 AN

4 mm²

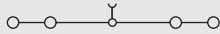
Four connections



6 x 104.35 x 43.5

41 / 6

0.13 ... 6



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
32	33	35	28
4	AWG 26 ...10	AWG 26...10	4
8 / 3			
A4 / V-0			



KEMA 00ATEX2107 U

Rated connection

0.5...6 / 0.5...6

0.5...6 / 0.5...4

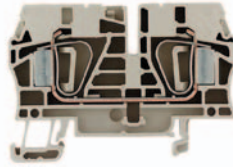
Additional connection

12 / 3.5 x 0.6

ZDU 6

6 mm²

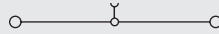
Two connections



8 x 65 x 45.6

57 / 10

0.21 ... 10



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
41	45	50	36
6	AWG 22 ...8	AWG 20...8	6
8 / 3			
A5 / V-0			



KEMA 97ATEX2521 U

Rated connection

0.5...10

0.5...10 / 0.5...6

Additional connection

13 / 5.5 x 1.0

ZDU 6/3 AN

6 mm²

Three connections



8 x 90 x 45.6

57 / 10

0.21 ... 10



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
41	45	50	36
6	AWG 22 ...8	AWG 20...8	6
8 / 3			
A5 / V-0			



KEMA 00ATEX2107 U

Rated connection

0.5...10

0.5...10 / 0.5...10

Additional connection

13 / 5.5 x 1.0

Type	Qty.	Order No.
ZDU 4/4AN	50	7904290000
ZDU 4/4AN BL	50	7904300000

Type	Qty.	Order No.
ZDU 6	50	1608620000
ZDU 6 BL	50	1608630000

Type	Qty.	Order No.
ZDU 6/3AN	50	7907410000
ZDU 6/3AN BL	50	7907420000

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000
ZQV 6/32 GE	41	10	1733640000

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000
ZQV 6/32 GE	41	10	1733640000

Width [mm]			
ZAP/TW4/4AN	2	20	7904210000
ZAP/TW4/4AN BL	2	50	7904220000

Width [mm]			
ZAP/TW 5	2	50	1608830000
ZAP/TW 5 BL	2	50	1608840000

Width [mm]			
ZAP/TW6/3AN	2	20	7907370000
ZAP/TW6/3AN BL	2	20	7907380000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

ZTA 2 ZDU4	25	1609060000
ZTA 2/ZTA ZDU4	25	1609070000

ZTA 3 ZDU6	25	1654050000
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ZTA 3 ZDU6	25	1654050000
------------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

SD 1,0X5,5X150	10	9008350000
----------------	----	------------

SD 1,0X5,5X150	10	9008350000
----------------	----	------------

ZRH 4/1 WS	100	1636640000
ZRH 4/2	100	1636650000

ZAD 3/4 GE	20	1609120000
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ZAD 3/4 GE	20	1609120000
------------	----	------------

ZAD 2/4 GE	20	1609080000
------------	----	------------

ZAD 3/4 GE	20	1609120000
------------	----	------------

ZAD 3/4 GE	20	1609120000
------------	----	------------

DEK 6 / WS 12/6

DEK 8 / WS 12/6

DEK 8 / WS 12/6

Feed-through terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94 Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -


Information

Ordering data

Version	
dark beige Wemid	
blue Wemid	

Information

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole


End plate / partition	
dark beige Wemid	
blue Wemid	

End bracket	
dark beige Wemid	

Test adapter	
for testing of wired terminal strips	Standard version
	With spigot

Screwdriver	
	w. cutting device "swifty set"
	Standard version

Reducing sleeves	
	for conductors < 0.5mm / AWG 20
	for conductors < 1.0mm / AWG 18

Cover	
	With elec. shock warn. symbol
	neutral

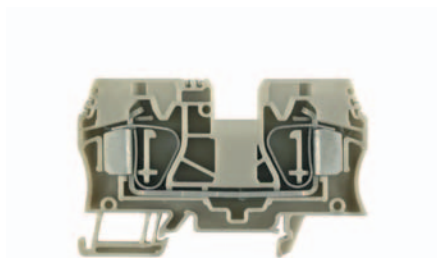
Marking systems (see large assortment in chapter M)	
	Tags

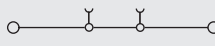
For detailed information on additional accessories and usage instructions see chapter accessories.


ZDU 10

10 mm²

Two connections



10 x 73.5 x 50.5	
/ 16	
1.31 ... 16	

IEC 60947-7-1		EEx e II  T II 2 G D	
IEC	UL	CSA	EN 50019
800	600	600	550
57	60	55	50
10	AWG 16 ...6	AWG 16...6	10
		8 / 3	
		A6 / V-0	

Rated connection		Additional connection	
1.5...16	/ 1.5...16		
1.5...10	/ 1.5...10		
18 / 5.5 x 1.0			

Information

Type	Qty.	Order No.
ZDU 10	25	1746750000
ZDU 10 BL	25	1746760000

Information

Type	Current [A]	Qty.	Order No.
ZQV 10/2	57	25	1739680000

Width [mm]		Qty.	Order No.
ZAP/TW ZDU10	2.7	20	1748660000
ZAP/TW ZDU10 BL	2.7	20	1764110000

Width [mm]		Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.

Type	Qty.	Order No.
SD 1,0X5,5X150	10	9008350000

Type	Qty.	Order No.

Type	Qty.	Order No.
ZAD 4/5	20	1746730000

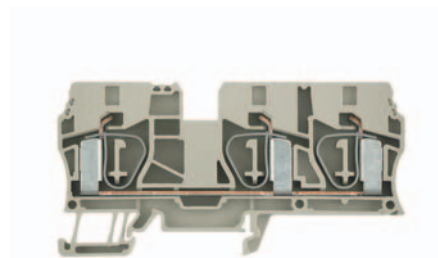
Type	Qty.	Order No.
DEK 5 / WS 12/5		

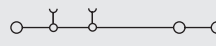
Cross connection of ZDU 10 and ZDU 16 with ZQV 16-10 (7920080000) possible


ZDU 10/3AN

10 mm²

Three connections



10 x 99 x 50.5	
/ 16	
1.31 ... 16	

IEC 60947-7-1		EEx e II  T II 2 G D	
IEC	UL	CSA	EN 50019
800	600	600	550
57	60	55	50
10	AWG 16 ...6	AWG 16...6	10
		8 / 3	
		A6 / V-0	

Rated connection		Additional connection	
1.5...16	/ 1.5...16		
1.5...10	/ 1.5...10		
18 / 5.5 x 1.0			

Information

Type	Qty.	Order No.
ZDU 10/3AN	20	1767690000
ZDU 10/3AN BL	20	1767700000

Information

Type	Current [A]	Qty.	Order No.
ZQV 10/2	57	25	1739680000

Width [mm]		Qty.	Order No.
ZAP/TW 10/16	3	20	1749580000
ZAP/TW 10/16 BL	3	20	1768520000

Width [mm]		Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.

Type	Qty.	Order No.
SD 1,0X5,5X150	10	9008350000

Type	Qty.	Order No.

Type	Qty.	Order No.
ZAD 4/5	20	1746730000

Type	Qty.	Order No.
DEK 5 / WS 12/5		

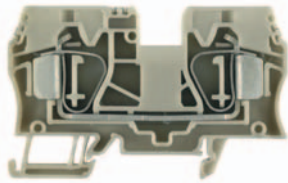
Cross connection of ZDU 10 and ZDU 16 with ZQV 16-10 (7920080000) possible

Feed-through terminals

ZDU 16

16 mm²

Two connections



12 x 82.5 x 51.5
/ 25
1.5 ... 25



IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
76	65	65	66
16	AWG 14 ...4	AWG 14...4	16
8 / 3			
A7 / V-0			



KEMA 99ATEX5514 U

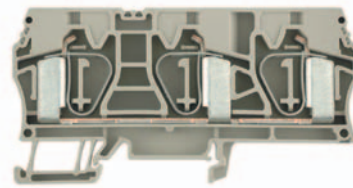
Rated connection	Additional connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	

18 / 5.5 x 1.0

ZDU 16/3 AN

16 mm²

Three connections



12 x 99 x 51.5
/ 25
1.5 ... 25



IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
76	65	65	66
16	AWG 14 ...4	AWG 14...4	16
8 / 3			
A7 / V-0			



KEMA 00ATEX2107 U

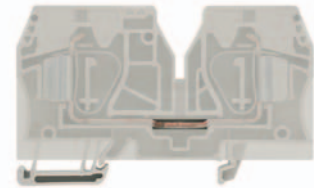
Rated connection	Additional connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	

18 / 5.5 x 1.0

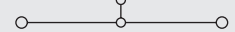
ZEI 16

16 mm²

Power distribution terminal



15 x 82.5 x 51.5
/ 25
1.5 ... 25



IEC 60947-7-1

IEC	UL	CSA	EN 50019
500	600	600	
76	65	65	
16	AWG 14 ...4	AWG 14...4	
8 / 3			
A7 / V-0			



Rated connection	Additional connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	

18 / 5.5 x 1.0

Type	Qty.	Order No.
ZDU 16	25	1745230000
ZDU 16 BL	25	1745240000

Type	Qty.	Order No.
ZDU 16/3AN	20	1768320000
ZDU 16/3AN BL	20	1768330000

Type	Qty.	Order No.
ZEI 16	20	1745350000
ZEI 16 BL	20	1766240000

End plate is integrated.

Type	Current [A]	Qty.	Order No.
ZQV 16/2	76	25	1739690000

Width [mm]			
ZAP/TW ZDU16	3	20	1745150000
ZAP/TW ZDU16 BL	3	20	1764100000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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ZAD 5/5	20	1745210000
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DEK 5 / WS 15/5

Cross-connections of ZDU 16 and ZDU 35 with ZQV 35-16 (7920120000)
possible Cross-connections of ZDU 10 possible

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 4/3 GE	32	60	1608960000
ZQV 6/4 GE	41	60	1627870000

Width [mm]			
ZAP/TW 10/16	3	20	1749580000
ZAP/TW 10/16 BL	3	20	1768520000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
----------------	----	------------

ZAD 5/5	20	1745210000
---------	----	------------

DEK 5 / WS 15/5

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 4/3 GE	32	60	1608960000
ZQV 6/4 GE	41	60	1627870000

Width [mm]			
ZAP/TW 10/16	3	20	1749580000
ZAP/TW 10/16 BL	3	20	1768520000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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ZAD 5/5	20	1745210000
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DEK 5 / WS 15/5

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Feed-through terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version

dark beige Wemid
blue Wemid

Information

Accessories

Cross-connection, pluggable



(ZQV)

2-pole
3-pole
4-pole
10-pole
30-/41-/50-pole

End plate / partition

dark beige Wemid
blue Wemid

End bracket

dark beige Wemid

Test adapter

for testing of wired terminal strips

Standard version
With spigot

Screwdriver



w. cutting device "swifty set"
Standard version

Reducing sleeves

for conductors < 0.5mm / AWG 20
for conductors < 1.0mm / AWG 18

Cover



With elec. shock warn. symbol
neutral

Marking systems (see large assortment in chapter M)

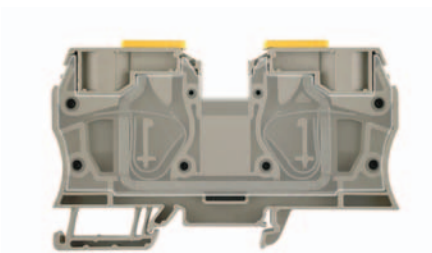
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDU 35

35 mm²

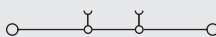
Two connections



16 x 100.5 x 59

/ 35

2.5 ... 35



IEC 60947-7-1

EEx e II  T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
125	120	120	109
35	AWG 12 ...2	AWG 12...2	35
8 / 3			
A8 / V-0			

KEMA 00ATEX2107 U

Rated connection

2.5...16 / 2.5...35
2.5...35 / 2.5...35

Additional connection

25 / 5.5 x 1.0

Type

Qty.

Order No.

ZDU 35	10	1739620000
ZDU 35 BL	10	1739630000

End plate is integrated.

Type

Current [A]

Qty.

Order No.

ZQV 35/2	105	10	1739700000
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Width [mm]

Width [mm]

ZEW	6	20	9540000000
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SD 1,0X5,5X150	10	9008350000
----------------	----	------------

ZAD 6/5

20

1752620000

DEK 5 / WS 15/5

Cross connection of ZDU 10 and ZDU 35 with ZQV 35-10 (7920100000)
possible Cross connection of ZDU 16 and ZDU 35 possible

Feed-through terminals

Roof-Style

Tension clamp terminal solutions for rated conductors 0.13 to 16 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version	
dark beige Wemid	
blue Wemid	

Information

Accessories

Cross-connection, pluggable



(ZQV)

2-pole	
3-pole	
4-pole	
10-pole	
30-/41-/50-pole	

End plate / partition

dark beige Wemid	
blue Wemid	

End bracket

dark beige Wemid	
------------------	--

Test adapter

for testing of wired terminal strips

Standard version	
With spigot	

Screwdriver

w. cutting device "swifty set"
Standard version

Reducing sleeves

for conductors < 0.5mm / AWG 20	
for conductors < 1.0mm / AWG 18	

Cover

With elec. shock warn. symbol
neutral

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

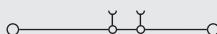
ZDU 2.5-2

2.5 mm²

Two connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
24	24	23	
2.5	AWG 26 ...12	AWG 26...14	
			8 / 3
			A2 / V-0



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5

10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

ZDU 2.5-2/3AN

2.5 mm²

Three connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	23	21
2.5	AWG 26 ...12	AWG 26...14	2.5
			8 / 3
			A2 / V-0



KEMA 97ATEX4677 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5

10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDU 2.5-2	100	1772060000
ZDU 2.5-2 BL	100	1772070000

The rated voltage is reduced to 250V when using the cross connection.

Type	Qty.	Order No.
ZDU 2.5-2/3AN	100	1706010000
ZDU 2.5-2/3AN BL	100	1706040000

The rated voltage is reduced to 250V when using the cross connection.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

	Width [mm]		
ZAP/TW7	2.5	50	1706110000
ZAP/TW7 BL	2.5	50	1706120000

	Width [mm]		
ZEW	6	20	9540000000

ZTA 4	25	1688110000
-------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 1.5H/1	100	1678810000
------------	-----	------------

ZRH 1.5H/2	100	1678800000
------------	-----	------------

ZAD 1/4-2 GE	20	1764560000
--------------	----	------------

DEK 5 / WS 14/5

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

	Width [mm]		
ZAP/TW7	2.5	50	1706110000
ZAP/TW7 BL	2.5	50	1706120000

	Width [mm]		
ZEW	6	20	9540000000

ZTA 4	25	1688110000
-------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 1.5H/1	100	1678810000
------------	-----	------------

ZRH 1.5H/2	100	1678800000
------------	-----	------------

ZAD 1/4-2 GE	20	1764560000
--------------	----	------------

DEK 5 / WS 14/5

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

Feed-through terminals

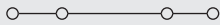
ZDU 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5



IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	23	21
2.5	AWG 26 ...12	AWG 26...14	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

ZDK 2.5-2

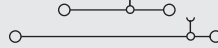
2.5 mm²

2-tier terminal



n

5.1 x 72.5 x 55.5
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
24	20	25	
2.5	AWG 26 ...12	AWG 26...12	
8 / 3			
A2 / V-0			



Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

ZDK 2.5-2V

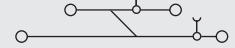
2.5 mm²

Vertically cross-connected 2-tier terminal



n

5.1 x 72.5 x 55.5
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
24	20	20	
2.5	AWG 26 ...12	AWG 26...12	
8 / 3			
A2 / V-0			



Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDU 2.5-2/4AN	100	1706060000
ZDU 2.5-2/4AN BL	100	1706070000

When using the ZQB 2.5 the conductor cross-section is reduced to 1.5 mm² solid and flexible.

Type	Qty.	Order No.
ZDK 2.5-2	50	1790990000
ZDK 2.5-2 BL	50	1791000000

The rated voltage is reduced to 250V when using the cross connection.

Type	Qty.	Order No.
ZDK 2.5-2V	50	1791030000
ZDK 2.5-2V BL	50	1791040000

The rated voltage is reduced to 250V when using the cross connection.

Type	Current [A]	Qty.	Order No.
ZQB 2.5-2	24	50	1677120000

Width [mm]			
ZAP/TW7	2.5	50	1706110000
ZAP/TW7 BL	2.5	50	1706120000
Width [mm]			
ZEW	6	20	9540000000

ZTA 4	25	1688110000
-------	----	-------------------

SD 0,6X3,5X100	10	9008330000
----------------	----	-------------------

ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

ZAD 1/4-2 GE	20	1764560000
--------------	----	-------------------

DEK 5 / WS 14/5

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]			
ZAP/TW ZDK2.5-2	2	20	1791050000
ZAP/TW ZDK2.5-2 BL	2	20	1791060000
Width [mm]			
ZEW	6	20	9540000000

ZTA 4	25	1688110000
-------	----	-------------------

SD 0,6X3,5X100	10	9008330000
----------------	----	-------------------

ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

ZAD 1/4-2 GE	20	1764560000
--------------	----	-------------------

DEK 5 / WS 10/5

Max. current 22A

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]			
ZAP/TW ZDK2.5-2	2	20	1791050000
ZAP/TW ZDK2.5-2 BL	2	20	1791060000
Width [mm]			
ZEW	6	20	9540000000

ZTA 4	25	1688110000
-------	----	-------------------

SD 0,6X3,5X100	10	9008330000
----------------	----	-------------------

ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

ZAD 1/4-2 GE	20	1764560000
--------------	----	-------------------

DEK 5 / WS 10/5

Max. current 22A

Feed-through terminals

Roof-Style

Tension clamp terminal solutions for rated conductors 0.13 to 16 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -


Information

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Information

Accessories

Cross-connection, pluggable	
 (ZQV)	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole


End plate / partition	
	dark beige Wemid
	blue Wemid

End bracket	
	dark beige Wemid

Test adapter	
for testing of wired terminal strips	Standard version
	With spigot

Screwdriver	
	w. cutting device "swifty set"
	Standard version

Reducing sleeves	
	for conductors < 0.5mm / AWG 20
	for conductors < 1.0mm / AWG 18

Cover	
	With elec. shock warn. symbol neutral

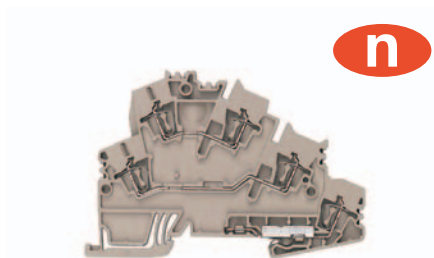
Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

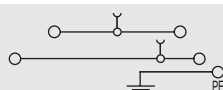
ZDKPE 2.5

2.5 mm²

2-tier terminal with single-sided PE-contact



5.1 x 89.5 x 60
/ 2.5
0.13 ... 2.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 50019
800	600	600	
24	20	20	
2.5	AWG 26 ...12	AWG 26...12	
		8 / 3	
		A2 / V-0	

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5	

The rated voltage is reduced to 250V when using the cross connection.

Type	Qty.	Order No.
ZDKPE 2.5-2	50	1805940000

The rated voltage is reduced to 250V when using the cross connection.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

	Width [mm]		
ZAP/TW ZDKPE2.5-2	2	20	1805960000

	Width [mm]		
ZEW	6	20	9540000000

ZTA 4	25	1688110000	

SD 0,6X3,5X100	10	9008330000	

ZRH 1.5H/1	100	1678810000	

ZRH 1.5H/2	100	1678800000	

ZAD 1/4-2 GE	20	1764560000	

DEK 5 / WS 10/5			

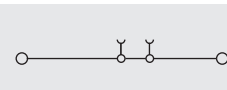
ZDU 4-2

4 mm²

Two connections



6.1 x 61.5 x 46
/ 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
32	33	35	
4	AWG 26 ...10	AWG 26...10	
		8 / 3	
		A3 / V-0	

BL KESER

Rated connection	Additional connection
0.5...6	
0.5...4 / 0.5...4	
10 / 3.5 x 0.6	

The rated voltage is reduced to 250V when using the cross connection.

Type	Qty.	Order No.
ZDU 4-2/2AN	100	1770370000
ZDU 4-2/2AN BL	100	1770840000

The rated voltage is reduced to 250V when using the cross connection.

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

	Width [mm]		
ZAP ZDU4-2	2	50	1770400000

	Width [mm]		
ZAP ZDU4-2 BL	2	50	1770880000

	Width [mm]		
ZEW	6	20	9540000000

ZTA 6/ZTA	25	1780660000	

SD 0,6X3,5X100	10	9008330000	

ZAD 1/4 GE	20	1609110000	

DEK 6 / WS 12/6			

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

Feed-through terminals

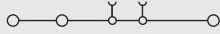
ZDU 4-2/3AN

4 mm²

Three connections



6.1 x 61.5 x 46
38 / 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
32	33	35	
4	AWG 26 ...10	AWG 26...10	
	8 / 3		
	A3 / V-0		



Rated connection	Additional connection
0.5...6	
0.5...4 / 0.5...4	

10 / 3.5 x 0.6

Applicable on the 40 mm LSC profile. A stranded 6 mm² conductor can be clamped if the strand is heavy twisted.

Type	Qty.	Order No.
ZDU 4-2/3AN	100	1770360000
ZDU 4-2/3AN BL	100	1770860000

The rated voltage is reduced to 250V when using the cross connection.

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]	Qty.	Order No.
ZAP ZDU4-2	2	1770400000
ZAP ZDU4-2 BL	2	1770880000

Width [mm]	Qty.	Order No.
ZEW	6	9540000000

ZTA 6/ZA	25	1780660000
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SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZAD 1/4 GE	20	1609110000
------------	----	------------

DEK 6 / WS 12/6

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

ZDU 4-2/4AN

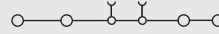
4 mm²

Four connections



n

6.1 x 75.5 x 46
/ 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
32	33	33	
4	AWG 26 ...10	AWG 26...10	
	8 / 3		
	A3 / V-0		



Rated connection	Additional connection
0.5...6	
0.5...4 / 0.5...4	

10 / 3.5 x 0.6

Type	Qty.	Order No.
ZDU 4-2/4AN	100	1806980000
ZDU 4-2/4AN BL	100	1806990000

The rated voltage is reduced to 250V when using the cross connection.

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]	Qty.	Order No.
ZAP ZDU4-2/4AN	2	1807010000
ZAP ZDU4-2/4AN BL	2	1807020000

Width [mm]	Qty.	Order No.
ZEW	6	9540000000

ZTA 6/ZA	25	1780660000
----------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZAD 1/4 GE	20	1609110000
------------	----	------------

DEK 6 / WS 12/6

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

ZDK 4 -2

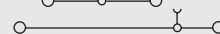
4 mm²

2-tier terminal



n

6.1 x 77.6 x 61
/ 6
0.08 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
32	30	30	
4	AWG 26 ...10	AWG 26...10	
	8 / 3		
	A3 / V-0		



Rated connection	Additional connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	

10 / 3.5 x 0.6

Type	Qty.	Order No.
ZDK 4-2	50	8670750000
ZDK 4-2 BL	50	8670850000

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]	Qty.	Order No.
ZAP/TW ZDK 4-2	2	8670760000
ZAP/TW ZDK 4-2 BL	2	8670620000

Width [mm]	Qty.	Order No.
ZEW	6	9540000000

ZTA 6/ZA	25	1780660000
----------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZAD 1/4 GE	20	1609110000
------------	----	------------

DEK 6

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

Feed-through terminals

Roof-Style

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -


Information

Ordering data

Version	
dark beige Wemid	
blue Wemid	

Information

Accessories

Cross-connection, pluggable	
 (ZQV)	
2-pole	
3-pole	
4-pole	
10-pole	
30-/41-/50-pole	


End plate / partition	
dark beige Wemid	
blue Wemid	

End bracket	
dark beige Wemid	

Test adapter	
for testing of wired terminal strips	Standard version
	With spigot

Screwdriver	
	w. cutting device "swifty set"
	Standard version

Reducing sleeves	
	for conductors < 0.5mm / AWG 20
	for conductors < 1.0mm / AWG 18

Cover	
	With elec. shock warn. symbol
	neutral

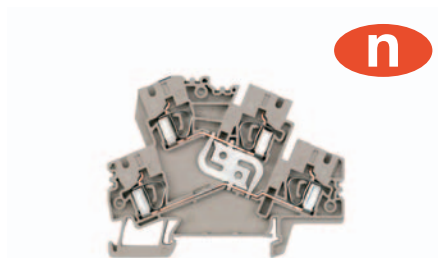
Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDK 4-2 V

4 mm²

Vertically cross-connected 2-tier terminal



6.1 x 77.6 x 61	
/ 6	
0.08 ... 6	

IEC 60947-7-1

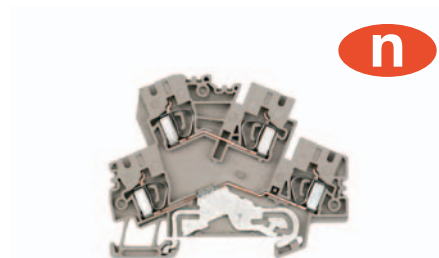
IEC	UL	CSA	EN 50019
800	600	600	
32	30	30	
4	AWG 26 ...10	AWG 26...10	
		8 / 3	
		A3 / V-0	

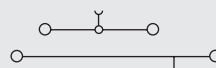
Rated connection	Additional connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	
10 / 3.5 x 0.6	

ZDK 4-2 DU/PE

4 mm²

Phase protective conductor



6.1 x 77.6 x 61	
/ 6	
0.08 ... 6	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
32	30	30	
4	AWG 26 ...10	AWG 26...10	
		8 / 3	
		A3 / V-0	

Rated connection	Additional connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	
10 / 0.6 x 3.5	

Information

Type	Qty.	Order No.
ZDK 4-2 V	50	8671080000
ZDK 4-2 V BL	50	8704360000

Information

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]	
ZAP/TW ZDK 4-2	2 50 8670760000
ZAP/TW ZDK 4-2 BL	2 50 8670620000

Width [mm]	
ZEW	6 20 9540000000

Width [mm]	
ZTA 6/ZA	25 1780660000

Width [mm]	
SD 0,6X3,5X100	10 9008330000

Width [mm]	
ZAD 1/4 GE	20 1609110000

Width [mm]	
ZAD 1/4 GE	20 1609110000

Width [mm]	
DEK 6	DEK 6

For detailed information on additional accessories and usage instructions see chapter accessories.

Feed-through terminals

ZDU 6-2/2AN

6 mm²

Two connections



8.1 x 68 x 50
/ 10
0.33 ... 10



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
41	45	50	
6	AWG 22 ...8	AWG 20...8	
	8 / 3		
	A5 / V-0		



Rated connection	Additional connection
0.5...10	
0.5...10 / 0.5...6	
12 / 0.6 x 3.5	

ZDU 6-2/3AN

6 mm²

Three connections



8.1 x 68 x 50
/ 10
0.33 ... 10



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
41	45	50	
6	AWG 22 ...8	AWG 20...8	
	8 / 3		
	A5 / V-0		



Rated connection	Additional connection
0.5...10	
0.5...10 / 0.5...6	
12 / 0.6 x 3.5	

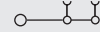
ZEI 16-2 /1 AN

16 mm²

Power distribution terminal



14 x 61.5 x 51.5
/ 16
1.5 ... 16



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800			
76			
16			
	6 / 3		
	A7 / V-0		

Rated connection	Additional connection
1.5...10 / 1.5...16	
1.5...16 / 1.5...16	
18 / 5.5 x 1.0	

Rated voltage is reduced to 400V resp. the rated voltage of the distribution terminals.

Type	Qty.	Order No.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000

The rated voltage is reduced to 250V when using the cross connection.

Type	Qty.	Order No.
ZDU 6-2/3AN	50	1771410000
ZDU 6-2/3AN BL	50	1771420000

The rated voltage is reduced to 250V when using the cross connection.

Type	Qty.	Order No.
ZEI 16-2/1AN	20	1772940000
ZEI 16-2/1AN BL	20	1772950000

End plate is integrated.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 4/3 GE	32	60	1608960000
ZQV 6/4 GE	41	60	1627870000

ZQV 6/32 GE	41	10	1733640000
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ZQV 6/32 GE	41	10	1733640000
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Width [mm]			
ZAP ZDU6-2	2.5	50	1771440000
ZAP ZDU6-2 BL	2.5	50	1771450000

Width [mm]			
ZAP ZDU6-2	2.5	50	1771440000
ZAP ZDU6-2 BL	2.5	50	1771450000

Width [mm]			

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZEW	6	20	9540000000

ZTA 7/ZA	25	1780670000
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ZTA 7/ZA	25	1780670000
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SD 0,8X4,0X100	10	9008340000
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SD 0,6X3,5X100	10	9008330000
----------------	----	------------

SD 1,0X5,5X150	10	9008350000
----------------	----	------------

ZAD 2/4 GE	20	1609080000
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ZAD 2/4 GE	20	1609080000
------------	----	------------

ZAD 5/5	20	1745210000
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DEK 8

DEK 8

DEK 8

The pluggable cross-connections ZQV 2,5/..., ZQV 4/... and ZQV 6/... can be used.

PE terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage for adjacent terminal	V
Rated impulse voltage for adjacent terminal	kV
Short-time current resistant	A
Pollution severity	
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information
Flexible conductor 2,5 mm ² is crimped using the Weidmüller-crimping tool PZ 6/5.

Ordering data

Version
green/yellow Wernid

Information

Accessories

End plate
dark beige Wernid

End bracket
dark beige / beige

Test adapter
For testing of wired terminal strips
Standard version
With spigot

Screwdriver
w. cutting device "swifty set"
Standard version

Reducing sleeves
for conductors < 0.5 mm ² / < AWG 20
for conductors < 1.0 mm ² / < AWG 18

PEN-bridge
Insertable in distributor TN-S net between N- and PE-terminal

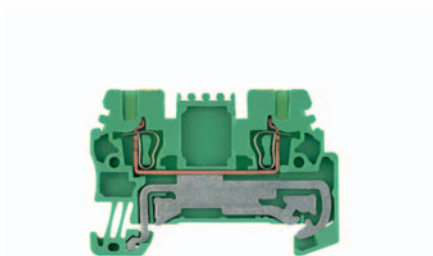
Marking systems (see large assortment in chapter M)
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZPE 1.5

1.5 mm²

Two connections



3.5 x 51.5 x 37
/ 1.5
0.08 ... 1.5

IEC 60947-7-2 EEx e II Ex T II 2 G D

IEC	UL	CSA	EN 50019
1.5	AWG 26 ...14	AWG 26...14	1.5
		500	
		6	
		3	
		B1 / V-0	

Rated connection	Additional connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 20	

Flexible conductor 2,5 mm ² is crimped using the Weidmüller-crimping tool PZ 6/5.
--

Type	Qty.	Order No.
ZPE 1.5	100	1775510000

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDU1.5/2AN	3.5	20	1776030000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

Type	Qty.	Order No.
SD 0,4x2,0x60	10	9037160000

Type	Qty.	Order No.
ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

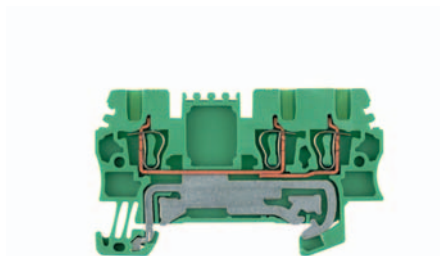
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DEK 5 / WS 12/3,5

ZPE 1.5/3AN

1.5 mm²

Three connections



3.5 x 63.5 x 37
/ 1.5
0.08 ... 1.5

IEC 60947-7-2 EEx e II Ex T II 2 G D

IEC	UL	CSA	EN 50019
1.5	AWG 26 ...14	AWG 26...14	1.5
		500	
		6	
		3	
		B1 / V-0	

Rated connection	Additional connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 20	

Flexible conductor 2,5 mm ² is crimped using the Weidmüller-crimping tool PZ 6/5.
--

Type	Qty.	Order No.
ZPE 1.5/3AN	100	1775660000

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDU1.5/3AN	3.5	20	1776060000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

Type	Qty.	Order No.
SD 0,4x2,0x60	10	9037160000

Type	Qty.	Order No.
ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

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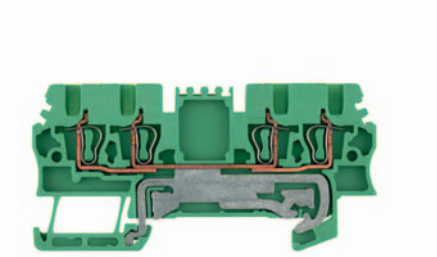
DEK 5 / WS 10/3,5

PE terminals

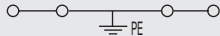
ZPE 1.5/4AN

1.5 mm²

Four connections



3.5 x 75.5 x 37
/ 1.5
0.08 ... 1.5



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
1.5	AWG 26 ...14	AWG 26...14	1.5
500			
6			
3			
B1 / V-0			



KEMA 01ATEX2106 U

Rated connection	Additional connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	

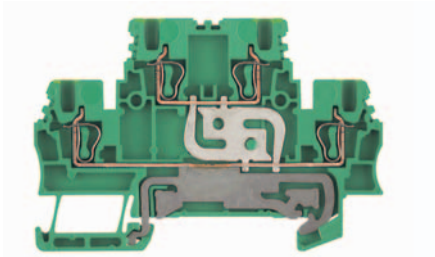
10 / 0.4 x 20

Flexible conductor 2,5 mm² is crimped using the Weidmüller-crimping tool PZ 6/5.

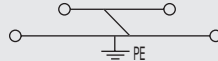
ZDK 1.5 PE

1.5 mm²

2-tier terminal



3.5 x 75.5 x 50
/ 1.5
0.08 ... 1.5



IEC 60947-7-2

IEC	UL	CSA	EN 50019
1.5	AWG 28 ...16	AWG 28...16	
500			
6			
3			
B1 / V-0			



Rated connection	Additional connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	

10 / 0.4 x 20

Flexible conductor 2,5 mm² is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZPE 1.5/4AN	100	1775620000

Type	Qty.	Order No.
ZDK 1.5PE	100	1791150000

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDU1.5/4AN	3.5	20	1776090000

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDK1.5	2	20	1791160000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

SD 0,4x2,0x60	10	9037160000
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SD 0,4x2,0x60	10	9037160000
---------------	----	------------

ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

DEK 5 / WS 12/3,5

DEK 5/3,5 / WS 10/3,5

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

PE terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage for adjacent terminal	V
Rated impulse voltage for adjacent terminal	kV
Short-time current resistant	A
Pollution severity	
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information

Ordering data

Version	
	green/yellow Wernid

Information

Accessories

End plate	
	dark beige Wernid

End bracket	
	dark beige / beige

Test adapter	
For testing of wired terminal strips	Standard version With spigot

Screwdriver	
	w. cutting device "swifty set" Standard version

Reducing sleeves	
	for conductors < 0.5 mm ² / < AWG 20 for conductors < 1.0 mm ² / < AWG 18

PEN-bridge	
	Insertable in distributor TN-S net between N- and PE-terminal

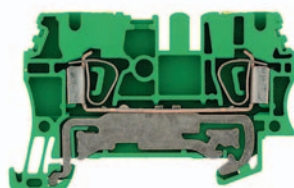
Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZPE 2.5

2.5 mm²

Two connections



5.1 x 59.5 x 39.5	
/ 4	
0.08 ... 4	

IEC 60947-7-2 EEx e II Ex T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	2.5
		800	
		8	
		3	
	A3 / V-0		

Rated connection	Additional connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5	

Information	

Type	Qty.	Order No.
ZPE 2.5	100	1608640000

Information

Type	Width [mm]	Qty.	Order No.
ZAP/TW 1	2	50	1608740000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
ZRH 2.5/1 WS	100	1614300000
ZRH 2.5/2 GR/V0	100	1614290000

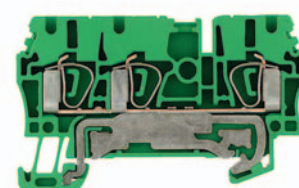
Type	

Type	
	DEK 5 / WS 10/5

ZPE 2.5/3AN

2.5 mm²

Three connections



5.1 x 64.5 x 39.5	
/ 4	
0.08 ... 4	

IEC 60947-7-2 EEx e II Ex T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	2.5
		800	
		8	
		3	
	A3 / V-0		

Rated connection	Additional connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5	

Information	

Type	Qty.	Order No.
ZPE 2.5/3AN	100	1608650000

Information

Type	Width [mm]	Qty.	Order No.
ZAP/TW 2 DB	2	50	1608770000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
ZRH 2.5/1 WS	100	1614300000
ZRH 2.5/2 GR/V0	100	1614290000

Type	

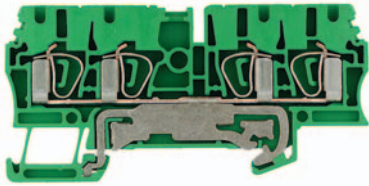
Type	
	DEK 5 / WS 10/5

PE terminals

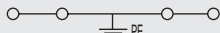
ZPE 2.5/4AN

2.5 mm²

Four connections



5.1 x 79.5 x 39.5
/ 4
0.08 ... 4



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	2.5
800			
8			
3			
A3 / V-0			



KEMA 97ATEX2621 U

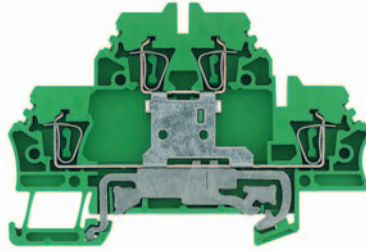
Rated connection	Additional connection
0.5...4	
0.5...4 / 0.5...2.5	

10 / 0.6 x 3.5

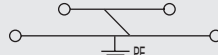
ZDK 2.5/1.5PE

2.5 mm²

Vertically cross-connected



5.1 x 79.5 x 54
/ 2.5
0.08 ... 2.5



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...14	AWG 26...12	2.5
500			
6			
3			
A2 / V-0			



KEMA 99ATEX4677 U

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 0.6 x 3.5

Flexible conductor 2,5 mm² is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZPE 2.5/4AN	100	1608660000

Type	Qty.	Order No.
ZDK 2.5/1.5PE	50	1690000000

Type	Width [mm]	Qty.	Order No.
ZAP/TW 3	2	50	1608800000

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDK2.5/1.5	1.5	20	1674730000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

ZTA 4	25	1688110000
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SD 0,6X3,5X100	10	9008330000
----------------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 2.5/1 WS	100	1614300000
ZRH 2.5/2 GR/V0	100	1614290000

ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

DEK 5 / WS 10/5

DEK 5 / WS 12/5

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

PE terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated cross-section	mm ²
Rated voltage for adjacent terminal	V
Rated impulse voltage for adjacent terminal	kV
Short-time current resistant	A
Pollution severity	
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information

Ordering data

Version

green/yellow Wemid

Information

Accessories

End plate

dark beige Wemid

End bracket

dark beige / beige

Test adapter

For testing of wired terminal strips
Standard version
With spigot

Screwdriver

w. cutting device "swifty set"
Standard version

Reducing sleeves

for conductors < 0.5 mm² / < AWG 20
for conductors < 1.0 mm² / < AWG 18

PEN-bridge

Insertable in distributor TN-S net between N- and PE-terminal

Marking systems (see large assortment in chapter M)

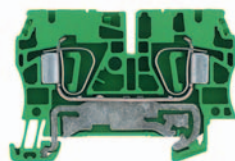
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

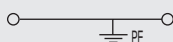
ZPE 4

4 mm²

Two connections



6 x 62 x 43.5
/ 6
0.13 ... 6



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
4	AWG 26 ... 10	AWG 26...10	4
800			
8			
3			
A4 / V-0			



KEMA 97ATEX2521 U

Rated connection

0.5...6 / 1.5...6
0.5...6 / 0.5...4

Additional connection

12 / 0.6 x 3.5

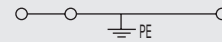
ZPE 4/3 AN

4 mm²

Three connections



6 x 83.5 x 43.5
/ 6
0.13 ... 6



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
4	AWG 26 ... 10	AWG 26...10	4
800			
8			
3			
A4 / V-0			



KEMA 00ATEX2107 U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4

Additional connection

12 / 0.6 x 3.5

Type	Qty.	Order No.
ZPE 4	100	1632080000

Type	Qty.	Order No.
ZPE 4/3AN	50	7904170000

Type	Width [mm]	Qty.	Order No.
ZAP/TW 4 DB	2	50	1632090000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000

SD 0,6X3,5X100	10	9008330000
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ZRH 4/1 WS	100	1636640000
ZRH 4/2	100	1636650000

DEK 6 / WS 12/6

DEK 6 / WS 12/6

Type	Width [mm]	Qty.	Order No.
ZAP/TW4/3AN	2	20	7904100000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 4/1 WS	100	1636640000
ZRH 4/2	100	1636650000

DEK 6 / WS 12/6

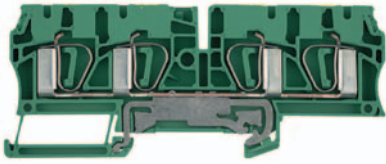
DEK 6 / WS 12/6

PE terminals

ZPE 4/4 AN

4 mm²

Four connections



6 x 104.35 x 43.5
/ 6
0.13 ... 6



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
4	AWG 26 ...10	AWG 26...10	4

800			
8			

3			
A4 / V-0			



KEMA 00ATEX2107 U

Rated connection	Additional connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...4	

12 / 0.6 x 3.5

Type	Qty.	Order No.
ZPE 4/4AN	50	7904280000

Type	Width [mm]	Qty.	Order No.
ZAP/TW4/4AN	2	20	7904210000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000

SD 0,6X3,5X100	10	9008330000
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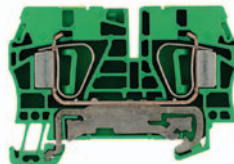
ZRH 4/1 WS	100	1636640000
ZRH 4/2	100	1636650000

DEK 6 / WS 12/6

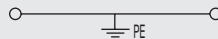
ZPE 6

6 mm²

Two connections



8 x 65 x 45.5
/ 10
0.21 ... 10



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
6	AWG 22 ...8	AWG 20...8	6

800			
8			

3			
A5 / V-0			



KEMA 97ATEX2521 U

Rated connection	Additional connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	

13 / 0.6 x 3.5

Type	Qty.	Order No.
ZPE 6	50	1608670000

Type	Width [mm]	Qty.	Order No.
ZAP/TW 5	2	50	1608830000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

ZTA 3 ZDU6	25	1654050000
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SD 1,0X5,5X150	10	9008350000
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DEK 8 / WS 12/6

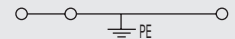
ZPE 6/3 AN

6 mm²

Three connections



8 x 90 x 45.6
/ 10
0.21 ... 10



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
6	AWG 22 ...8	AWG 20...8	6

800			
8			

3			
A5 / V-0			



KEMA 00ATEX2107 U

Rated connection	Additional connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	

13 / 0.6 x 3.5

Type	Qty.	Order No.
ZPE 6/3AN	50	7907400000

Type	Width [mm]	Qty.	Order No.
ZAP/TW6/3AN	2	20	7907370000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

ZTA 3 ZDU6	25	1654050000
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SD 1,0X5,5X150	10	9008350000
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DEK 8 / WS 12/6

PE terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated cross-section	mm ²
Rated voltage for adjacent terminal	V
Rated impulse voltage for adjacent terminal	kV
Short-time current resistant	A
Pollution severity	
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information

Ordering data

Version	green/yellow Wernid
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Information

Accessories

End plate	dark beige Wernid
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End bracket	dark beige / beige
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Test adapter

For testing of wired terminal strips	Standard version
	With spigot

Screwdriver

w. cutting device "swifty set"	
	Standard version



Reducing sleeves

for conductors < 0.5 mm² / < AWG 20
for conductors < 1.0 mm² / < AWG 18

PEN-bridge

Insertable in distributor TN-S net between N- and PE-terminal

Marking systems (see large assortment in chapter M)

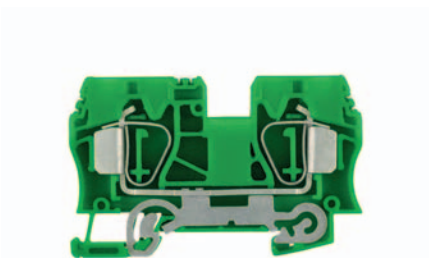
Tags	
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For detailed information on additional accessories and usage instructions see chapter accessories.

ZPE 10

10 mm²

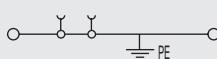
Two connections



10 x 73.5 x 50.5

/ 16

1.31 ... 16



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
10	AWG 16 ...6	AWG 16...6	10
		800	
		8	
		3	
	A6 / V-0		



KEMA 99ATEX5514 U

Rated connection

1.5...16 / 10...16

1.5...10 / 1.5...10

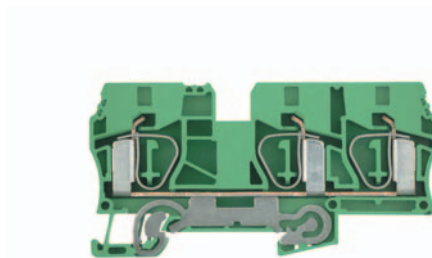
18 / 1.0 x 5.5

Additional connection

ZPE 10/3 AN

10 mm²

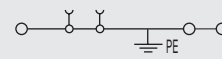
Three connections



10 x 99 x 50.5

/ 16

1.31 ... 16



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
10	AWG 16 ...6	AWG 16...6	10
		800	
		8	
		3	
	A6 / V-0		



KEMA 00ATEX2107 U

Rated connection

1.5...16 / 10...16

1.5...10 / 1.5...10

18 / 1.0 x 5.5

Additional connection

Type	Qty.	Order No.
ZPE 10	25	1746770000

Information

Type	Qty.	Order No.
ZPE 10/3AN	20	1767670000

Information

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDU10	2.7	20	1748660000

	Width [mm]		
ZEW	6	20	9540000000

Information

Type	Width [mm]	Qty.	Order No.
ZAP/TW 10/16	3	20	1749580000

	Width [mm]		
ZEW	6	20	9540000000

Information

Type	Qty.	Order No.
SD 1,0X5,5X150	10	9008350000

Information

Type	Qty.	Order No.
SD 1,0X5,5X150	10	9008350000

Information

DEK 5 / WS 12/6

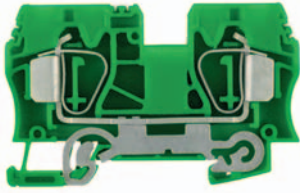
DEK 5 / WS 12/6

PE terminals

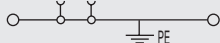
ZPE 16

16 mm²

Two connections



12 x 82.5 x 51.5
/ 25
1.5 ... 25



IEC 60947-7-2 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
16	AWG 14 ...4	AWG 14...4	16

800			
8			

3			
A7 / V-0			



KEMA 99ATEX5514 U

Rated connection	Additional connection
1.5...16 / 16...25	
1.5...16 / 1.5...16	

18 / 1.0 x 5.5

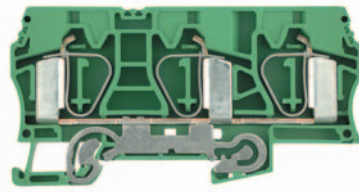
To keep up the current-carrying capacity of the mounting rail, the use of TS 35 x 15 is required.

Type	Qty.	Order No.
ZPE 16	25	1745250000

ZPE 16/3AN

16 mm²

Three connections



12 x 99 x 51.5
/ 25
1.5 ... 25



IEC 60947-7-2 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
16	AWG 14 ...4	AWG 14...4	16

800			
8			

3			
A7 / V-0			



KEMA 00ATEX2107 U

Rated connection	Additional connection
1.5...16 / 16...25	
1.5...16 / 1.5...16	

18 / 1.0 x 5.5

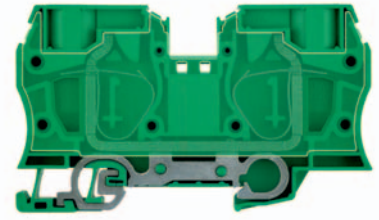
To keep up the current-carrying capacity of the mounting rail, the use of TS 35 x 15 is required.

Type	Qty.	Order No.
ZPE 16/3AN	20	1768310000

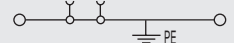
ZPE 35

35 mm²

Two connections



16 x 100.5 x 60
/ 35
2.5 ... 35



IEC 60947-7-2 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
35	AWG 12 ...2	AWG 12...2	35

800			
8			

3			
A8 / V-0			



KEMA 00ATEX2107 U

Rated connection	Additional connection
2.5...16 / 2.5...35	
2.5...35 / 2.5...35	

25 / 1.0 x 5.5

To keep up the current-carrying capacity of the mounting rail, the use of TS 35 x 15 is required.

Type	Qty.	Order No.
ZPE 35	10	1739650000

End plate is integrated.

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDU16	3	20	1745150000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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DEK 5 / WS 15/5

The pluggable cross-connections ZQV 16/2 (1739690000) can be used.

Type	Width [mm]	Qty.	Order No.
ZAP/TW 10/16	3	20	1749580000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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DEK 5 / WS 15/5

The pluggable cross-connections ZQV 16/2 (1739690000) can be used.

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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DEK 5 / WS 15/5

The pluggable cross-connections ZQV 35/2 (1739700000) can be used.

PE terminals

Roof-Style

The compact terminal family for conductor cross-section of 0.13 to 16 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage for adjacent terminal	V
Rated impulse voltage for adjacent terminal	kV
Short-time current resistant	A
Pollution severity	
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information

Ordering data

Version
green/yellow Wernid

Information

Accessories

End plate
dark beige Wernid

End bracket
dark beige / beige

Test adapter	
For testing of wired terminal strips	Standard version
	With spigot

Screwdriver	
w. cutting device "swifty set"	
	Standard version

Reducing sleeves
for conductors < 0.5 mm ² / < AWG 20
for conductors < 1.0 mm ² / < AWG 18

PEN-bridge
Insertable in distributor TN-S net between N- and PE-terminal

Marking systems (see large assortment in chapter M)
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZPE 2.5-2

2.5 mm²

Two connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5

IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...14	
	800		
	8		
	3		
	A2 / V-0		



Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

Flexible conductor 2,5 mm² is crimped with the Weidmüller-crimping tool PZ 6/5.

ZPE 2.5-2/3AN

2.5 mm²

Three connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5

IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...14	2.5
	800		
	8		
	3		
	A2 / V-0		



KEMA 97ATEX4677 U

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

Flexible conductor 2,5 mm² is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZPE 2.5-2	100	1772090000

Information

Type	Qty.	Order No.
ZPE 2.5-2/3AN	100	1706090000

Information

Type	Width [mm]	Qty.	Order No.
ZAP/TW7	2.5	50	1706110000

Width [mm]	Qty.	Order No.	
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 4	25	1688110000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

Type	Qty.	Order No.

Type	Qty.	Order No.
DEK 5 / WS 14/5		

Type	Width [mm]	Qty.	Order No.
ZAP/TW7	2.5	50	1706110000

Width [mm]	Qty.	Order No.	
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 4	25	1688110000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

Type	Qty.	Order No.

Type	Qty.	Order No.
DEK 5 / WS 14/5		

PE terminals

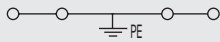
ZPE 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...14	2.5
800			
8			
3			
A2 / V-0			

KEMA 97ATEX4677 U

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	

10 / 0.6 x 3.5

Flexible conductor 2,5 mm² is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZPE 2.5-2/4AN	100	1706100000

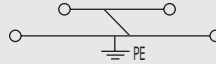
ZDK 2.5-2 PE

2.5 mm²

Four connections



5.1 x 72.5 x 56
/ 2.5
0.13 ... 2.5



IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	
800			
8			
3			
A2 / V-0			

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	

10 / 0.6 x 3.5

Flexible conductor 2,5 mm² is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDK 2.5-2PE	50	1791010000

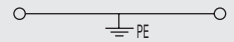
ZPE 4-2/2AN

4 mm²

Two connections



6.1 x 61.5 x 46
/ 6
0.13 ... 6



IEC 60947-7-2

IEC	UL	CSA	EN 50019
4	AWG 26 ...10	AWG 26...10	
800			
8			
3			
A3 / V-0			

Rated connection	Additional connection
0.5...6	
0.5...4 / 0.5...4	

10 / 0.6 x 3.5

Type	Qty.	Order No.
ZPE 4-2/2AN	100	1770380000

Type	Width [mm]	Qty.	Order No.
ZAP/TW7	2.5	50	1706110000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Width [mm]	Qty.	Order No.
ZTA 4	25		1688110000

Type	Width [mm]	Qty.	Order No.
SD 0,6X3,5X100		10	9008330000

Type	Width [mm]	Qty.	Order No.
ZRH 1.5H/1		100	1678810000

Type	Width [mm]	Qty.	Order No.
ZRH 1.5H/2		100	1678800000

DEK 5 / WS 10/5

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDK2.5-2	2	20	1791050000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Width [mm]	Qty.	Order No.
ZTA 4	25		1688110000

Type	Width [mm]	Qty.	Order No.
SD 0,5X3,0X80		10	9008320000

Type	Width [mm]	Qty.	Order No.
ZRH 1.5H/1		100	1678810000

Type	Width [mm]	Qty.	Order No.
ZRH 1.5H/2		100	1678800000

DEK 5 / WS 10/5

Type	Width [mm]	Qty.	Order No.
ZAP ZDU4-2	2	50	1770400000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Width [mm]	Qty.	Order No.
ZTA 6/ZA	25		1780660000

Type	Width [mm]	Qty.	Order No.
SD 0,6X3,5X100		10	9008330000

DEK 6 / WS 12/6

PE terminals

Roof-Style

The compact terminal family for conductor cross-sections of 0.13 to 16 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage for adjacent terminal	V
Rated impulse voltage for adjacent terminal	kV
Short-time current resistant	A
Pollution severity	A
Plug gauge IEC 60-947-1 / flammability class acc. UL94 Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information

Ordering data

Version	
green/yellow Wemid	

Information

Accessories

End plate	
dark beige Wemid	

End bracket	
dark beige / beige	

Test adapter	
For testing of wired terminal strips	Standard version
	With spigot

Screwdriver	
w. cutting device "swifty set"	
	Standard version

Reducing sleeves	
for conductors < 0.5 mm ² / < AWG 20	
for conductors < 1.0 mm ² / < AWG 18	

PEN-bridge	
Insertable in distributor TN-S net between N- and PE-terminal	

Marking systems	(see large assortment in chapter M)
Tags	

For detailed information on additional accessories and usage instructions see chapter accessories.

ZPE 4-2/3AN

4 mm²

Three connections



6.1 x 61.5 x 46
/ 6
0.13 ... 6



IEC 60947-7-2

IEC	UL	CSA	EN 50019
4	AWG 26 ...10	AWG 26...10	
	800		
	8		
	3		
	A3 / V-0		



Rated connection	Additional connection
0.5...6	
0.5...4 / 0.5...4	
10 / 0.6 x 3.5	

ZPE 4-2/4 AN

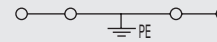
4 mm²

Four connections



n

6.1 x 75.5 x 46
/ 6
0.13 ... 6



IEC 60947-7-2

IEC	UL	CSA	EN 50019
4	AWG 26 ...10	AWG 26...10	
	800		
	8		
	3		
	A3 / V-0		



Rated connection	Additional connection
0.5...6	
0.5...4 / 0.5...4	
10 / 0.6 x 3.5	

Type	Qty.	Order No.
ZPE 4-2/3AN	100	1770390000

Information	

Type	Qty.	Order No.
ZPE 4-2/4AN	100	1807090000

Information	

Type	Width [mm]	Qty.	Order No.
ZAP ZDU4-2	2	50	1770400000

Width [mm]	Qty.	Order No.	
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 6/ZA	25	1780660000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
ZRH 4/1 WS	100	1636640000
ZRH 4/2	100	1636650000

Type	

Type	
DEK 6 / WS 12/6	

Type	Width [mm]	Qty.	Order No.
ZAP ZDU4-2/4AN	2	50	1807010000

Width [mm]	Qty.	Order No.	
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 6/ZA	25	1780660000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
ZRH 4/1 WS	100	1636640000
ZRH 4/2	100	1636650000

Type	

Type	
DEK 5 / WS 12/6	

PE terminals

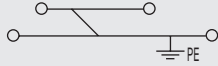
ZDK 4-2 PE

4 mm²

Four connections



6.1 x 77.6 x 61
/ 6
0.08 ... 6



IEC 60947-7-2

IEC	UL	CSA	EN 50019
4	AWG 26 ...10	AWG 26...10	
		800	
		8	
		3	
	A3 / V-0		

Rated connection	Additional connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	

10 / 3.5 x 0.6

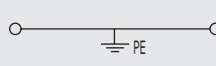
ZPE 6-2/2AN

6 mm²

Two connections



8.1 x 68 x 50
/ 10
0.33 ... 10



IEC 60947-7-2

IEC	UL	CSA	EN 50019
6	AWG 22 ...8	AWG 20...8	
		800	
		8	
		3	
	A5 / V-0		



Rated connection	Additional connection
0.5...10	
0.5...10 / 0.5...6	

12 / 0.6 x 3.5

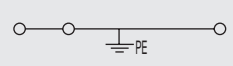
ZPE 6-2/3AN

6 mm²

Three connections



8.1 x 68 x 50
/ 10
0.33 ... 10



IEC 60947-7-2

IEC	UL	CSA	EN 50019
6	AWG 22 ...8	AWG 20...8	
		800	
		8	
		3	
	A5 / V-0		



Rated connection	Additional connection
0.5...10	
0.5...10 / 0.5...6	

12 / 0.6 x 3.5

Type	Qty.	Order No.
ZDK 4-2 PE	50	8671050000

Type	Qty.	Order No.
ZPE 6-2/2AN	50	1771370000

Type	Qty.	Order No.
ZPE 6-2/3AN	50	1771360000

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDK 4-2	2	50	8670760000

Type	Width [mm]	Qty.	Order No.
ZAP ZDU6-2	2.5	50	1771440000

Type	Width [mm]	Qty.	Order No.
ZAP ZDU6-2	2.5	50	1771440000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 6/ZA	25	1780660000

Type	Qty.	Order No.
ZTA 7/ZA	25	1780670000

Type	Qty.	Order No.
ZTA 7/ZA	25	1780670000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
SD 0,8X4,0X100	10	9008340000

DEK 6

DEK 8

DEK 8

PE terminals

Roof-Style

The compact terminal family for conductor cross-sections of 0.13 to 16 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

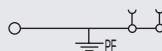
ZPE 16-2/1AN

16 mm²

PE - distribution terminal



12 x 65 x 51.5
/ 25
1.5 ... 25



Technical data

Rated data

Rated cross-section	mm ²
Rated voltage for adjacent terminal	V
Rated impulse voltage for adjacent terminal	kV
Short-time current resistant	A
Pollution severity	
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information

IEC 60947-7-2

IEC	UL	CSA	EN 50019
16	AWG 14 ...4	AWG 14...4	
		800	
		8	
		3	
		A7 / V-0	

Rated connection

1.5...10 / 16...25
1.5...16 / 1.5...16

Additional connection

18 / 1.0 x 5.5

Rated voltage is reduced to 400V resp. the rated voltage of the distribution terminals.

Ordering data

Version

green/yellow Wemid

Information

Type

ZPE 16-2/1AN

Qty.

20

Order No.

1772960000

Accessories

End plate

dark beige Wemid

End bracket

dark beige / beige

Test adapter

For testing of wired terminal strips

Standard version

With spigot

Screwdriver

w. cutting device "swifty set"

Standard version



Reducing sleeves

for conductors < 0.5 mm² / < AWG 20for conductors < 1.0 mm² / < AWG 18

PEN-bridge

Insertable in distributor TN-S net between N- and PE-terminal

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

Type

ZAP/ZDU 16-2/1AN

Width [mm]

2.5

Qty.

20

Order No.

1772970000

Width [mm]

ZEW

6

20

954000000

SD 1,0X5,5X150

10

9008350000

DEK 8

The pluggable cross-connections ZQV 2.5/..., ZQV 4/..., and ZQV 6/... can be used.

Disconnect terminals

Standard model

Z- standard families offer solutions for conductor cross-sections of 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage feed through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length/ blade size	mm / -

2 clampable conductors of equal cross-section	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²


Information

Ordering data

Version	
	dark beige Wernid
	blue Wernid
	Without disconnecter, dark beige Wernid

Information

Accessories


Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / partition	
End plate	dark beige Wernid
	blue Wernid
Partition	dark beige Wernid

End bracket	
	dark beige / beige

Screwdriver	
	w. cutting device "swifty set"
	Standard version

Holder for fuse cartridges 5 x 20mm	
	400V ac/dc. without LED
	10 - 36V ac/dc. red LED
	140 - 250V ac/dc. red LED

Diode plug (up to 250V)	
	Polarity when insert on terminal
	(WSD 2.5) Without special components

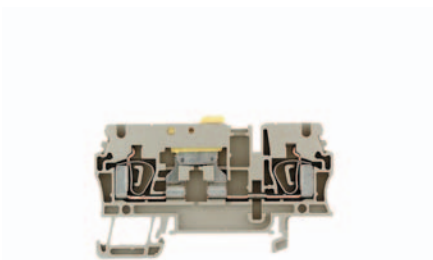
Marking systems (see large assortment in chapter M)	
	Tags

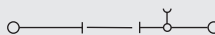
For detailed information on additional accessories and usage instructions see chapter accessories.

ZTR 2.5

2.5 mm²

Two connections



5.1 x 68.5 x 41.5	
/ 4	
0.13 ... 4	

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
400	300	300	
18	10	15	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A3 / V-0	



Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5	

Information

Type	Qty.	Order No.
ZTR 2.5	100	1608680000
ZTR 2.5 BL	100	1608690000
ZTR 2.5/O.TNHE	100	1608700000

Information

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

Width [mm]	
ZAP/TW 2 DB	2 50
ZAP/TW 2 BL	2 50

Width [mm]	
ZEW	6 20

Width [mm]	
SD 0,6X3,5X100	10

Type	Current [A]	Qty.	Order No.
SIHA 1/G20	25	25	9537550000
SIHA 1/G20 10-36V	25	25	9537560000
SIHA 1/G20 140-250V	25	25	9537590000

Type	Current [A]	Qty.	Order No.
WSD 2.5/D+/- WTR2.5	25	25	1058460000
WSD 2.5/D-/+ WTR2.5	25	25	1058560000

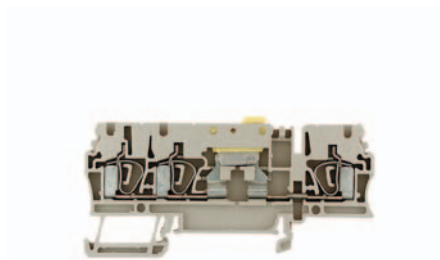
Width [mm]	
DEK 5 / WS 10/5	

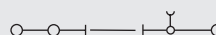
If the isolating lever is replaced by the SIHA 1, it becomes a fuse terminal.

ZTR 2.5/3AN

2.5 mm²

Three connections



5.1 x 83.5 x 41.5	
/ 4	
0.13 ... 4	

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
400	300	300	
16	10	15	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A3 / V-0	



Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5	

Information

Type	Qty.	Order No.
ZTR 2.5/3AN	50	1668300000
ZTR 2.5/3AN BL	50	1670300000
ZTR 2.5/3AN/O.TNHE	50	1670310000

Information

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

Width [mm]	
ZAP/TW 3	2 50
ZAP/TW 3 BL	2 50

Width [mm]	
ZEW	6 20

Width [mm]	
SD 0,6X3,5X100	10

Type	Current [A]	Qty.	Order No.
SIHA 1/G20	25	25	9537550000
SIHA 1/G20 10-36V	25	25	9537560000
SIHA 1/G20 140-250V	25	25	9537590000

Type	Current [A]	Qty.	Order No.
WSD 2.5/D+/- WTR2.5	25	25	1058460000
WSD 2.5/D-/+ WTR2.5	25	25	1058560000

Width [mm]	
DEK 5 / WS 10/5	

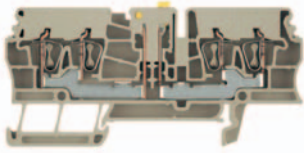
If the isolating lever is replaced by the SIHA 1, it becomes a fuse terminal.

Disconnect terminals

ZTR 2.5 /4AN

2.5 mm²

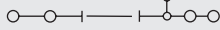
Four connections



5.1 x 82.5 x 39.1

/ 2.5

0.13 ... 2.5



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
400	300	300	
16	10	10	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A2 / V-0		



Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZTR 2.5/4AN	100	7920900000
ZTR 2.5/4AN BL	100	7920930000
ZTR 2.5/4AN/O TNHE	100	7920950000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

Width [mm]

ZAP/TW 3	2	50	1608800000
ZAP/TW 3 BL	2	50	1608810000

Width [mm]

ZEW	6	20	9540000000
-----	---	----	------------

SD 0,6X3,5X100	10	9008330000
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SIHA 3/G20	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921560000
SIHA 3/G20/LD 140-250v	25	7921560000

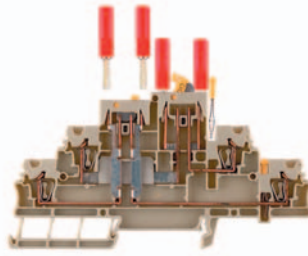
DEK 5 / WS 10/5

If the isolating lever is replaced by the SIHA 3, it becomes a fuse terminal.

ZDTR 2.5

2.5 mm²

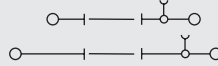
Four connections



5.1 x 117 x 63

/ 4

0.13 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
400	300	300	
16	10	10	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A2 / V-0		

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDTR 2.5	20	1745400000
ZDTR 2.5 BL	20	1798330000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000

Width [mm]

AP ZDTR2.5	1.5	20	1745420000
AP ZDTR2.5 BL	1.5	20	1798340000

Width [mm]

ZEW	6	20	9540000000
-----	---	----	------------

SD 0,6X3,5X100	10	9008330000
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SIHA 2/G20	25	9537600000
SIHA 2/G20 10-36V	25	9537610000
SIHA 2/G20 140-250V	25	9537640000

DEK 5

If the isolating lever is replaced by the SIHA 2, it becomes a fuse terminal.

Disconnect terminals

Roof-Style

The compact terminal family for conductor cross-sections of 0.13 to 16 mm².

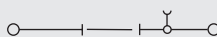
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

ZTR 2.5-2

2.5 mm²

Two connections


5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5


Technical data

Rated data

Rated voltage feed through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length/ blade size	mm / -

2 clampable conductors of equal cross-section

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
400	300	300	
10	10	10	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A2 / V-0	



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

Ordering data

Version

dark beige Wernid
blue Wernid
Without disconnecter, dark beige Wernid

Information

Type	Qty.	Order No.
ZTR 2.5-2	100	1779010000
ZTR 2.5-2 BL	100	1779120000
ZTR 2.5-2/O.TNHE	100	1779020000

Accessories

Cross-connection, pluggable



(ZQV 2.5N/4)

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

End plate / partition

End plate	dark beige Wernid
	blue Wernid
Partition	dark beige Wernid

End bracket

dark beige / beige

Screwdriver

 w. cutting device "swifty set"
Standard version


Holder for fuse cartridges 5 x 20mm

 400V ac/dc. without LED
10 - 36V ac/dc. red LED
140 - 250V ac/dc. red LED

Type	Width [mm]	Qty.	Order No.
ZAP/TW7	2.5	50	1706110000
ZAP/TW7 BL	2.5	50	1706120000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
SIHA 2/G20	25	9537600000
SIHA 2/G20 10-36V	25	9537610000
SIHA 2/G20 140-250V	25	9537640000

Diode plug (up to 250V)

 Polarity when
insert on terminal
(WSD 2.5) Without special components


Marking systems (see large assortment in chapter M)

Tags

DEK 5 / WS 14/5

For detailed information on additional accessories and usage instructions see chapter accessories.

If the isolating lever is replaced by the SIHA 2, it becomes a fuse terminal.

Fuse terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage for adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²


Information	
	Flexible conductor 2,5 mm ² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Ordering data

Version	
dark beige Wemid	400V ac/dc. without LED
	10-36V ac/dc. with LED
	30-70V ac/dc. with LED
	60-150V ac/dc. with LED
	140-250V ac/dc. with LED

Information	
	For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Accessories

Cross-connection (pluggable)	
	2-pole
	3-pole
	4-pole
	10-pole

(ZQV 2.5N/4)

End plate / partition (behind last terminal)	
	End plate, dark beige Wemid
	Partition, dark beige Wemid

Screwdriver	
	w. cutting device "swifty set"
	Standard version

G-fuse cartridge 5 x 20mm (IEC 60127-2)	
Rated voltage 250V	0.25A quick
Rated switch-off capacity 1500A	0.5A quick
(at 250V / 50Hz / cos j = 0.7)	1A quick
	2A quick

G25 with indicator / Inch fuse	
G25 (DIN 41 576 / 250V)	0.5A medium-slow
Rated voltage 250V	1A medium-slow
Inch fuse 1/4 x 1 1/4	2A quick
Rated voltage 440V	4A quick

Marking systems (see large assortment in chapter M)	
	Tags

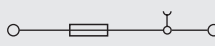
For detailed information on additional accessories and usage instructions see chapter accessories.

ZSI 2.5

2.5 mm²

For metric fuses 5 x 20



7.9 x 79.5 x 74	
/ 4	
0.13 ... 4	

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500	600	600	
6.3	10	15	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A3 / V-0	



Rated connection	Additional connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5	

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZSI 2.5	50	1616400000
ZSI 2.5/LD 28AC	50	1616440000
ZSI 2.5/LD 60AC	50	1616430000
ZSI 2.5/LD 120AC	50	1616420000
ZSI 2.5/LD 250AC	50	1616410000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000

Width [mm]			
ZAP/TW 3	2	50	1608800000

SD 0,6X3,5X100	10	9008330000
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G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/2A/F	10	0430900000

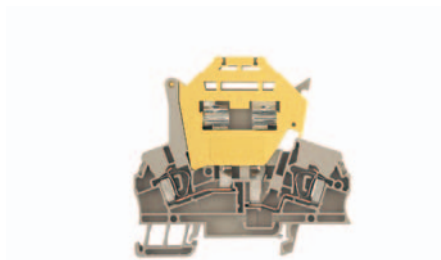
DEK 5 / WS 10/5		
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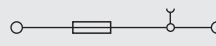
Status indication via bidirectional LED.

ZSI 2.5/5x25

2.5 mm²

For metric fuses 5 x 25



7.9 x 79.5 x 74	
/ 4	
0.13 ... 4	

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500			
6.3			
2.5			
		6 / 3	
		A3 / V-0	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZSI 2.5/5X25	50	1730900000
ZSI 2.5/5X25/QV	50	1790540000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000

Width [mm]			
ZAP/TW 3	2	50	1608800000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

G 25/0.5A/M WS	10	0510300000
G 25/1A/M RT	10	0265800000
G 25/2A/F BL	10	0192700000
G 25/4A/F BR	10	0192800000

DEK 5 / WS 10/5		
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Fuse terminals

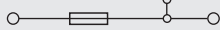
ZSI 2.5/2

2.5 mm²

For imperial fuses



7.9 x 79.5 x 74
/ 4
0.13 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500	600	600	
12	16	15	
2.5	AWG 26 ...12	AWG 26...12	
6 / 3			
A3 / V-0			



Rated connection

0.5...4
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZSI 2.5/2 500AC	10	1616460000
ZSI 2.5/2/LD 28AC	10	1616470000
ZSI 2.5/2/LD 60AC	10	1616480000
ZSI 2.5/2/LD 120AC	10	1616490000
ZSI 2.5/2/LD 250AC	10	1616500000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQS 2.5/2	20	20	1633200000
ZQS 2.5/3	20	20	1633210000
ZQS 2.5/4	20	20	1633220000

Width [mm]

SD 0,6X3,5X100 10 9008330000

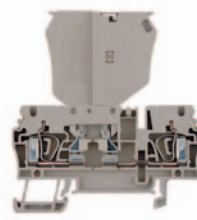
DEK 5 / WS 10/5

Status indication via bidirectional LED. Usage of metric fuse cartridges.

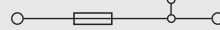
ZTR 2.5/SI

2.5 mm²

For metric fuses 5 x 20



5.1 x 68.5 x 73
/ 4
0.13 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
400	300	300	
6.3	10	10	
2.5	AWG 26 ...12	AWG 26...12	
6 / 3			
A3 / V-0			



Rated connection

0.5...4
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZTR 2.5/SI	25	1763990000
ZTR 2.5/SI LD 36V	25	1764000000
ZTR 2.5/SI LD 70V	25	1764010000
ZTR 2.5/SI LD 150V	25	1764020000
ZTR 2.5/SI LD 250V	25	1764030000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000

Width [mm]

ZAP/TW 2 DB 2 50 1608770000

SD 0,6X3,5X100 10 9008330000

G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/2A/F	10	0430900000

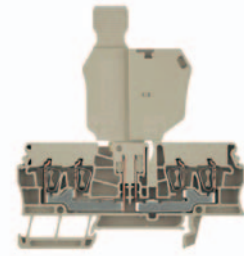
DEK 5

Status indication via bidirectional LED.

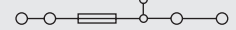
ZTR 2.5/4 AN SI

2.5 mm²

For metric fuses 5 x 20



5.1 x 82.5 x 89
/ 2.5
0.13 ... 2.5



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
400			
6.3			
2.5			
6 / 3			
A2 / V-0			



Rated connection

0.5...2.5
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZTR 2.5/4AN SI	25	1820960000
ZTR 2.5/4AN SI LD 36V	25	1820970000
ZTR 2.5/4AN SI LD 70V	25	1820980000
ZTR 2.5/4AN SI LD 150V	25	1820990000
ZTR 2.5/4AN SI LD 250V	25	1821010000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000

Width [mm]

ZAP/TW 3 2 50 1608800000

SD 0,6X3,5X100 10 9008330000

G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/2A/F	10	0430900000

DEK 5 / WS 10/5

Status indication via bidirectional LED.

Fuse terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage for adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²


Information	
Flexible conductor 2,5 mm ² with ferrule is crimped with the Weidmüller-crimping tool PZ 6/5.	

Ordering data

Version	
dark beige Wemid	400V ac/dc, without LED
	10-36V ac/dc, with LED
	30-70V ac/dc, with LED
	60-150V ac/dc, with LED
	140-250V ac/dc, with LED

Information	
For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.	

Accessories

Cross-connection (pluggable)	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / partition (behind last terminal)	
	End plate, dark beige Wemid
	Partition, dark beige Wemid

Screwdriver	
	w. cutting device "swifty set"
	Standard version

G-fuse cartridge 5 x 20mm (IEC 60127-2)	
Rated voltage 250V	0.25A quick
Rated switch-off capacity 1500A	0.5A quick
(at 250V / 50Hz / cos j = 0.7)	1A quick
	2A quick

G25 with indicator / Inch fuse	
G25 (DIN 41 576 / 250V)	0.5A medium-slow
Rated voltage 250V	1A medium-slow
Inch fuse 1/4 x 1 1/4	2A quick
Rated voltage 440V	4A quick

Marking systems (see large assortment in chapter M)	
Tags	DEK 5

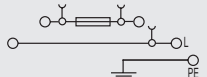
For detailed information on additional accessories and usage instructions see chapter accessories.

ZDL 2.5/SI/DU/PE

2.5 mm²

For metric fuses 5 x 20



5.1 x 95 x 98	
/ 4	
0.13 ... 4	

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
400			
6.3			
2.5			
	6 / 3		
	A3 / V-0		

Rated connection		Additional connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5			

Information	
Flexible conductor 2,5 mm ² with ferrule is crimped with the Weidmüller-crimping tool PZ 6/5.	

Type	Qty.	Order No.
ZDL 2.5/SI/DU/PE	25	1763170000
ZDL 2.5/SI/DU/PE LD 36V	25	1763190000
ZDL 2.5/SI/DU/PE LD 70V	25	1763200000
ZDL 2.5/SI/DU/PE LD150V	25	1763210000
ZDL 2.5/SI/DU/PE LD250V	25	1763220000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000

Width [mm]	
ZAP ZDL2.5	1.5 20

SD 0,6X3,5X100	10	9008330000
----------------	----	-------------------

G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/2A/F	10	0430900000

Marking systems (see large assortment in chapter M)	
Tags	DEK 5

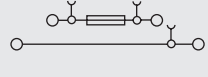
Status indication via bidirectional LED.
The usage of cross-connections is not possible in the upper level.

ZDL 2.5/SI/DU

2.5 mm²

For metric fuses 5 x 20



5.1 x 95 x 98	
/ 4	
0.13 ... 4	

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
400	300	300	
6.3	10	10	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A3 / V-0		

Rated connection		Additional connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5			

Information	
Flexible conductor 2,5 mm ² with ferrule is crimped with the Weidmüller-crimping tool PZ 6/5.	

Type	Qty.	Order No.
ZDL 2.5/SI/DU	25	1763180000
ZDL 2.5/SI/DU LD 36V	25	1763230000
ZDL 2.5/SI/DU LD 70V	25	1763240000
ZDL 2.5/SI/DU LD 150V	25	1763250000
ZDL 2.5/SI/DU LD 250V	25	1763260000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000

Width [mm]	
ZAP ZDL2.5	1.5 20

SD 0,6X3,5X100	10	9008330000
----------------	----	-------------------

G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/2A/F	10	0430900000

Marking systems (see large assortment in chapter M)	
Tags	DEK 5

Status indication via bidirectional LED.
The usage of cross-connections is not possible in the upper level.

Fuse terminals

Roof-Style

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage for adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information


Ordering data

Version	
dark beige Wemid	400V ac/dc. without LED 10-36V ac/dc. with LED
	30-70V ac/dc. with LED 60-150V ac/dc. with LED 140-250V ac/dc. with LED

Information

Accessories

Cross-connection (pluggable)

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

(ZQV 2.5N/4)

End plate / partition (behind last terminal)

End plate, dark beige Wemid	
Partition, dark beige Wemid	

Screwdriver

	w. cutting device "swifty set"	
	Standard version	

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

Rated voltage 250V	0.25A quick	
Rated switch-off capacity 1500A	0.5A quick	
(at 250V / 50Hz / cos j = 0.7)	1A quick	
	2A quick	

G25 with indicator / Inch fuse

G25 (DIN 41 576 / 250V)	0.5A medium-slow	
Rated voltage 250V	1A medium-slow	
Inch fuse 1/4 x 1 1/4	2A quick	
Rated voltage 440V	4A quick	

Marking systems (see large assortment in chapter M)

Tags	
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For detailed information on additional accessories and usage instructions see chapter accessories.

ZTR 2.5-2/SI

2.5 mm²

For metric fuses 5 x 20



5.1 x 50.5 x 78

/ 2.5

0.08 ... 2.5



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
400	250	250	
6.3	10	10	
2.5	AWG 26 ... 12	AWG 26...12	
		6 / 3	
		A2 / V-0	



Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZTR 2.5-2/SI	25	1779030000
ZTR 2.5-2/SI LD 36V	25	1779040000
ZTR 2.5-2/SI LD 70V	25	1779050000
ZTR 2.5-2/SI LD 150V	25	1779060000
ZTR 2.5-2/SI LD 250V	25	1779070000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000

Width [mm]	
ZAP/TW7	2.5 50

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/2A/F	10	0430900000

DEK 5	
Status indication via bidirectional LED.	

ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 20 / 5 x 25



12.2 x 65 x 55

/ 4

0.08 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500			
10			
2.5			
		4 / 3	
		A3 / V-0	

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

The rated voltage of the fuse may not be exceeded.

Type	Qty.	Order No.
ZSI 2.5-2/2X2AN/G20	20	1826050000
ZSI 2.5-2/2X2AN/G20/GL	20	1826030000
ZSI 2.5-2/2X2AN/G25	20	1826200000
ZSI 2.5-2/2X2AN/G25/GL	20	1826090000

G 20 / G-fuse cartridge 5 x 20
G 25 / G-fuse cartridge 5 x 25

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000

Width [mm]	
ZAP ZDU6-2 SW	2.5 50

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

G 25/0.5A/M WS	10	0510300000
G 25/1A/M RT	10	0265800000
G 25/2A/F BL	10	0192700000
G 25/4A/F BR	10	0192800000

DEK 5 / WS 10/5	
Status indication via glow lamp.	

Fuse terminals

ZSI 6-2

6 mm²

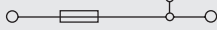
For metric fuses 5 x 20 / 5 x 25



12.2 x 65 x 55

/ 4

0.08 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500			
10			
6			
	4 / 3		
	A3 / V-0		

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 4.0 x 0.8

The rated voltage of the fuse may not be exceeded.

Type	Qty.	Order No.
ZSI 6-2 2X2.5/G20	20	1820930000
ZSI 6-2 2X2.5/G20/GL	20	1820860000
ZSI 6-2 2X2.5/G25	20	1820950000
ZSI 6-2 2X2.5/G25/GL	20	1820940000

G 20 / G-fuse cartridge 5 x 20
G 25 / G-fuse cartridge 5 x 25

ZSI 6-2/FC

6 mm²

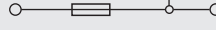
For car-fuse



8.1 x 70 x 54.5

/ 10

0.21 ... 10



IEC 60947-7-3 / DIN 72581-3

IEC	UL	CSA	EN 50019
250			
30			
6			
	6 / 3		
	A5 / V-0		



Rated connection

0.5...10

0.5...10 / 0.5...6

10 / 4.0 x 0.8

Use large conductor cross-sections for a better lead off of the thermic power loss.

Type	Qty.	Order No.
ZSI 6-2/FC	25	1814690000
ZSI 6-2/FC LD	25	1814700000

Continuous current at fuse max. 80 % IN For fuse cartridge holder the rated voltage is 250V, and the rated impuls voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000

Width [mm]

Type	Width [mm]	Qty.	Order No.
ZAP ZDU6-2 SW	2.5	50	1814710000

SD 0,8X4,0X100	10	9008340000
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G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/2A/F	10	0430900000

G 25/0.5A/M WS	10	0510300000
G 25/1A/M RT	10	0265800000
G 25/2A/F BL	10	0192700000
G 25/4A/F BR	10	0192800000

DEK 5 / WS 10/5

Status indication via glow lamp.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000

Width [mm]

Type	Width [mm]	Qty.	Order No.
ZAP ZDU6-2 SW	2.5	50	1814710000

SD 0,8X4,0X100	10	9008340000
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DEK 6 / WS 12/6

Status indication via bidirectional LED. Usage of Puden-z-fuses

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Installation terminals

Feed-through terminal for 10x3 bus-bar

Neutral cross-connection with busbar-system 10 x 3 mm.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -
Tightening torque range (clamping screw)	Nm

Information

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Information

Accessories

Cross-connection	
(ZQV 2.5N/4 - pluggable) (Q3 - screwable)	



2-pole	
3-pole	
4-pole	
10-pole	
30-/41-/50-pole	

End plate / partition

dark beige Wemid	
blue Wemid	

Holding plate for 10 x 3



blue Wemid	
for vertical mounting position	

End bracket

dark beige	
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Screwdriver

w. cutting device "swifty set"	
Standard version	

Busbar 10 x 3

Lower edge busbar to upper edge TS35 = 25.5mm

Tension clamp for feeding 10 x 3 busbars



(ZB16)

Rigid / flexible 0.5 - 6 / 4mm ²	
Rigid / flexible 6 - 16mm ²	
flexible 16 - 35mm ²	

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

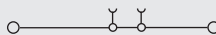
ZDU 2.5 S

2.5 mm²

Two connections



5.1 x 61 x 44	
/ 4	
0.08 ... 4	



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400			
24			
2.5			
	6 / 3		
	A2 / V-0		

Rated connection

0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5	

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

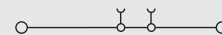
ZDU 4 S

4 mm²

Two connections



6.1 x 64.2 x 45.2	
/ 6	
0.5 ... 6	



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400			
32			
4			
	6 / 3		
	A2 / V-0		

Rated connection

0.5...6	
0.5...4 / 0.5...4	
10 / 0.6 x 3.5	

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 2.5 S	100	1808010000
ZDU 2.5 S BL	100	1808020000

Maximum distance between ZHP to ZHP is 200mm.

Type	Qty.	Order No.
ZDU 4 S	100	1808360000
ZDU 4 S BL	100	1808370000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]

ZAP ZDU 2.5 S	2	20	1808030000
ZAP ZDU 2.5 S BL	2	20	1808040000

Width [mm]

ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

Width [mm]

ZEW	6	20	9540000000
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SD 1,0X5,5X150	10	9008350000
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Width [mm]

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Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]

ZAP ZDU 4 S	2	20	1808380000
ZAP ZDU 4 S BL	2	20	1808390000

Width [mm]

ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

Width [mm]

ZEW	6	20	9540000000
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SD 0,6X3,5X100	10	9008330000
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Width [mm]

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DEK 5 / WS 10/5

DEK 5 / WS 10/6

Installation terminals

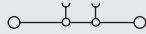
ZDU 6S

6 mm²

Two connections



8.1 x 64.2 x 49.2
/ 10
0.5 ... 10



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400			
41			
6			
	6 / 3		
	A5 / V-0		

Rated connection

0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 6 S	100	1808230000
ZDU 6 S BL	100	1808240000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Width [mm]			
ZAP ZDU 6 S	2	20	1808250000
ZAP ZDU 6 S BL	2	20	1808260000

Width [mm]			
ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

Width [mm]			
ZEW	6	20	9540000000

SD 0,8X4,0X100	10	9008340000
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Width [mm]			
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DEK 8 / WS 10/6

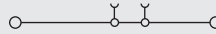
ZDU 10/S

10 mm²

Two connections



10 x 86.5 x 48.5
76 / 16
1.5 ... 16



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
57	60	55	
10	AWG 16 ...6	AWG 16...6	
	6 / 3		
	A6 / V-0		



Rated connection

1.5...10 / 1.5...16
1.5...10 / 1.5...10
18 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 10S	25	1739540000
ZDU 10S BL	25	1739550000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 10/2	57	25	1739680000

Width [mm]			
ZAP ZDU10/16S	2	20	1739660000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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Width [mm]			
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DEK 5

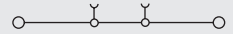
ZDU 16/S

16 mm²

Two connections



12 x 95 x 48.5
/ 25
1.5 ... 25



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
76	65	65	
16	AWG 14 ...4	AWG 14...4	
	6 / 3		
	A7 / V-0		



Rated connection

1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 16S	25	1739580000
ZDU 16S BL	25	1739590000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 16/2	76	25	1739690000

Width [mm]			
ZAP ZDU10/16S	2	20	1739660000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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Width [mm]			
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DEK 5

Installation terminals

Neutral disconnect terminals

Neutral cross-connection with busbar-system 10 x 3 mm.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -
Tightening torque range (clamping screw)	Nm

Information

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Information

Accessories

Cross-connection	
(ZQV 2.5N/4 - pluggable) (Q3 - screwable)	



End plate / partition	
	dark beige Wemid
	blue Wemid

Holding plate for 10 x 3	
	blue Wemid
	for vertical mounting position



End bracket	
	dark beige

Screwdriver	
	w. cutting device "swifty set"
	Standard version

Busbar 10 x 3	
	Lower edge busbar to upper edge TS35 = 25.5mm

Tension clamp for feeding 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4mm ²
	Rigid / flexible 6 - 16mm ²
	flexible 16 - 35mm ²



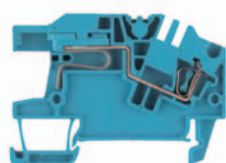
Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZNT 2.5 S

2.5 mm²

Two connections



5.1 x 61 x 44
/ 4
0.13 ... 4



VDE 0611-5

IEC	UL	CSA	EN 50019
250			
24			
2.5			
	4 / 3		
	A2 / V-0		

Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

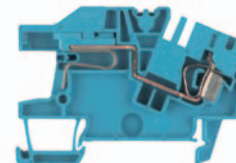
Type	Qty.	Order No.
ZNT 2.5 S	100	1808300000

Maximum distance between ZHP to ZHP is 200mm.

ZNT 4 S

4 mm²

Two connections



6.1 x 64.2 x 45.2
/ 6
0.5 ... 6



VDE 0611-5

IEC	UL	CSA	EN 50019
250			
32			
4			
	4 / 3		
	A2 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 4 S	100	1808310000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]	
ZAP ZDU 2.5 S	2 20 1808030000
ZAP ZDU 2.5 S BL	2 20 1808040000

Width [mm]	
ZHP S	3 20 1808290000
ZHP S SO	3 20 1808280000

Width [mm]	
ZEW	6 20 9540000000

SD 0,6X3,5X100	10	9008330000
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SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]	
ZB 4K BL	6.3 50 0475380000
ZB 16K BL	10 50 0502880000
ZB 35K BL M6X16	14 20 0502680000

DEK 5 / WS 10/5

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]	
ZAP ZDU 4 S	2 20 1808380000
ZAP ZDU 4 S BL	2 20 1808390000

Width [mm]	
ZHP S	3 20 1808290000
ZHP S SO	3 20 1808280000

Width [mm]	
ZEW	6 20 9540000000

SD 0,6X3,5X100	10	9008330000
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SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]	
ZB 4K BL	6.3 50 0475380000
ZB 16K BL	10 50 0502880000
ZB 35K BL M6X16	14 20 0502680000

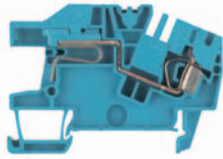
DEK 6 / WS 10/6

Installation terminals

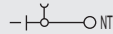
ZNT 6 S

6 mm²

Two connections



8.1 x 64.2 x 49.2
/ 10
0.5 ... 10



VDE 0611-5

IEC	UL	CSA	EN 50019
250			
41			
6			
	4 / 3		
	A5 / V-0		

Rated connection

0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 6 S	100	1808320000
Maximum distance between ZHP to ZHP is 200mm.		

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Width [mm]			
ZAP ZDU 6 S	2	20	1808250000
ZAP ZDU 6 S BL	2	20	1808260000

Width [mm]			
ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

Width [mm]			
ZEW	6	20	9540000000

SD 0,8X4,0X100	10	9008340000
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SSCH 10X3X1000 CU/SN	1	0348900000
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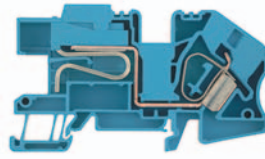
Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 8 / WS 10/6

ZNT 10 S

10 mm²

Two connections



10 x 86.5 x 50
/ 16
1.5 ... 16



VDE 0611-5

IEC	UL	CSA	EN 50019
400	600	600	
57	60	55	
10	AWG 16 ...6	AWG 16...6	
	6 / 3		
	A6 / V-0		

KEBA

Rated connection

1.5...10 / 1.5...16
1.5...10 / 1.5...10
18 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 10S	25	1739560000
Maximum distance between ZHP to ZHP is 200mm.		

Type	Current [A]	Qty.	Order No.
ZQV 16/2	76	25	1739690000

Width [mm]			
ZAP ZDU10/16S	2	20	1739660000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 5

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Installation terminals

Neutral disconnect terminals

Neutral cross-connection with busbar-system 10 x 3 mm.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -
Tightening torque range (clamping screw)	Nm

Information

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Information

Accessories

Cross-connection	
(ZQV 2.5N/4 - pluggable) (Q3 - screwable)	



2-pole	
3-pole	
4-pole	
10-pole	
30-/41-/50-pole	

End plate / partition

dark beige Wemid	
blue Wemid	

Holding plate for 10 x 3



blue Wemid	
for vertical mounting position	

End bracket

dark beige	
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Screwdriver

w. cutting device "swifty set"	
Standard version	

Busbar 10 x 3

Lower edge busbar to upper edge TS35 = 25.5mm

Tension clamp for feeding 10 x 3 busbars



(ZB16)

Rigid / flexible 0.5 - 6 / 4mm ²	
Rigid / flexible 6 - 16mm ²	
flexible 16 - 35mm ²	

Marking systems (see large assortment in chapter M)

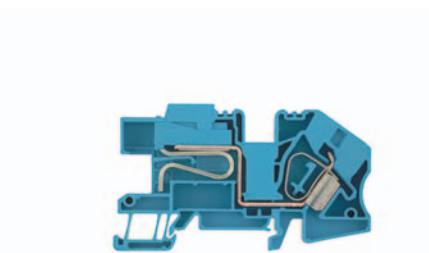
Tags	
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For detailed information on additional accessories and usage instructions see chapter accessories.

ZNT 16/S

16 mm²

Two connections



12 x 95 x 50
/ 25
1.5 ... 25



VDE 0611-5

IEC	UL	CSA	EN 50019
400	600	600	
76	65	65	
16	AWG 14 ...4	AWG 14...4	
		6 / 3	
		A7 / V-0	

Rated connection

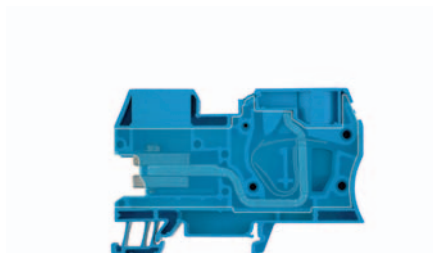
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

ZNT 35

35 mm²

Two connections



16 x 100.5 x 59
/ 35
2.5 ... 35



VDE 0611-5

IEC	UL	CSA	EN 50019
400	600	300	
125	120	120	
35	AWG 12 ...2	AWG 12...2	
		6 / 3	
		A8 / V-0	

Rated connection

2.5...10 / 16...35
2.5...35 / 2.5...35
25 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 16S	25	1739600000

Maximum distance between ZHP to ZHP is 200mm.

Type	Qty.	Order No.
ZNT 35	10	1739640000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 16/2	76	25	1739690000

Width [mm]			
ZAP ZDU10/16S	2	20	1739660000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35/M6X16	14	20	0266500000

DEK 5	
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Type	Current [A]	Qty.	Order No.

Width [mm]			

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
----------------	----	------------

SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 5	
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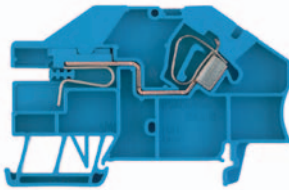
End plate is integrated.

Installation terminals

ZDU 4 NT

4 mm²

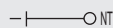
Modified busbar-location



6.1 x 76.3 x 49.5

/ 6

0.5 ... 6



VDE 0611-5

IEC	UL	CSA	EN 50019
250			
32			
4	AWG 26 ...10	AWG 26...10	
	4 / 3		
	A4 / V-0		

Rated connection

0.5...6

0.5...4 / 0.5...4

12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

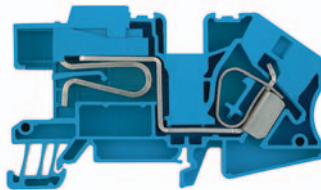
Type	Qty.	Order No.
ZDU 4/NT DB	50	1778080000
ZDU 4/NT	50	1757980000

Only for use with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZPE-variants.

ZDU 10 NT

10 mm²

Modified busbar-location



10 x 86.5 x 50

/ 16

1.5 ... 16



VDE 0611-5

IEC	UL	CSA	EN 50019
250			
57			
10			
	4 / 3		
	A6 / V-0		

Rated connection

1.5...10

1.5...16 / 1.5...10

18 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 10/NT	25	1762420000

Only for use with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZPE-variants.

Type	Current [A]	Qty.	Order No.
ZAP ZDU4/NT	1.5	20	1757970000
Width [mm]			
ZHP ZDU4/NT SO	5	20	1803890000
Width [mm]			
ZEW	6	20	9540000000
Width [mm]			
SD 0,6X3,5X100		10	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000
Width [mm]			
DEK 5 / WS 15/5			

Type	Current [A]	Qty.	Order No.
ZQV 10/2	57	25	1739680000
Width [mm]			
ZAP ZDU10/16S	2	20	1739660000
Width [mm]			
ZHP ZDU4/NT SO	5	20	1803890000
Width [mm]			
ZEW	6	20	9540000000
Width [mm]			
SD 1,0X5,5X150		10	9008350000
SSCH 10X3X1000 CU/SN		1	0348900000
Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000
Width [mm]			
DEK 5 / WS 12/5			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Installation terminals

PE terminal for 10x3 busbar

Neutral cross-connection with busbar-system 10 x 3 mm.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -
Tightening torque range (clamping screw)	Nm


Information

Ordering data

Version	
	dark beige Wemid blue Wemid

Information

Accessories

Cross-connection	
(ZQV 2.5N/4 - pluggable) (Q3 - screwable)	
	2-pole 3-pole 4-pole 10-pole 30-/41-/50-pole

End plate / partition	dark beige Wemid blue Wemid
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Holding plate for 10 x 3	blue Wemid for vertical mounting position
	

End bracket	dark beige
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Screwdriver	w. cutting device "swifty set" Standard version
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Busbar 10 x 3	Lower edge busbar to upper edge TS35 = 25.5mm
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Tension clamp for feeding 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4mm ² Rigid / flexible 6 - 16mm ² flexible 16 - 35mm ²
(ZB16)	

Marking systems (see large assortment in chapter M)	Tags
--	------

For detailed information on additional accessories and usage instructions see chapter accessories.

ZPE 2.5 S

2.5 mm²

Two connections



5.1 x 61 x 44	
/ 4	
0.13 ... 4	

IEC 60947-7-2

IEC	UL	CSA	EN 50019
400			
2.5			
	6 / 3		
	A2 / V-0		

Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5

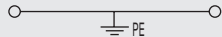
The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

ZPE 4 S

4 mm²

Two connections



6.1 x 64.2 x 45.2	
/ 6	
0.5 ... 6	

IEC 60947-7-2

IEC	UL	CSA	EN 50019
400			
4			
	6 / 3		
	A2 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZPE 2.5 S	100	1808330000

Maximum distance between ZHP to ZHP is 200mm.

Type	Qty.	Order No.
ZPE 4 S	100	1808340000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.

Width [mm]			
ZAP ZDU 2.5 S	2	20	1808030000

Width [mm]			
ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
SD 0,6X3,5X100		10	9008330000

Width [mm]			

Width [mm]			
DEK 5 / WS 10/5			

Type	Current [A]	Qty.	Order No.

Width [mm]			
ZAP ZDU 4 S	2	20	1808380000

Width [mm]			
ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
SD 0,6X3,5X100		10	9008330000

Width [mm]			

Width [mm]			
DEK 6 / WS 10/6			

Installation terminals

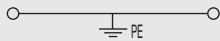
ZPE 6 S

6 mm²

Two connections



8.1 x 64.2 x 49.2
/ 10
0.5 ... 10



IEC 60947-7-2

IEC	UL	CSA	EN 50019
400			

6			
	6 / 3		
	A5 / V-0		

Rated connection

0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZPE 6 S	100	1808350000

Maximum distance between ZHP to ZHP is 200mm.

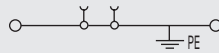
ZPE 10/S

10 mm²

Two connections



10 x 86.5 x 48.5
/ 16
1.5 ... 16



IEC 60947-7-2

IEC	UL	CSA	EN 50019
400			

10	AWG 16 ...6	AWG 16...6	
	6 / 3		
	A6 / V-0		



Rated connection

1.5...10 / 1.5...16
1.5...10 / 1.5...10
18 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

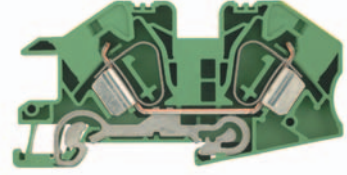
Type	Qty.	Order No.
ZPE 10S	25	1739570000

Maximum distance between ZHP to ZHP is 200mm.

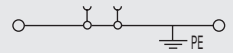
ZPE 16/S

16 mm²

Two connections



12 x 95 x 48
/ 25
1.5 ... 25



IEC 60947-7-2

IEC	UL	CSA	EN 50019
400			

16	AWG 14 ...4	AWG 14...4	
	6 / 3		
	A7 / V-0		



Rated connection

1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 5.5 x 1.0

To keep up the current-carrying capacity of the mounting rail, the use of TS 35 x 15 is required.

Type	Qty.	Order No.
ZPE 16S	25	1739610000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZAP ZDU 6 S		20	1808250000

Type	Width [mm]	Qty.	Order No.
ZAP ZDU 6 S	2	20	1808250000

Type	Width [mm]	Qty.	Order No.
ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
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Type	Width [mm]	Qty.	Order No.
DEK 8 / WS 10/6			

DEK 8 / WS 10/6

Type	Current [A]	Qty.	Order No.
ZQV 10/2	57	25	1739680000

Type	Width [mm]	Qty.	Order No.
ZAP ZDU10/16S	2	20	1739660000

Type	Width [mm]	Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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Type	Width [mm]	Qty.	Order No.
DEK 5			

DEK 5

Type	Current [A]	Qty.	Order No.
ZQV 16/2	76	25	1739690000

Type	Width [mm]	Qty.	Order No.
ZAP ZDU10/16S	2	20	1739660000

Type	Width [mm]	Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

SD 1,0X5,5X150	10	9008350000
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Type	Width [mm]	Qty.	Order No.
DEK 5			

DEK 5

Installation terminals

Distribution terminals with 10x3 bus-bar

Neutral cross-connection with busbar-system 10 x 3 mm.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

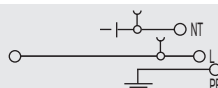
ZDL 2.5/S/NT/L/PE

2.5 mm²

Neutral conductor disconnection - phase - PE



5.1 x 95 x 48.5
/ 4
0.13 ... 4



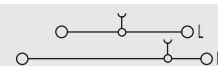
ZDL 2.5/S/L/L

2.5 mm²

Phase - phase



5.1 x 95 x 48.5
/ 4
0.13 ... 4



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -
Tightening torque range (clamping screw)	Nm

Information	
2,5 mm ² flexible conductor with farule is crimped with the Weidmüller-crimping tool PZ 6/5.	

IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
		4 / 3	
		A2 / V-0	

Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
8 / 0.6 x 3.5	

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A2 / V-0	

Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
8 / 0.6 x 3.5	

Information	
2,5 mm ² flexible conductor with farule is crimped with the Weidmüller-crimping tool PZ 6/5.	

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Information	
Maximum distance between ZHP to ZHP is 200mm.	

Type	Qty.	Order No.
ZDL 2.5S/NT/L/PE	50	1720750000

Information	
Maximum distance between ZHP to ZHP is 200mm.	

Type	Qty.	Order No.
ZDL 2.5 S/L/L	50	1720760000

Information	
Maximum distance between ZHP to ZHP is 200mm.	

Accessories

Cross-connection	
(ZQV 2.5N/4 - pluggable) (Q3 - screwable)	
	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole



End plate / partition	
	dark beige Wemid
	blue Wemid

Holding plate for 10 x 3	
	blue Wemid
	for vertical mounting position



End bracket	
	dark beige

Screwdriver	
	w. cutting device "swifty set"
	Standard version

Busbar 10 x 3	
	Lower edge busbar to upper edge TS35 = 25.5mm

Tension clamp for feeding 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4mm ²
	Rigid / flexible 6 - 16mm ²
	flexible 16 - 35mm ²



Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Width [mm]	
ZAP ZDL2.5	1.5 20 1720910000

Width [mm]	
ZHP ZDL2.5S BL	3 20 1720890000
ZHP Z/W SO	5 20 1781070000

Width [mm]	
ZEW	6 20 9540000000

SD 0,6X3,5X100	10	9008330000
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SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]	
ZB 4K BL	6.3 50 0475380000
ZB 16K BL	10 50 0502880000
ZB 35K BL M6X16	14 20 0502680000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Width [mm]	
ZAP ZDL2.5S	1.5 20 1720900000

Width [mm]	
ZHP ZDL2.5S BL	3 20 1720890000
ZHP Z/W SO	5 20 1781070000

Width [mm]	
ZEW	6 20 9540000000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]	
ZB 4K BL	6.3 50 0475380000
ZB 16K BL	10 50 0502880000
ZB 35K BL M6X16	14 20 0502680000

Marking systems (see large assortment in chapter M)	
	Tags

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Installation terminals

ZDL 2.5/S/N

2.5 mm²

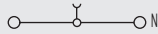
Neutral conductor



5.1 x 95 x 48.5

/ 4

0.13 ... 4



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
6 / 3			
A2 / V-0			

KEFA

Rated connection

0.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

2,5 mm² flexible conductor with farule is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDL 2.5 S/N	50	1720770000

Maximum distance between ZHP to ZHP is 200mm.

ZDL 2.5/S/L

2.5 mm²

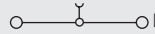
Phase



5.1 x 95 x 48.5

/ 4

0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
6 / 3			
A2 / V-0			

KEFA

Rated connection

0.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

2,5 mm² flexible conductor with farule is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDL 2.5 S/L	50	1720780000

Maximum distance between ZHP to ZHP is 200mm.

ZDL 2.5/S/N/L

2.5 mm²

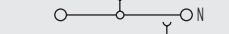
Neutral conductor - phase



5.1 x 95 x 48.5

/ 4

0.13 ... 4



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
6 / 3			
A2 / V-0			

KEFA

Rated connection

0.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

2,5 mm² flexible conductor with farule is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDL 2.5 S/N/L	50	1720790000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
Width [mm]			
ZAP ZDL2.5S	1.5	20	1720900000
Width [mm]			
ZHP ZDL2.5S BL	3	20	1720890000
ZHP Z/W SO	5	20	1781070000
Width [mm]			
ZEW	6	20	9540000000
Width [mm]			
SD 0,6X3,5X100		10	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000
Width [mm]			
DEK 5			

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
Width [mm]			
ZAP ZDL2.5S	1.5	20	1720900000
Width [mm]			
ZHP ZDL2.5S BL	3	20	1720890000
ZHP Z/W SO	5	20	1781070000
Width [mm]			
ZEW	6	20	9540000000
Width [mm]			
SD 0,6X3,5X100		10	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000
Width [mm]			
DEK 5			

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
Width [mm]			
ZAP ZDL2.5S	1.5	20	1720900000
Width [mm]			
ZHP ZDL2.5S BL	3	20	1720890000
ZHP Z/W SO	5	20	1781070000
Width [mm]			
ZEW	6	20	9540000000
Width [mm]			
SD 0,6X3,5X100		10	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000
Width [mm]			
DEK 5			

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Installation terminals

Distribution terminals with 10x3 bus-bar

Neutral cross-connection with busbar-system 10 x 3 mm.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

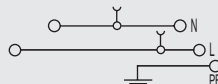
ZDL 2.5/S/N/L/PE

2.5 mm²

Neutral conductor - phase - PE



5.1 x 95 x 48.5
/ 4
0.13 ... 4



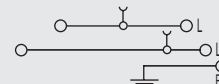
ZDL 2.5/S/L/L/PE

2.5 mm²

Phase - phase - PE



5.1 x 95 x 48.5
/ 4
0.13 ... 4



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -
Tightening torque range (clamping screw)	Nm

Information	
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IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
		4 / 3	
		A2 / V-0	



Rated connection

0.5...4
0.5...4 / 0.5...2.5
8 / 0.6 x 3.5

2,5 mm² flexible conductor with ferrule is crimped with the Weidmüller-crimping tool PZ 6/5.

IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
		4 / 3	
		A2 / V-0	



Rated connection

0.5...4
0.5...4 / 0.5...2.5
8 / 0.6 x 3.5

2,5 mm² flexible conductor with ferrule is crimped with the Weidmüller-crimping tool PZ 6/5.

Ordering data

Version	
	dark beige Wemid blue Wemid

Information	
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Type	Qty.	Order No.
ZDL 2.5 S/N/L/PE	50	1720800000

Maximum distance between ZHP to ZHP is 200mm.

Type	Qty.	Order No.
ZDL 2.5 S/L/L/PE	50	1720810000

Maximum distance between ZHP to ZHP is 200mm.

Accessories

Cross-connection	
(ZQV 2.5N/4 - pluggable) (Q3 - screwable)	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole



End plate / partition	
	dark beige Wemid blue Wemid

Holding plate for 10 x 3	
	blue Wemid for vertical mounting position



End bracket	
	dark beige

Screwdriver	
	w. cutting device "swifty set" Standard version

Busbar 10 x 3	
	Lower edge busbar to upper edge TS35 = 25.5mm

Tension clamp for feeding 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4mm ²
	Rigid / flexible 6 - 16mm ²
	flexible 16 - 35mm ²



Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Width [mm]		Qty.	Order No.
ZAP ZDL2.5S	1.5	20	1720900000

Width [mm]		Qty.	Order No.
ZHP ZDL2.5S BL	3	20	1720890000
ZHP Z/W SO	5	20	1781070000

Width [mm]		Qty.	Order No.
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
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SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]		Qty.	Order No.
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Width [mm]		Qty.	Order No.
ZAP ZDL2.5S	1.5	20	1720900000

Width [mm]		Qty.	Order No.
ZHP ZDL2.5S BL	3	20	1720890000
ZHP Z/W SO	5	20	1781070000

Width [mm]		Qty.	Order No.
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
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SSCH 10X3X1000 CU/SN	1	0348900000
----------------------	---	------------

Width [mm]		Qty.	Order No.
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Installation terminals

Distribution terminal with ZQV

Electrical distribution with pluggable cross-connection

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data




Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	
Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version	Information
dark beige Wemid	
blue Wemid	

Accessories

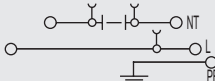
Cross-connection, pluggable	
	(ZQV)
2-pole	
3-pole	
4-pole	
10-pole	
30-/41-/50-pole	
End plate / partition	
dark beige Wemid	
blue Wemid	
End bracket	
dark beige Wemid	
Test adapter	
for testing of wired terminal strips	Standard version With spigot
Screwdriver	
	w. cutting device "swifty set" Standard version
Reducing sleeves	
	for conductors < 0.5mm / AWG 20 for conductors < 1.0mm / AWG 18
Cover	
	With elec. shock warn. symbol neutral
Marking systems (see large assortment in chapter M)	
	Tags
For detailed information on additional accessories and usage instructions see chapter accessories.	

ZDL 2.5/NT/L/PE

2.5 mm²

Neutral conductor disconnection - phase - PE



5.1 x 95 x 48.5	
/ 4	
0.13 ... 4	

IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
		4 / 3	
		A2 / V-0	



Rated connection	Additional connection
0.5...4	
0.5...4 / 0.5...2.5	
8 / 0.6 x 3.5	

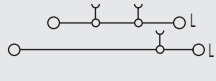
Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

ZDL 2.5/L/L

2.5 mm²

Phase - phase



5.1 x 95 x 48.5	
/ 4	
0.13 ... 4	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A2 / V-0	



Rated connection	Additional connection
0.5...4	
0.5...4 / 0.5...2.5	
8 / 0.6 x 3.5	

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDL 2.5/L/L	50	1720830000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Type	Width [mm]	Qty.	Order No.
ZAP ZDL2.5	1.5	20	1720910000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
DEK 5		

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Installation terminals

Distribution terminal with ZQV

Electrical distribution with pluggable cross-connection

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version	
dark beige Wemid	
blue Wemid	

Information

Accessories

Cross-connection, pluggable



(ZQV)

2-pole	
3-pole	
4-pole	
10-pole	
30-/41-/50-pole	

End plate / partition

dark beige Wemid	
blue Wemid	

End bracket

dark beige Wemid	
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Test adapter

for testing of wired terminal strips

Standard version	
With spigot	

Screwdriver



w. cutting device "swifty set"	
Standard version	

Reducing sleeves

for conductors < 0.5mm / AWG 20	
for conductors < 1.0mm / AWG 18	

Cover



With elec. shock warn. symbol	
neutral	

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDL 2.5/N

2.5 mm²

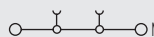
Neutral conductor



5.1 x 95 x 48,5

/ 4

0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A2 / V-0	

KEBA

Rated connection

0.5...4
0.5...4 / 0.5...2.5

Additional connection

8 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

ZDL 2.5/L

2.5 mm²

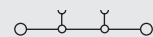
Phase



5.1 x 95 x 48,5

/ 4

0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A2 / V-0	

KEBA

Rated connection

0.5...4
0.5...4 / 0.5...2.5

Additional connection

8 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDL 2.5/N	50	1720840000

Type	Qty.	Order No.
ZDL 2.5/L	50	1720850000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Width [mm]	Qty.	Order No.	
ZAP ZDL2.5	1.5	20	1720910000

Width [mm]	Qty.	Order No.	
ZAP ZDL2.5	1.5	20	1720910000

Width [mm]	Qty.	Order No.	
ZEW	6	20	9540000000

Width [mm]	Qty.	Order No.	
ZEW	6	20	9540000000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Tags	Order No.
DEK 5	

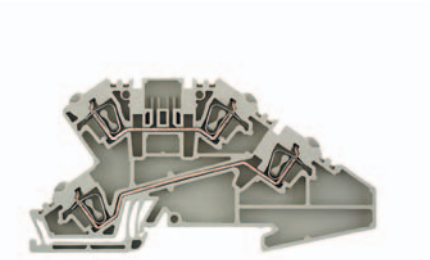
Tags	Order No.
DEK 5	

Installation terminals

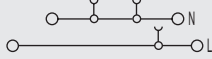
ZDL 2.5/N/L

2.5 mm²

Neutral conductor - phase



5.1 x 95 x 48.5
/ 4
0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A2 / V-0		

KEFA

Rated connection **Additional connection**

0.5...4
0.5...4 / 0.5...2.5

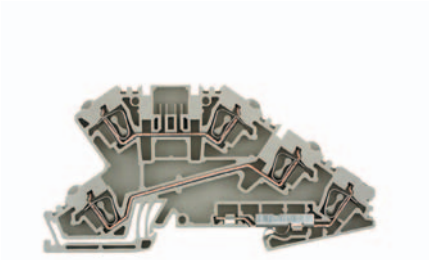
8 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

ZDL 2.5/N/L/PE

2.5 mm²

Neutral conductor - phase - PE



5.1 x 95 x 48.5
/ 4
0.13 ... 4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
	4 / 3		
	A2 / V-0		

KEFA

Rated connection **Additional connection**

0.5...4
0.5...4 / 0.5...2.5

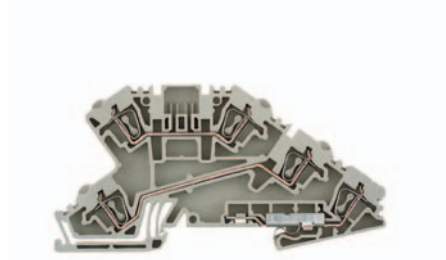
8 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

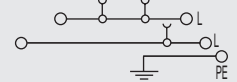
ZDL 2.5/L/L/PE

2.5 mm²

Phase - phase - PE



5.1 x 95 x 48.5
/ 4
0.13 ... 4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 50019
400	300	300	
24	10	10	
2.5	AWG 26 ...12	AWG 26...12	
	4 / 3		
	A2 / V-0		

KEFA

Rated connection **Additional connection**

0.5...4
0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDL 2.5/N/L	50	1720860000

Type	Qty.	Order No.
ZDL 2.5/N/L/PE		1720870000

Type	Qty.	Order No.
ZDL 2.5/L/L/PE	50	1720880000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Width [mm]	Qty.	Order No.	
ZAP ZDL2.5	1.5	20	1720910000

Width [mm]	Qty.	Order No.	
ZAP ZDL2.5	1.5	20	1720910000

Width [mm]	Qty.	Order No.	
ZAP ZDL2.5	1.5	20	1720910000

Width [mm]	Qty.	Order No.	
ZEW	6	20	9540000000

Width [mm]	Qty.	Order No.	
ZEW	6	20	9540000000

Width [mm]	Qty.	Order No.	
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
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SD 0,6X3,5X100	10	9008330000
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SD 0,6X3,5X100	10	9008330000
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DEK 5

DEK 5

DEK 5

Installation terminals

Distribution terminals with 10x3 bus-bar

Neutral cross-connection with busbar-system
10 x 3 mm.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -
Tightening torque range (clamping screw)	Nm

Information

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Information

Accessories

Cross-connection	
(ZQV 2.5N/4 - pluggable) (Q3 - screwable)	
	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole

End plate / partition

dark beige Wemid
blue Wemid

Holding plate for 10 x 3

	blue Wemid
	for vertical mounting position

End bracket

dark beige

Screwdriver

w. cutting device "swifty set"
Standard version

Busbar 10 x 3

Lower edge busbar to upper edge TS35 = 25.5mm

Tension clamp for feeding 10 x 3 busbars

	Rigid / flexible 0.5 - 6 / 4mm ²
	Rigid / flexible 6 - 16mm ²
	flexible 16 - 35mm ²



Marking systems (see large assortment in chapter M)

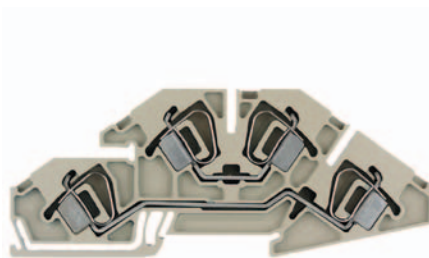
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

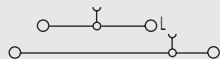
ZDK 4/S/L/L

4 mm²

Phase - phase



6.1 x 122 x 50.5
/ 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300		
32	33		
4	AWG 26 ... 10		
		6 / 3	
		A4 / V-0	

Rated connection

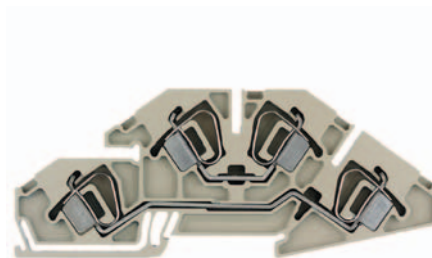
0.5...6
0.5...4 / 0.5...4
12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

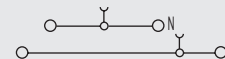
ZDK 4/ S/N/L

4 mm²

Neutral conductor phase



6.1 x 122 x 50.5
/ 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300		
32	33		
4	AWG 26 ... 10		
		6 / 3	
		A4 / V-0	

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 4S/L/L	50	1733290000

Maximum distance between ZHP to ZHP is 200mm.

Type	Qty.	Order No.
ZDK 4S/N/L	50	1733460000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]

ZAP ZDK4/6S	2	20	1733240000
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Width [mm]

ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]

ZEW	6	20	9540000000
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SD 0,6X3,5X100	10	9008330000
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SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]

ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]

ZAP ZDK4/6S	2	20	1733240000
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Width [mm]

ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]

ZEW	6	20	9540000000
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SD 0,6X3,5X100	10	9008330000
----------------	----	------------

SSCH 10X3X1000 CU/SN	1	0348900000
----------------------	---	------------

Width [mm]

ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 5

Installation terminals

ZDK 4/S/NT

4 mm²

Neutral conductor disconnection



6.1 x 122 x 50.5
/ 6
0.13 ... 6



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 50019
250			
32			
4			
	4 / 3		
	A4 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 4S/NT	50	1733280000

Maximum distance between ZHP to ZHP is 200mm.

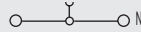
ZDK 4/S/N

4 mm²

Neutral conductor



6.1 x 122 x 50.5
/ 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400			
32			
4			
	6 / 3		
	A4 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 4S/N	50	1733450000

Maximum distance between ZHP to ZHP is 200mm.

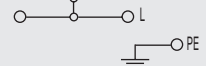
ZDK 4/S/L/PE

4 mm²

Phase - PE conductor



6.1 x 122 x 50.5
/ 6
0.13 ... 6



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 50019
400			
32			
4			
	6 / 3		
	A4 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 4S/L/PE	50	1733300000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]			
ZAP ZDK4/6S	2	20	1733240000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
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SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 5

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]			
ZAP ZDK4/6S	2	20	1733240000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 5

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]			
ZAP ZDK4/6S	2	20	1733240000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

SSCH 10X3X1000 CU/SN	1	0348900000
----------------------	---	------------

Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 5

Installation terminals

Distribution terminals with 10x3 bus-bar

Neutral cross-connection with busbar-system
10 x 3 mm.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -
Tightening torque range (clamping screw)	Nm

Information

Ordering data

Version	
	dark beige Wemid blue Wemid

Information

Accessories

Cross-connection (ZQV 2.5N/4 - pluggable) (Q3 - screwable)	
	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole

End plate / partition	
	dark beige Wemid blue Wemid

Holding plate for 10 x 3	
	blue Wemid for vertical mounting position

End bracket	
	dark beige

Screwdriver	
	w. cutting device "swifty set" Standard version

Busbar 10 x 3	
	Lower edge busbar to upper edge TS35 = 25.5mm

Tension clamp for feeding 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4mm ²
	Rigid / flexible 6 - 16mm ²
	flexible 16 - 35mm ²

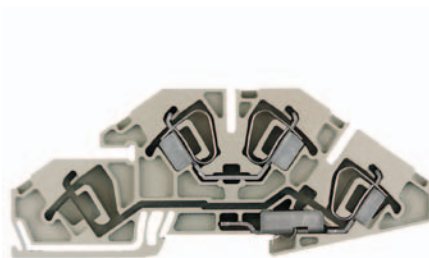
Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDK 4/S/N/PE

4 mm²

Neutral conductor - PE



6.1 x 122 x 50.5	
/ 6	
0.13 ... 6	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 50019
400			
32			
4			
	6 / 3		
	A4 / V-0		

Rated connection

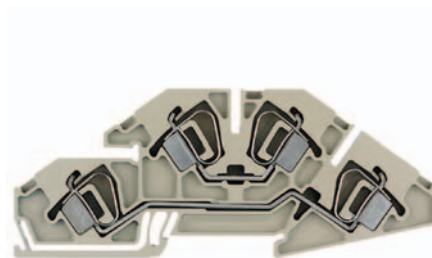
0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

ZDK 6/S/L/L

6 mm²

Phase - phase



8.1 x 124 x 50.5	
/ 10	
0.33 ... 10	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300		
41	38		
6	AWG 22 ...8		
	6 / 3		
	A5 / V-0		

Rated connection

0.5...10
0.5...6 / 0.5...6
12 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 4S/N/PE	50	1733470000

Maximum distance between ZHP to ZHP is 200mm.

Type	Qty.	Order No.
ZDK 6S/L/L	25	1733260000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Width [mm]	
ZAP ZDK4/6S	2 20 1733240000

Width [mm]	
ZHP Z/W BL	3 20 1745180000
ZHP Z/W SO	5 20 1781070000

Width [mm]	
ZEW	6 20 9540000000

Width [mm]	
SD 0,6X3,5X100	10 9008330000

Width [mm]	
SSCH 10X3X1000 CU/SN	1 0348900000
ZB 4K BL	6.3 50 0475380000
ZB 16K BL	10 50 0502880000
ZB 35K BL M6X16	14 20 0502680000

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Width [mm]	
ZAP ZDK4/6S	2 20 1733240000

Width [mm]	
ZHP Z/W BL	3 20 1745180000
ZHP Z/W SO	5 20 1781070000

Width [mm]	
ZEW	6 20 9540000000

Width [mm]	
SD 1,0X5,5X150	10 9008350000

Width [mm]	
SSCH 10X3X1000 CU/SN	1 0348900000
ZB 4K BL	6.3 50 0475380000
ZB 16K BL	10 50 0502880000
ZB 35K BL M6X16	14 20 0502680000

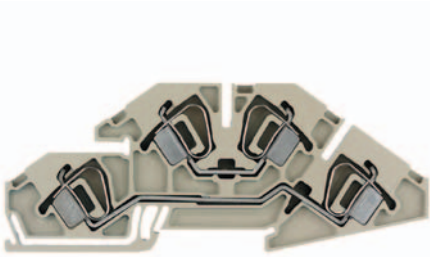
Width [mm]	
DEK 5	
DEK 8	

Installation terminals

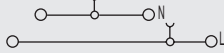
ZDK 6/S/N/L

6 mm²

Neutral conductor - phase



8 x 124 x 50.5
/ 10
0.21 ... 10



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300		
41	38		
6	AWG 22 ...8		
	6 / 3		
	A5		

Rated connection

0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 6S/N/L	25	1733490000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Width [mm]			
ZAP ZDK4/6S	2	20	1733240000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0x5,5x150	10	9008350000
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SSCH 10x3x1000 CU/SN	1	0348900000
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Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 8

ZDK 6/S/NT

6 mm²

Neutral conductor disconnection



8.1 x 124 x 50.5
/ 10
0.33 ... 10



IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 50019
250			
41			
6			
	4 / 3		
	A5 / V-0		

Rated connection

0.5...10
0.5...6 / 0.5...6
12 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 6S/NT	25	1733250000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Width [mm]			
ZAP ZDK4/6S	2	20	1733240000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0x5,5x150	10	9008350000
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SSCH 10x3x1000 CU/SN	1	0348900000
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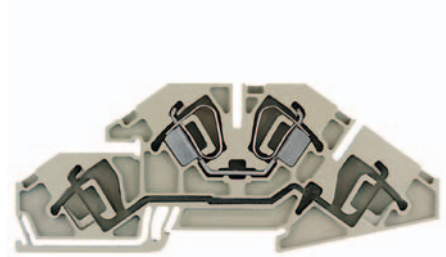
Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 8

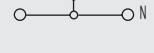
ZDK 6/S/N

6 mm²

Neutral conductor



8.1 x 124 x 50.5
/ 10
0.33 ... 10



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400			
41			
6			
	6 / 3		
	A5 / V-0		

Rated connection

0.5...10
0.5...6 / 0.5...6
12 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 6S/N	25	1733480000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Width [mm]			
ZAP ZDK4/6S	2	20	1733240000

Width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]			
ZEW	6	20	9540000000

SD 1,0x5,5x150	10	9008350000
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SSCH 10x3x1000 CU/SN	1	0348900000
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Width [mm]			
ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 8

Installation terminals

Distribution terminals with 10x3 bus-bar

Neutral cross-connection with busbar-system
10 x 3 mm.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -
Tightening torque range (clamping screw)	Nm

Information

Ordering data

Version	
	dark beige Wemid blue Wemid

Information

Accessories

Cross-connection (ZQV 2.5N/4 - pluggable) (Q3 - screwable)	
	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole

End plate / partition

dark beige Wemid
blue Wemid

Holding plate for 10 x 3

	blue Wemid
	for vertical mounting position

End bracket

dark beige

Screwdriver

w. cutting device "swifty set"
Standard version

Busbar 10 x 3

Lower edge busbar to upper edge TS35 = 25.5mm

Tension clamp for feeding 10 x 3 busbars

	Rigid / flexible 0.5 - 6 / 4mm ²
	Rigid / flexible 6 - 16mm ²
	flexible 16 - 35mm ²



Marking systems (see large assortment in chapter M)

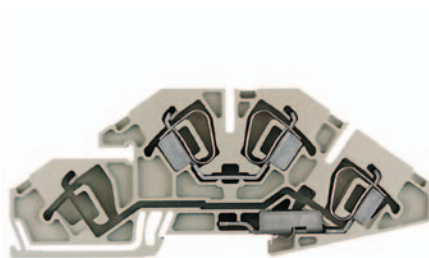
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

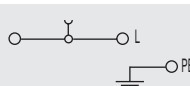
ZDK 6/S/L/PE

6 mm²

Phase - PE conductor



8.1 x 124 x 50.5
/ 10
0.33 ... 10



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 50019
400			
41			
6			
	6 / 3		
	A5 / V-0		

Rated connection

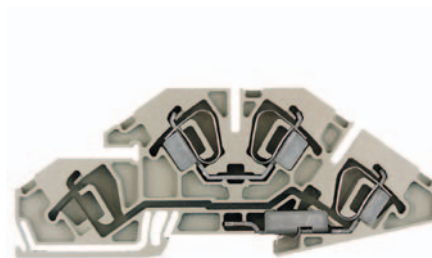
0.5...10
0.5...6 / 0.5...6
12 / 5.5 x 1.0

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

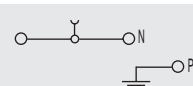
ZDK 6/S/N/PE

6 mm²

Neutral conductor - PE



8.1 x 124 x 50.5
/ 10
0.21 ... 10



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 50019
400			
41			
6			
	6 / 3		
	A5 / V-0		

Rated connection

0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5

The feeding of the busbars takes place via a busbar-connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 6S/L/PE	25	1733270000

Maximum distance between ZHP to ZHP is 200mm.

Type	Qty.	Order No.
ZDK 6S/N/PE	25	1733500000

Maximum distance between ZHP to ZHP is 200mm.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Width [mm]

ZAP ZDK4/6S	2	20	1733240000
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Width [mm]

ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]

ZEW	6	20	9540000000
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SD 1,0X5,5X150	10	9008350000
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SSCH 10X3X1000 CU/SN	1	0348900000
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Width [mm]

ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000

Width [mm]

ZAP ZDK4/6S	2	20	1733240000
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Width [mm]

ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Width [mm]

ZEW	6	20	9540000000
-----	---	----	------------

SD 1,0X5,5X150	10	9008350000
----------------	----	------------

SSCH 10X3X1000 CU/SN	1	0348900000
----------------------	---	------------

Width [mm]

ZB 4K BL	6.3	50	0475380000
ZB 16K BL	10	50	0502880000
ZB 35K BL M6X16	14	20	0502680000

DEK 8

WeiCoS overview

Pluggable terminals with tension clamp

The inventor of pluggable terminals now presents the next generation.

The need was clearly defined: a means of rapidly and correctly connecting pre-fabricated functional units – such as lamps and door controls, mounting plates and switchgear cabinets – to the existing installation. The solution: Weidmüller's pluggable terminal system.

The basic principle is beautifully simple:

One DIN rail terminal for the functional unit and one plug-in connector for producing the cable harness. In the final assembly, the two units are simply snapped into each other – like plug-in connectors. That's all there is to it!

Whether for traffic engineering, mechanical engineering or shipbuilding, Weidmüller's Z series offers all these areas optimum service. It is quick, reliable and simple to connect, ensures trouble-free handling and is practical in system use. Modular and flexible connection technology is required particularly where entire functional units are to be prefabricated or exchanged.

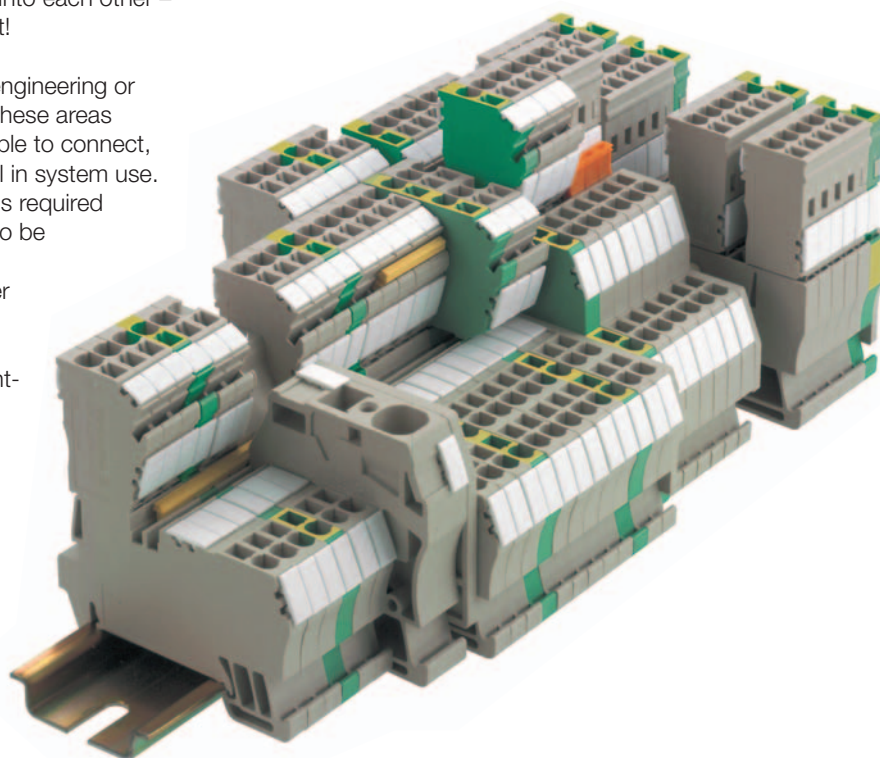
This is where WeiCoS comes in – **Weidmüller Connection System** – the new generation of pluggable terminals. Here Weidmüller has attached great importance to cleverly thought-out technology.

The convincing advantages of this technology:

Quick mounting, functional units tested in the factory, quick and easy replacement of functional units.

Rational installation of modular components

Modular functional units form the basic elements of production systems according to the modular principle. They bring dramatic reductions in costly final assembly time and allow for rapid replacement during maintenance and servicing. WeiCoS is tailor-made to these applications.



Product overview

Rated cross-section	2.5 mm ²
Feed-through terminals	
1 tension spring connection / 1 pluggable connection	•
2 tension spring connections / 1 pluggable connection	•
2 tension spring connections / 2 pluggable connections	•
4 pluggable connections	•
Protective earth terminals	
1 tension spring connection / 1 pluggable connection	•
2 tension spring connections / 1 pluggable connection	•
2 tension spring connections / 2 pluggable connections	•
4 pluggable connections	•
Double level terminals	
Feed-through	•
Feed-through / protective earth	•
Protective earth	•
Plug-in connector	
1 tension spring connection without cross-connection channel	•
1 tension spring connection with cross-connection channel	•
2 tension spring connections with cross-connection channel	•

WeiCoS in detail

The tension clamp connection

The terminal has a tension clamp connection which separates electrical and mechanical functions.

- Steel tension clamp provides optimum contact forces
- Copper busbars for low-voltage loss



Pluggable cross-connections

- 2- to 10-pole or "continuous" for individual assembly
- Full rated current
- Poles can be broken out in order to bypass other terminals
- Up to three potentials possible



The pluggable connection

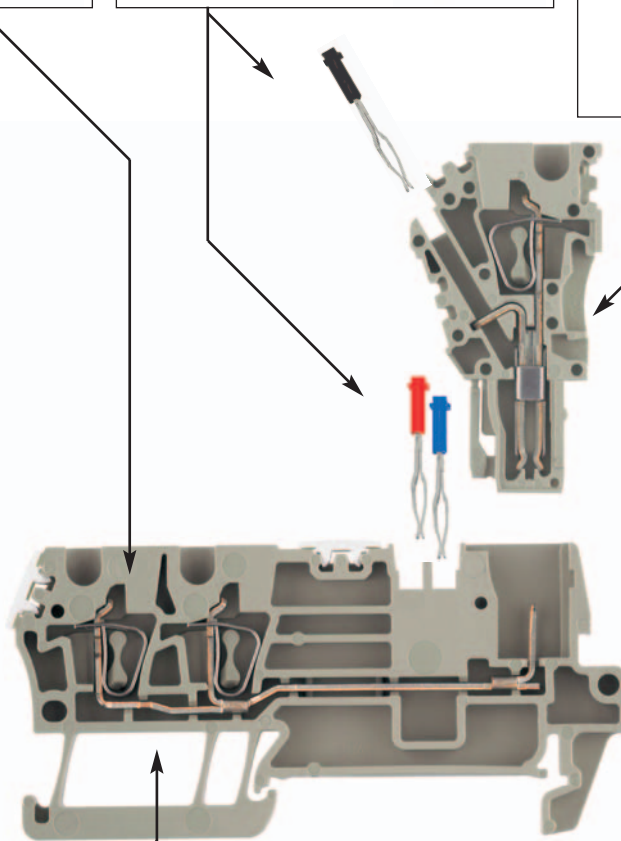
The tensioned contact is also in accordance with Weidmüller's principle of separating electrical and mechanical functions.

- Maintenance-free connection
- 100% vibration proof
- High contact force



Wemid insulation

- Resistant to creepage CTI 600
- Temperature resistant up to 120°C
- Flammability class V0 acc. to UL94
- Contains no halogen or phosphorous



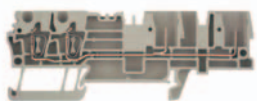
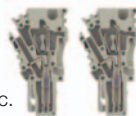
Safe contacts

- Maintenance-free connection for lifelong safe contact
- Gas-proof contact area
- Surface-treated busbar for protection from oxidation
- 100% vibration proof

Simple to use

Practical connection with parallel conductor inset and screwdriver actuation:

- No special tools needed
- Integrated test point
- Simple handling with generous clamping range acc. IEC 601984



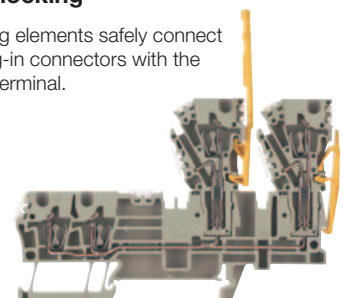
Supply

Supply comes from standard Z series terminals or a supply terminal e.g. ZEI 16.



Safe locking

Locking elements safely connect all plug-in connectors with the basic terminal.



Pluggable terminals

WeiCoS feed-through terminals

WeiCos - pluggable tension clamp terminals for rated cross-section 0.13 to 4 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.


Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data



Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	
Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -

Information

Ordering data

Base terminal		
	dark beige Wemid	
Plug connector		
 <p>Detailed information on all versions in chapter accessories.</p>	1-pole	
	2-pole	
	3-pole	
	4-pole	
	5-pole	
	6-pole	
	8-pole	
	10-pole	
	Information	

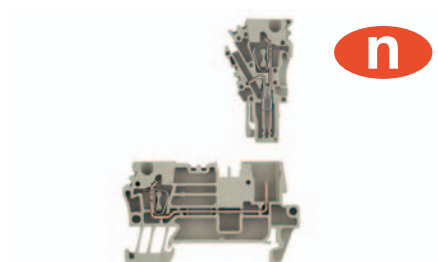
Accessories

Cross-connection (pluggable)	
 <p>ZQV 2.5N/4</p>	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate	
	dark beige Wemid orange Wemid
Test adapter	
	Standard version With spigot
Other accessories WeiCos	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	w. cutting device "swifty set" Standard version
Marking systems (see large assortment in chapter M)	
	Tags
For detailed information on additional accessories and usage instructions see chapter accessories.	

ZT 2.5/2AN/1

2.5 mm²

1 tension-spring con. / 1 push-on con.



5.1 x 58 x 35	
24 / 4	
0.13 ... 4	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 50019
500	300	300	
24	20	20	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A2 / V-0	



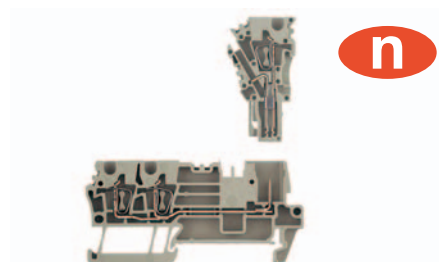
	Rated connection	Push-on connection
	0.5...4	0.5...4
	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
	10 / 0.6 x 3.5	

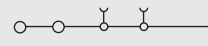
Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

ZT 2.5/3AN/1

2.5 mm²

2 tension-spring con. / 1 push-on con.



5.1 x 71.5 x 35	
24 / 4	
0.13 ... 4	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 50019
500	300	300	
24	20	20	
2.5	AWG 12 ...12	AWG 26...12	
		6 / 3	
		A2 / V-0	



	Rated connection	Push-on connection
	0.5...4	0.5...4
	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
	10 / 0.6 x 3.5	

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZT 2.5/2AN/1	50	1815070000
ZP 2.5/1AN/QV/1		
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZT 2.5/3AN/1	50	1815090000
ZP 2.5/1AN/QV/1		
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Current [A]			
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
Width [mm]			
ZAP/TW ZT2.5/2AN	2.5	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5	50	1816040000
ZTA ZT2.5			
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000
ZVR ZP2.5			
ZVR ZP2.5	25		1816130000
KOSF ZT2.5			
KOSF ZT2.5	50		1816150000
ZZE ZP2.5			
ZZE ZP2.5	25		1816140000
SD 0,6X3,5X100			
SD 0,6X3,5X100	10		9008330000
DEK 5 / WS 10/5			
DEK 5 / WS 10/5			

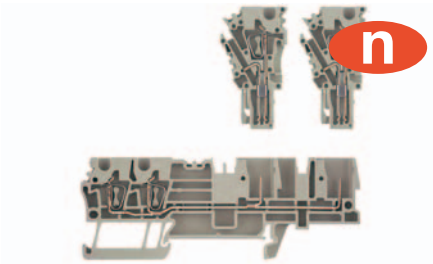
Current [A]			
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
Width [mm]			
ZAP/TW ZT2.5/3AN	2.5	50	1816050000
ZAP/TW ZT2.5/3AN OR	2.5	50	1816060000
ZTA ZT2.5			
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000
ZVR ZP2.5			
ZVR ZP2.5	25		1816130000
KOSF ZT2.5			
KOSF ZT2.5	50		1816150000
ZZE ZP2.5			
ZZE ZP2.5	25		1816140000
SD 0,6X3,5X100			
SD 0,6X3,5X100	10		9008330000
DEK 5 / WS 10/5			
DEK 5 / WS 10/5			

Pluggable terminals

ZT 2.5/4AN/2

2.5 mm²

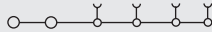
2 tension-spring con. / 2 push-on con.



5.1 x 93 x 35

24 / 4

0.13 ... 4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 50019
500	300	300	
24	20	20	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A2 / V-0		



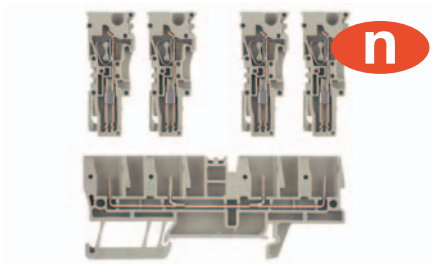
Rated connection	Push-on connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5	

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

ZT 2.5/4AN/4

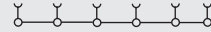
2.5 mm²

4 push-on connections



5.1 x 85.5 x 35

24



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 50019
500	300	300	
24	20	20	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	/ V-0		



Rated connection	Push-on connection
	0.5...4
	0.5...4 / 0.5...2.5
/ 0.6 x 3.5	

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZT 2.5/4AN/2	50	1815110000
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZT 2.5/4AN/4	50	1815130000
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Current [A]			
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
Width [mm]			
ZAP/TW ZT2.5/4AN/2	2.5	50	1816070000
ZAP/TW ZT2.5/4AN/2 OR	2.5	50	1816080000
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000
ZVR ZP2.5	25		1816130000
KOSF ZT2.5	50		1816150000
ZZE ZP2.5	25		1816140000
SD 0,6X3,5X100	10		9008330000
DEK 5 / WS 10/5			

Current [A]			
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
Width [mm]			
ZAP/TW ZT2.5/4AN/4	2.5	50	1816090000
ZAP/TW ZT2.5/4AN/4 OR	2.5	50	1816100000
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000
ZVR ZP2.5	25		1816130000
KOSF ZT2.5	50		1816150000
ZZE ZP2.5	25		1816140000
SD 0,6X3,5X100	10		9008330000
DEK 5 / WS 10/5			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Pluggable terminals

WeiCoS feed-through terminals

WeiCos - pluggable tension clamp terminals for rated cross-section 0.13 to 4 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data


Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -

Information


Ordering data

Base terminal	
	dark beige Wemid

Plug connector	
 <p>Detailed information on all versions in chapter accessories.</p>	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	8-pole
	10-pole

Information

Accessories

Cross-connection (pluggable)	
 <p>ZQV 2.5N/4</p>	2-pole
	3-pole
	4-pole
	10-pole
	50-pole

End plate	
	dark beige Wemid
	orange Wemid

Test adapter	
	Standard version
	With spigot

Other accessories WeiCos	
	Locking element
	Coding element
	Strain relief

Screwdriver	
	w. cutting device "swifty set"
	Standard version

Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDT 2.5/2

2.5 mm²

Two potentials possible



5.1 x 80.5 x 52.5	
/ 4	
0.13 ... 4	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 50019
500	300	300	
24	20	20	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A2 / V-0	



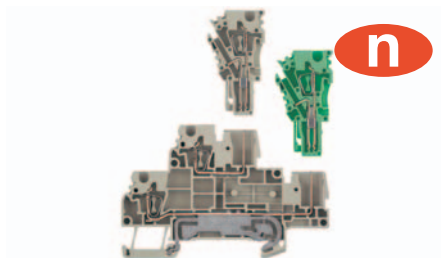
Rated connection		Push-on connection	
0.5...4		0.5...4	
0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5			

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

ZDT 2.5/2 DU-PE

2.5 mm²

Phase - PE conductor



5.1 x 80.5 x 52.5	
24 / 4	
0.13 ... 4	

IEC 60947-7-1 (-7-2) / IEC 61984

IEC	UL	CSA	EN 50019
500	300	300	
24	20	20	
2.5	AWG 26 ...12	AWG 26...12	
		6 / 3	
		A2 / V-0	



Rated connection		Push-on connection	
0.5...4		0.5...4	
0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5			

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDT 2.5/2	50	1815150000
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZDT 2.5/2 DU-PE	50	1815160000
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Current [A]			
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Width [mm]			
ZAP/TW ZDT2.5/2	2.5	50	1816110000
ZAP/TW ZDT2.5/2 OR	2.5	50	1816120000

ZTA ZT2.5			
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000

ZVR ZP2.5			
ZVR ZP2.5	25		1816130000
KOSF ZT2.5	50		1816150000
ZZE ZP2.5	25		1816140000

SD 0,6X3,5X100			
SD 0,6X3,5X100	10		9008330000

DEK 5			
DEK 5			

Current [A]			
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Width [mm]			
ZAP/TW ZDT2.5/2	2.5	50	1816110000
ZAP/TW ZDT2.5/2 OR	2.5	50	1816120000

ZTA ZT2.5			
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000

ZVR ZP2.5			
ZVR ZP2.5	25		1816130000
KOSF ZT2.5	50		1816150000
ZZE ZP2.5	25		1816140000

SD 0,6X3,5X100			
SD 0,6X3,5X100	10		9008330000

DEK 5			
DEK 5			

Pluggable terminals

WeiCoS PE - terminal

WeiCos - pluggable terminals for conductor cross-sections 0.13 to 4 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.


Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data



Rated data	
Rated cross-section	mm ²
Rated voltage for adjacent terminal	V
Rated impulse voltage for adjacent terminal	kV
Short-time current resistant	A
Pollution severity of adjacent terminal	
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	
Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length / blade size	mm

Information

Ordering data

Base terminal	
	green/yellow Wemid
Plug connector	
	<i>Detailed information on all versions in chapter accessories.</i>
	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
(ZP 2.5/1AN/QV/1)	10-pole
Information	

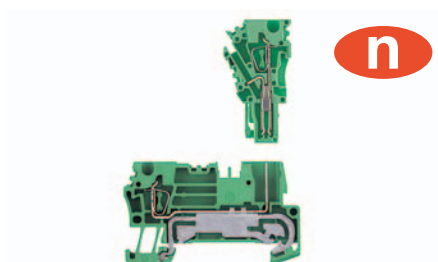
Accessories

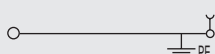
End plate	
	dark beige Wemid orange PA
Test adapter	
	Standard version With spigot
Other accessories	
	Locking element, yellow
	Coding element, yellow
	Strain relief, yellow
Screwdriver	
	w. cutting device "swifty set"
	Standard version
Rail support	
	To arrange mounting rails in insulated systems!
PEN-bridge	
	Insertable in distributor TN-S net between N- and PE-terminal
Marking systems (see assortment in chapter N)	
	Tags
For detailed information on additional accessories and usage instructions see chapter accessories.	

ZTPE 2.5/2AN/1

2.5 mm²

1 tension-spring con. / 1 push-on con.



5.1 x 58 x 35	
/ 4	
0.13 ... 4	

IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	
		500	
		6	
		300 A (2.5 mm ²)	
		3	
		A2 / V-0	



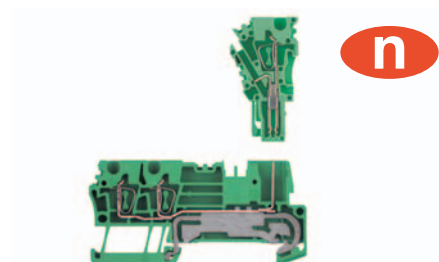
Rated connection	Push-on connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5	


Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

ZTPE 2.5/3AN/1

2.5 mm²

2 tension-spring con. / 1 push-on con.



5.1 x 71.5 x 35	
/ 4	
0.13 ... 4	

IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	
		500	
		6	
		300 A (2.5 mm ²)	
		3	
		A2 / V-0	



Rated connection	Push-on connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5	

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZTPE 2.5/3AN/1	50	1815100000
ZP 2.5/1AN/QV/1 GN	50	1820570000

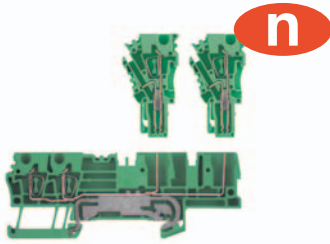
		Width [mm]		
ZAP/TW ZT2.5/2AN	2.5	50	1816030000	
ZAP/TW ZT2.5/2AN OR	2.5	50	1816040000	
ZTA ZT2.5		25	1827080000	
ZTA ZT2.5/ZA		25	1847600000	
ZVR ZP2.5		25	1816130000	
KOSF ZT2.5		50	1816150000	
ZZE ZP2.5		25	1816140000	
SD 0,6X3,5X100		10	9008330000	
SH 2		10	0494920000	
DEK 5 / WS 10/5				

Pluggable terminals

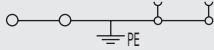
ZTPE 2.5/4AN/2

2.5 mm²

2 tension-spring con. / 2 push-on con.



5.1 x 93 x 35
/ 4
0.13 ... 4



IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	
		500	
		6	
		300 A (2.5 mm ²)	
		3	
		A2 / V-0	



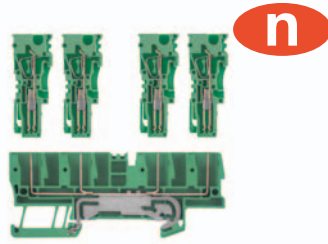
Rated connection	Push-on connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5	

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

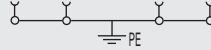
ZTPE 2.5/4AN/4

2.5 mm²

4 push-on connections



5.1 x 85.5 x 35



IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5			
		500	
		6	
		300 A (2.5 mm ²)	
		3	
		A2 / V-0	



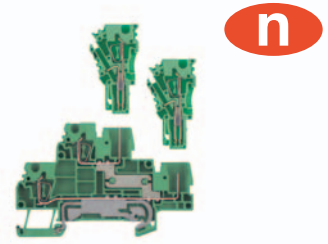
Rated connection	Push-on connection
	0.5...4
	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5	

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

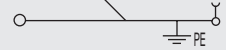
ZDT 2.5/2 PE

2.5 mm²

2 tension-spring con. / 2 push-on con.



5.1 x 80.5 x 52.5
/ 4
0.13 ... 4



IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	
		500	
		6	
		300 A (2.5 mm ²)	
		3	
		A2 / V-0	



Rated connection	Push-on connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5	

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZTPE 2.5/4AN/2	50	1815120000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	Qty.	Order No.
ZTPE 2.5/4AN/4	50	1815140000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	Qty.	Order No.
ZDT 2.5/2 PE	50	1815170000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Width [mm]			
ZAP/TW ZT2.5/4AN/2	2.5	50	1816070000
ZAP/TW ZT2.5/4AN/2 OR	2.5	50	1816080000
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000
ZVR ZP2.5	25		1816130000
KOSF ZT2.5	50		1816150000
ZZE ZP2.5	25		1816140000
SD 0,6X3,5X100	10		9008330000
SH 2	10		0494920000
DEK 5 / WS 10/5			

Width [mm]			
ZAP/TW ZT2.5/4AN/4	2.5	50	1816090000
ZAP/TW ZT2.5/4AN/4 OR	2.5	50	1816100000
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000
ZVR ZP2.5	25		1816130000
KOSF ZT2.5	50		1816150000
ZZE ZP2.5	25		1816140000
SD 0,6X3,5X100	10		9008330000
SH 2	10		0494920000
DEK 5 / WS 10/5			

Width [mm]			
ZAP/TW ZDT2.5/2	2.5	50	1816110000
ZAP/TW ZDT2.5/2 OR	2.5	50	1816120000
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000
ZVR ZP2.5	25		1816130000
KOSF ZT2.5	50		1816150000
ZZE ZP2.5	25		1816140000
SD 0,6X3,5X100	10		9008330000
SH 2	10		0494920000
DEK 5 / WS 10/5			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Pluggable terminals

Modular, pluggable terminal

Z- standard families offer solutions for conductor cross-sections of 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -

Information

Ordering data

Base terminal	
	Base terminal
	Plug

Information

Accessories

Cross-connection, pluggable

<i>Only for signal-level of base-terminal</i>	
	2-pole
	3-pole
	4-pole
ZQV 2.5/2	10-pole
	50-pole

End plate / partition

dark beige Wemid

Operating tool

	Screwdriver
	Crimping pliers
SD 0.6x3.5	removal tool

Reducing sleeves

for conductors < 0.2 mm ² / < AWG 24	
for conductors < 0.5 mm ² / < AWG 20	
for conductors < 1.0 mm ² / < AWG 18	

Crimping contact

0.2 ... 0.35 mm	
0.5 ... 1.0 mm	

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

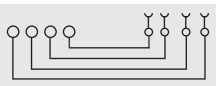
ZRV 1.5

1.5 mm²

Base terminal - plug (crimp contact)



5.1 x 89.5 x 52
/ 2.5
0.33 ... 2.5



IEC 60947-7-1 / VDE 0627

IEC	UL	CSA	EN 50019
63	150		
4	10		
1.5	AWG 26 ...14		
		1.5 / 3	
		A1 / V-0	



Rated connection

0.5...2.5

Crimp connection

0.5...2.5 / 0.5...1.5

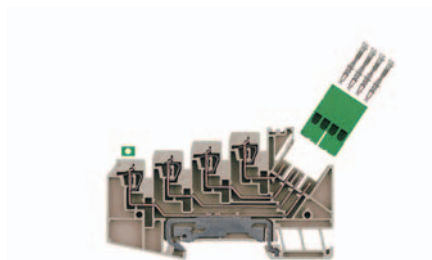
0.2...1

8 / 0.6 x 3.5

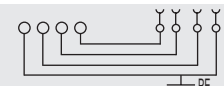
ZRV 1,5/PE

1.5 mm²

Base terminal - plug (crimp contact)



5.1 x 89.5 x 52
/ 2.5
0.33 ... 2.5



IEC 60947-7-1 (-7-2) / VDE 0627

IEC	UL	CSA	EN 50019
63			
4			
1.5	AWG 26 ...14	AWG 26...14	
		1.5 / 3	
		A1 / V-0	

Rated connection

0.5...2.5

Crimp connection

0.5...2.5 / 0.5...1.5

0.2...1

8 / 0.6 x 3.5

Type	Qty.	Order No.
ZRV 1.5	50	1698160000
STGH 4 ZRV1.5	50	1698190000

Information

Type	Qty.	Order No.
ZRV 1.5/PE	50	1698170000
STGH 4 ZRV1.5/PE GN	50	1698200000

Information

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]

AP ZRV1.5 DB	5.1	10	1698180000
--------------	-----	----	------------

SD 0,6X3,5X100	10	9008330000
HTF-ZRV	1	9014840000

ZRH 1.5N/1	100	1632140000
ZRH 1.5N/2	100	1632130000
ZRH 1.5N/3	100	1632120000

DFFC 0.2-0.35 ZRV1.5	500	1705310000
DFFC .5-1.0 ZRV1.5	500	1705320000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]

AP ZRV1.5 DB	5.1	10	1698180000
--------------	-----	----	------------

SD 0,6X3,5X100	10	9008330000
HTF-ZRV	1	9014840000

ZRH 1.5N/1	100	1632140000
ZRH 1.5N/2	100	1632130000
ZRH 1.5N/3	100	1632120000

DFFC 0.2-0.35 ZRV1.5	500	1705310000
DFFC .5-1.0 ZRV1.5	500	1705320000

DEK 5

DEK 5

Modular distribution assembly system

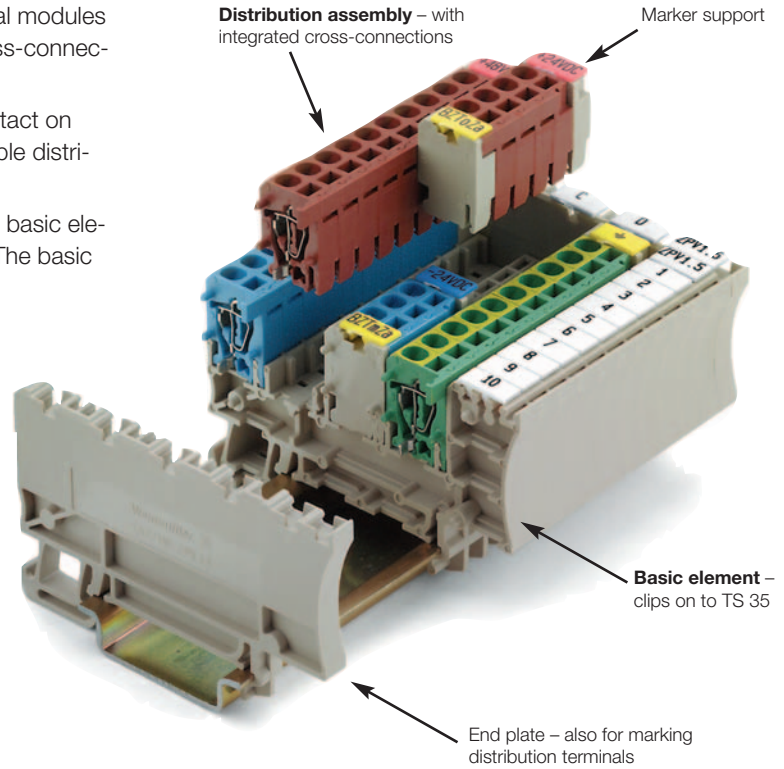
System for potential distribution

This modular system is based on the in-row individual modules of the distribution assembly with their integrated cross-connection.

The female contact is on one side, and the male contact on the other. The modular slice structure results in variable distribution assemblies depending on the application.

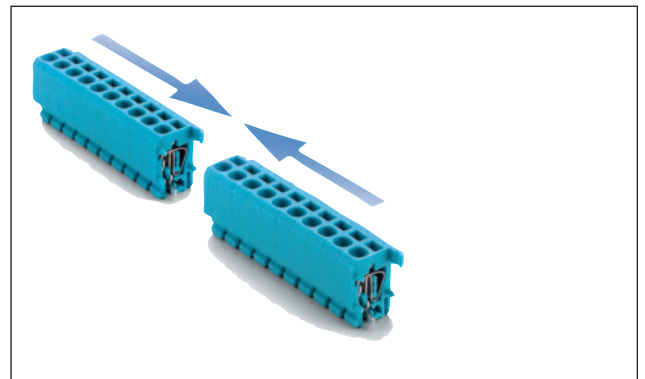
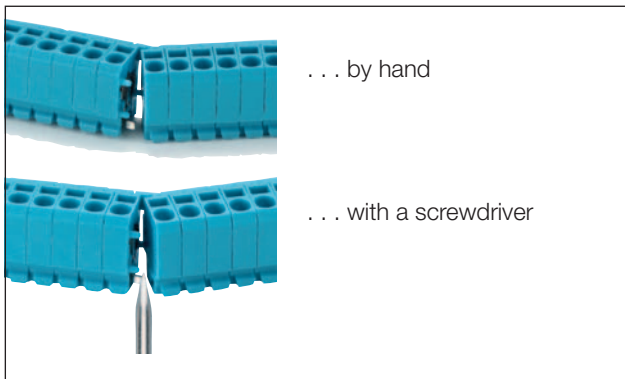
The supports for these module combinations are the basic elements which simply clip onto TS-35 mounting rails. The basic elements are available in various different versions:

- Simple support elements without electric function (ZPV 1.5)
- Basic elements for supplying initiators and actors as 3- or 4-core connection

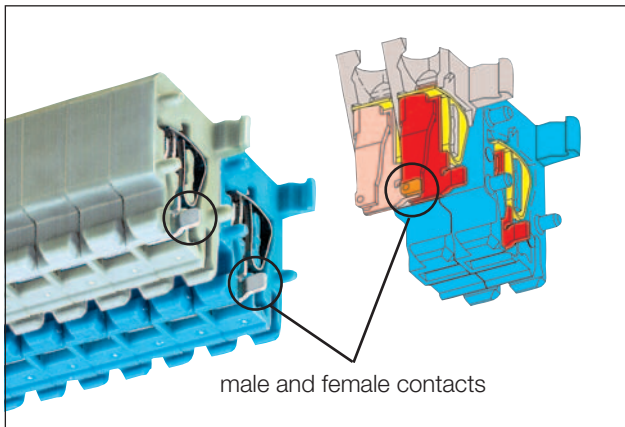


ZPV 1.5 – for easy assembly of variable pole numbers

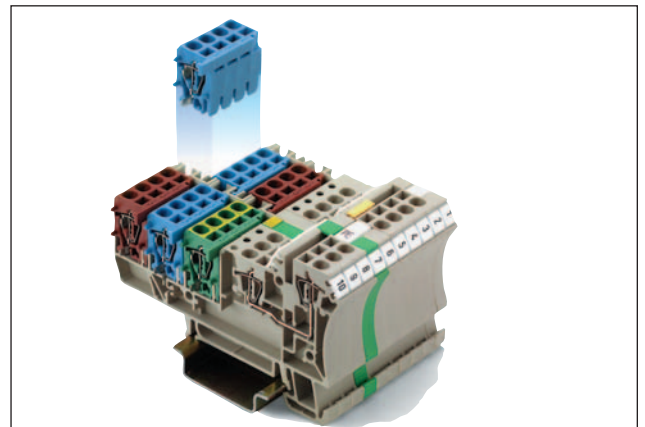
- Easily separated
- Easily plugged into each other



- Integrated cross-connection



- Clips onto the basic elements by hand



Modular distribution assembly system

Supplying initiators and actuators

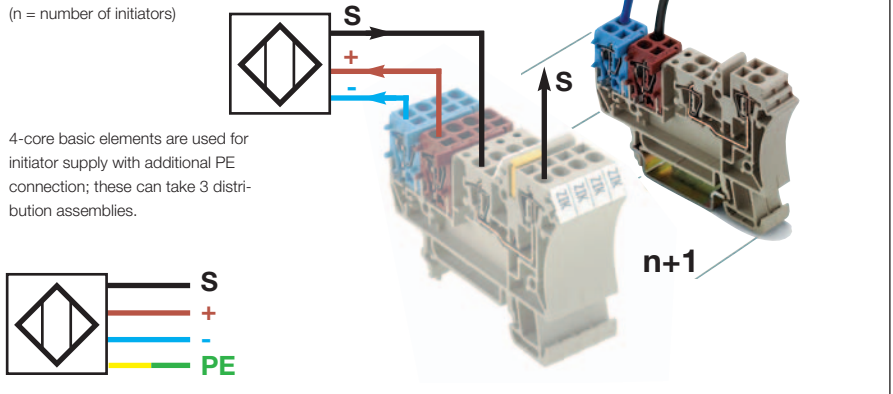
The modular distribution assembly is a convenient way of supplying power to initiators and actuators.

An additional basic element is used as a supply element which distributes the power to individual consumers across the cross-connected distribution assembly.

The control or information signal (S) is forwarded via the two clamping points of the basic elements. These can also be supplied optionally with an LED for status display.

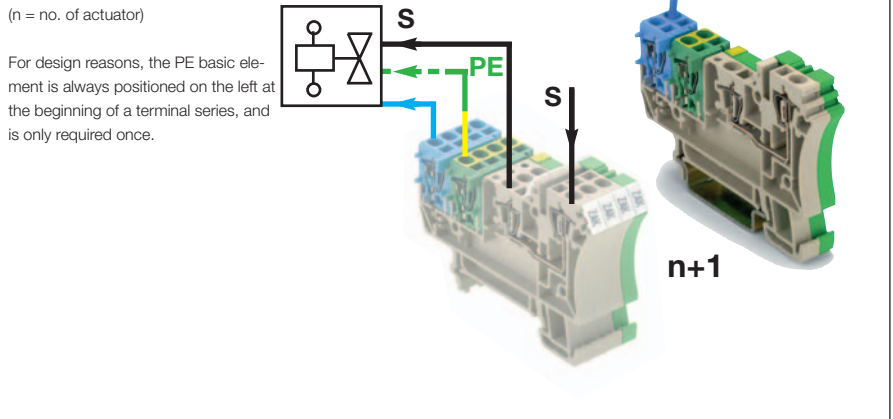
Initiator supply

via 1 additional standard basic element
 => n + 1 basic element
 => n + 1 distribution assembly element for each circuit path
 (n = number of initiators)



Actuator supply

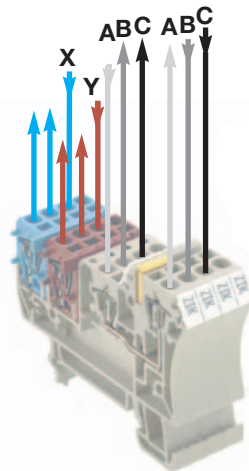
via 1 additional standard basic element
 => n + 1 basic element
 => n + 1 distribution assembly element for each circuit path
 (n = no. of actuator)



Or:

Combined feed-through terminal (A, B, C) and potential distribution terminal (X, Y)

Distribution assembly elements without male and female contacts and cross-connections for the feed-through terminal part make possible a great many different wiring solutions.

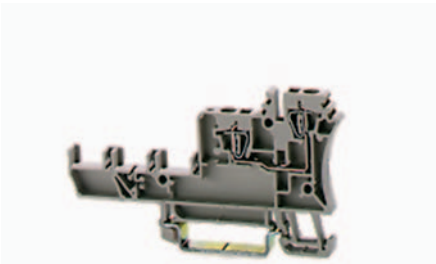


Initiator and actuator terminals

ZIA 1.5/4 L...

1.5 mm²

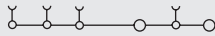
Base element 4-wire



5.08 x 68.5 x 46

/ 2.5

0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
250	300	300	
17.5	10	10	
1.5	AWG 26 ...14	AWG 26...14	
	4 / 3		
	A1 / V-0		

Rated connection

0.5...2.5

0.5...2.5 / 0.5...2.5

8 / 3.5 x 0.6

Bidirectional LED in ZIA 1.5/4L-1/LD (1652020000)

Type	Qty.	Order No.
ZIA 1.5/4L-1S	100	1652010000
ZIA 1.5/4L-1S/LD	50	1652020000
ZIA 1.5/4L-PE	20	1652030000
Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
Width [mm]			
ZAP/TWZIA1.5/4L	5.08		1649550000

SD 0,6X3,5X100	10	9008330000
ZRH 1.5N/1	100	1632140000
ZRH 1.5N/2	100	1632130000

DEK 5

ZVL 1.5

1.5 mm²

Distribution strip



5.08 x 12.9 x 17.45

/ 2.5

0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
250	300	300	
17.5	10	10	
1.5	AWG 26 ...14	AWG 26...14	
	4 / 3		
	A2 / V-0		

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

7 / 3.5 x 0.6

Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000

Type	Current [A]	Qty.	Order No.
SD 0,6X3,5X100		10	9008330000
ZRH 1.5N/1		100	1632140000
ZRH 1.5N/2		100	1632130000
Width [mm]			
BZT ZVL1.5/O.ZA			1676620000
BZT ZVL1.5			1676610000

SD 0,6X3,5X100	10	9008330000
ZRH 1.5N/1	100	1632140000
ZRH 1.5N/2	100	1632130000

BZT ZVL1.5/O.ZA	1676620000
BZT ZVL1.5	1676610000

DEK 5

Integrated cross-connections

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Mini-terminals

Modular design ...

This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

Individual blocks are put together from **middle terminals** and an end plate for the open side.

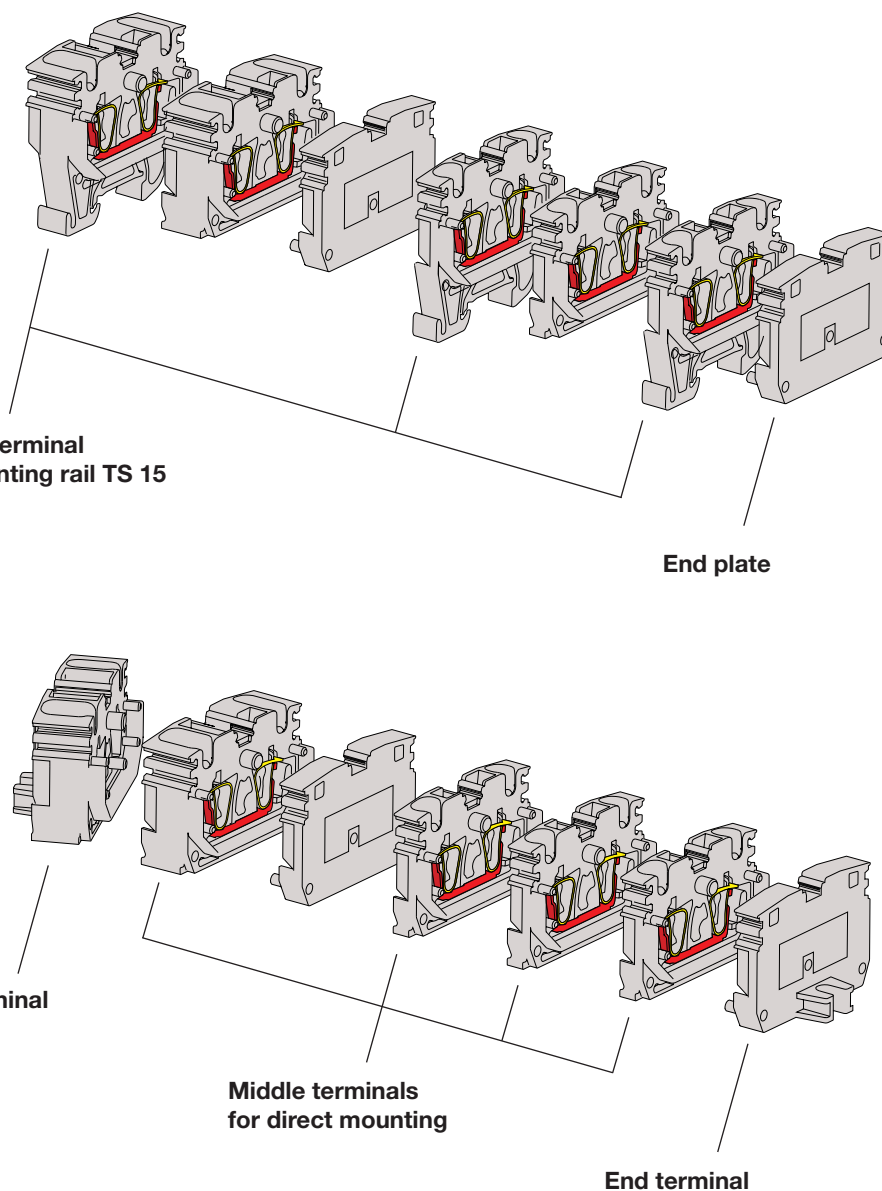
Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection technology guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

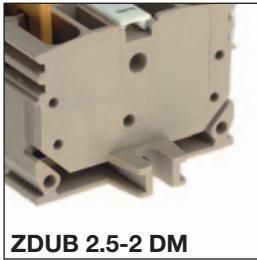
There are three different marking options for quick and clear identification of each terminal.

Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 fire rating acc. to UL94.



Mini-terminals

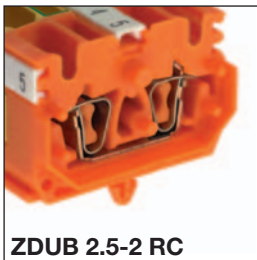
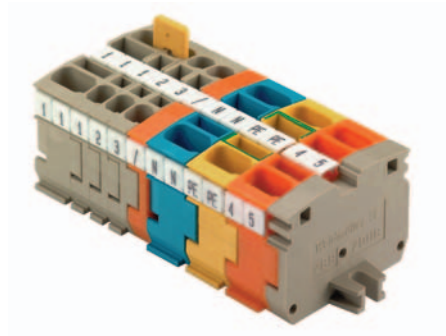
... with 4 different means of fastening



ZDUB 2.5-2 DM

Direct mounting with screw fastening on mounting plate

The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.



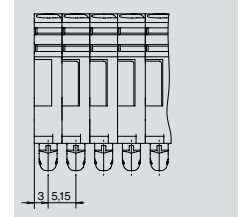
ZDUB 2.5-2 RC

Clip-on fastening on mounting plates

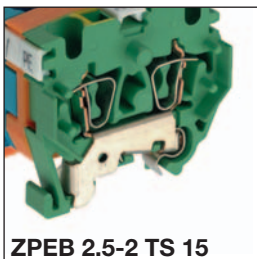
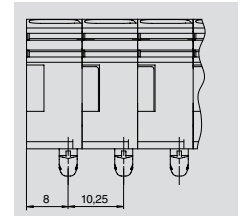
The terminals are simply clipped on to mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes. The open side of the terminal is closed by an end plate.



**Drilling plan:
ZDUB/2.5-2/2AN**



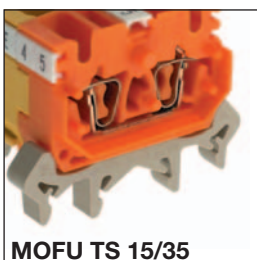
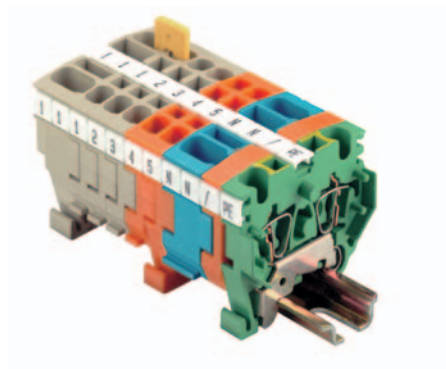
ZDUB 2.5-2/4AN



ZPEB 2.5-2 TS 15

Fitting on mounting rail TS 15

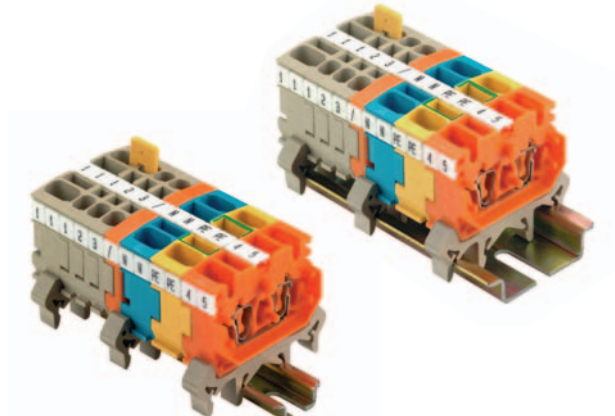
For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.



MOFU TS 15/35

Mounting foot for mounting rail TS 15/35

The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.



Mini terminals

Mini terminals for mounting plates

Block terminals for different fixing-systems

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated voltage (PE: for adjacent terminal)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -

Information

Ordering data

Intermediate terminals

dark beige Wemid	
blue Wemid	
yellow Wemid	
green/yellow Wemid	

End terminals

With fixing option on the outside; required 1x when building blocks	dark beige Wemid
	blue Wemid
	yellow Wemid

Information

Accessories

Cross-connection, pluggable

	2-pole
	3-pole
	4-pole
ZQV 2.5N/4	10-pole
	50-pole

End plate / partition

dark beige Wemid	
blue Wemid	
orange PA	

End bracket

Fixing blocks

required 1x when building blocks	dark beige Wemid
(alternatively to end terminals)	blue Wemid

Screwdriver

Standard version	
------------------	--

Mounting foot f. TS15 and TS35

dark beige Wemid	
------------------	--

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDUB 2.5-2/2AN/RC

2.5 mm²

Two connections



5.1 x 33.2 x 28.8	
/ 2.5	
0.13 ... 2.5	

IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	25	21
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

Approvals KEMA 97ATEX2755 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

Fitted directly onto base panels by means of integrated snap-in clips

Type	Qty.	Order No.
ZDUB 2.5-2/2AN/RC	100	1712820000
ZDUB 2.5-2/2AN/RC BL	100	1712830000
ZDUB 2.5-2/2AN/RC GE	100	1712850000

Type	Order No.

The diameter of the mounting hole for the locating clip is 3.5 mm with a sheet of thickness 0.6-1.2 mm.

Type	Current [A]	Qty.	Order No.

Width [mm]			
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000

SD 0,6X3,5X100	10	9008330000
----------------	----	-------------------

DEK 5 / WS 10/5

With the help of the ZQB 2,5 (1677120000), terminals can be cross-connected.

ZDUB 2.5-2/4AN/RC

2.5 mm²

Four connections



10.2 x 33.5 x 29	
/ 2.5	
0.13 ... 2.5	

IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	25	21
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

Approvals KEMA 97ATEX2755 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

Fitted directly onto base panels by means of integrated snap-in clips

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/RC	100	1712970000
ZDUB 2.5-2/4AN/RC BL	100	1712980000
ZDUB 2.5-2/4AN/RC GE	100	1713000000

Type	Order No.

The diameter of the mounting hole for the locating clip is 3.5 mm with a sheet of thickness 0.6-1.2 mm.

Type	Current [A]	Qty.	Order No.
ZQB 2.5-2	24	50	1677120000

Width [mm]			
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000

SD 0,6X3,5X100	10	9008330000
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DEK 5 / WS 10/5

With the help of the ZQB 2,5 (1677120000), terminals can be cross-connected.

Mini terminals

Mini terminals for direct mounting

Block terminals for different fixing-systems

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage (PE: for adjacent terminal)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -

Information

Ordering data

Intermediate terminals

dark beige Wemid	
blue Wemid	
yellow Wemid	
green/yellow Wemid	

End terminals

<i>With fixing option on the outside; required 1x when building blocks</i>	dark beige Wemid
	blue Wemid
	yellow Wemid

Information

Accessories

Cross-connection, pluggable

	2-pole
	3-pole
	4-pole
ZQV 2.5N/4	10-pole
	50-pole

End plate / partition

dark beige Wemid	
blue Wemid	
orange PA	

End bracket

Fixing blocks

<i>required 1x when building blocks (alternatively to end terminals)</i>	dark beige Wemid
	blue Wemid

Screwdriver

Standard version	
------------------	--

Mounting foot f. TS15 and TS35

dark beige Wemid	
------------------	--

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDUB 2.5-2/2AN/DM

2.5 mm²

Two connections



5.1 x 33 x 24
/ 2.5
0.13 ... 2.5



IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	20	21
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

Approvals

KEMA 97ATEX2755 U

Rated connection

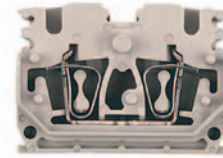
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

Direct mount

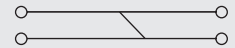
ZDUB 2.5-2/4AN/DM

2.5 mm²

Four connections



10.2 x 33.5 x 24
/ 2.5
0.13 ... 2.5



IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	25	21
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

Approvals

KEMA 97ATEX2755 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

Direct mount

Type	Qty.	Order No.
ZDUB 2.5-2/2AN/DM	100	1704350000
ZDUB 2.5-2/2AN/DM BL	100	1704360000
ZDUB 2.5-2/2AN/DM GE	100	1704380000

Type	Order No.
ZDUB 2.5-2/2AN/DB	1704500000
ZDUB 2.5-2/2AN/DB BL	1704510000
ZDUB 2.5-2/2AN/DB GE	1704530000

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/DM	100	1704540000
ZDUB 2.5-2/4AN/DM BL	100	1704550000
ZDUB 2.5-2/4AN/DM GE	100	1704570000

Type	Order No.
ZDUB 2.5-2/4AN/DB	1704690000
ZDUB 2.5-2/4AN/DB BL	1704700000
ZDUB 2.5-2/4AN/DB GE	1704720000

Type	Current [A]	Qty.	Order No.

Width [mm]		Qty.	Order No.
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000

Type	Current [A]	Qty.	Order No.
ZQB 2.5-2	24	50	1677120000

Width [mm]		Qty.	Order No.
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000

ZBB ZDUB	50	1704740000
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ZBB ZDUB	50	1704740000
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SD 0,6X3,5X100	10	9008330000
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SD 0,6X3,5X100	10	9008330000
----------------	----	-------------------

MOFU 15/35 ZDUB	50	1723660000
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MOFU 15/35 ZDUB	50	1723660000
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DEK 5 / WS 10/5

DEK 5 / WS 10/5

With the help of the ZQB 2,5 (1677120000), terminals can be cross-connected.

With the help of the ZQB 2,5 (1677120000), terminals can be cross-connected.

Mini terminals

Mini terminals TS 15

Block terminals for different fixing-systems

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage (PE: for adjacent terminal)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -

Information

Ordering data

Intermediate terminals	
	dark beige Wemid
	blue Wemid
	yellow Wemid
	green/yellow Wemid

End terminals

With fixing option on the outside; required 1x when building blocks	dark beige Wemid
	blue Wemid
	yellow Wemid

Information

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
ZQV 2.5N/4	10-pole
	50-pole

End plate / partition

	dark beige Wemid
	blue Wemid
ZAP ZDUB	orange PA

End bracket

Fixing blocks

required 1x when building blocks (alternatively to end terminals)	dark beige Wemid
	blue Wemid

Screwdriver

Standard version	SD 0,6X3,5X100	10	9008330000
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Mounting foot f. TS15 and TS35

	dark beige Wemid
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Marking systems (see large assortment in chapter M)

	Tags
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For detailed information on additional accessories and usage instructions see chapter accessories.

ZDUB 2.5-2/2AN/TS15

2.5 mm²

Two connections



5.1 x 33.5 x 32	
/ 2.5	
0.13 ... 2.5	

IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	25	21
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

Approvals KEMA 97ATEX2755 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

TS 15 - block construction

Type	Qty.	Order No.
ZDUB 2.5-2/2AN/15	100	1712750000
ZDUB 2.5-2/2AN/15 BL	100	1712760000

Type	Order No.

Type	Current [A]	Qty.	Order No.

Width [mm]			
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000
ZEW 15		20	7920340000

	SD 0,6X3,5X100	10	9008330000
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DEK 5 / WS 10/5

With the help of the ZQB 2,5 (1677120000), terminals can be cross-connected.

ZDUB 2.5-2/4AN/TS15

2.5 mm²

Four connections



10.2 x 33.5 x 32	
/ 2.5	
0.13 ... 2.5	

IEC 60947-7-1 EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	25	21
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

Approvals KEMA 97ATEX2755 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

TS 15 - block construction

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/15	100	1712780000
ZDUB 2.5-2/4AN/15 BL	100	1712790000

Type	Order No.

Type	Current [A]	Qty.	Order No.
ZQB 2.5-2	24	50	1677120000

Width [mm]			
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000
ZEW 15		20	7920340000

	SD 0,6X3,5X100	10	9008330000
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DEK 5 / WS 10/5

With the help of the ZQB 2,5 (1677120000), terminals can be cross-connected.

Mini terminals

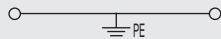
ZPEB 2.5-2

2.5 mm²

Two connections



5.1 x 33.2 x 32
/ 2.5
0.13 ... 2.5



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	275
24	20	20	20
2.5	AWG 26 ...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX2755 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

TS 15 - block construction

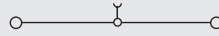
ZDUA 2.5-2

2.5 mm²

Two connections



5.1 x 35 x 30.5
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	275
24	20	20	20
2.5	AWG 22 ...12	AWG 22...12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4678 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

TS 15 - elemental construction

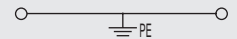
ZPEA 2.5-2

2.5 mm²

Two connections



5.1 x 35 x 30.5
/ 2.5
0.13 ... 2.5



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	275
24	20	20	20
2.5	AWG 22 ...12	AWG 26...12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4678 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

TS 15 - elemental construction

Type	Qty.	Order No.
ZPEB 2.5-2	100	1712810000

Type	Qty.	Order No.
ZDUA 2.5-2	100	1720920000
ZDUA 2.5-2 BL	100	1720930000

Type	Qty.	Order No.
ZPEA 2.5-2	100	1720950000

Type	Current [A]	Qty.	Order No.
ZAP ZDUB	5	50	1704750000
ZEW 15		20	7920340000
SD 0,6X3,5X100		10	9008330000
DEK 5 / WS 10/5			

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000
ZAP/TW ZDUA	1.5	50	1720960000
ZAP/TW ZDUA BL	1.5	50	1720970000
ZAP/TW ZDUA OR	1.5	50	1720980000
ZEW 15		20	7920340000
SD 0,6X3,5X100		10	9008330000
DEK 5 / WS 10/5			

Type	Current [A]	Qty.	Order No.
ZAP/TW ZDUA	1.5	50	1720960000
ZEW 15		20	7920340000
SD 0,6X3,5X100		10	9008330000
DEK 5 / WS 10/5			

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Mini terminals

Mini terminals TS 15

Block terminals for different fixing-systems

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage (PE: for adjacent terminal)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length/ blade size	mm / -

Information

Ordering data

Intermediate terminals	
	dark beige Wemid
	blue Wemid
	yellow Wemid
	green/yellow Wemid

End terminals

With fixing option on the outside; required 1x when building blocks	dark beige Wemid
	blue Wemid
	yellow Wemid

Information

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
ZQV 2.5N/4	10-pole
	50-pole

End plate / partition

	dark beige Wemid
	blue Wemid
ZAP ZDUB	orange PA

End bracket

--	--

Fixing blocks

required 1x when building blocks	dark beige Wemid
(alternatively to end terminals)	blue Wemid

Screwdriver

Standard version	
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Mounting foot f. TS15 and TS35

	dark beige Wemid
--	------------------

Marking systems (see large assortment in chapter M)

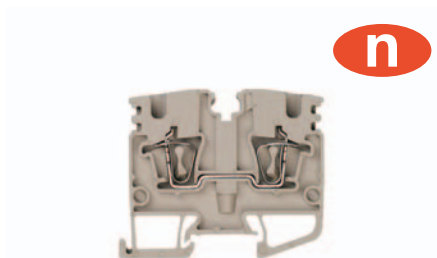
Tags	
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For detailed information on additional accessories and usage instructions see chapter accessories.

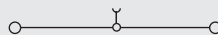
ZDUA 2.5-2N

2.5 mm²

Two connections



5.1 x 42.3 x 34.7
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	300	300	
24	20	20	
2.5	AWG 26 ...12	AWG 26...12	
		8 / 3	
		A2 / V-0	



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

TS 15 - elemental construction

Type	Qty.	Order No.
ZDUA 2.5-2N	100	1808200000
ZDUA 2.5-2N BL	100	1808180000

Type	Order No.

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/50 GE	24	10	1693890000

Width [mm]			
ZAP/TW ZDUA2.5-2N	2.5	50	1808170000

ZAP/TW ZDUA2.5-2N OR	2.5	50	1808160000
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ZEW 15	20	7920340000
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SD 0,6X3,5X100	10	9008330000
----------------	----	------------

DEK 5 / WS 10/5

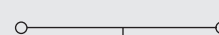
ZPEA 2.5-2N

2.5 mm²

Two connections



5.1 x 42.3 x 34.7
/ 2.5
0.13 ... 2.5



IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	
		8 / 3	
		A2 / V-0	



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

TS 15 - elemental construction

Type	Qty.	Order No.
ZPEA 2.5-2N	100	1808210000

Type	Order No.

Type	Current [A]	Qty.	Order No.

Width [mm]			
ZAP/TW ZDUA2.5-2N	2.5	50	1808170000

ZEW 15	20	7920340000
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SD 0,6X3,5X100	10	9008330000
----------------	----	------------

DEK 5 / WS 10/5

Terminals with electronic components

Terminals with electronic components

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Electronic fixtures

Diode current / diode voltage	V / A
LED-voltage, LED-current, polarity	V / mA / -
Resistance / Varistor	-/V

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version	
Design of terminal	dark beige Wemid
see circuit diagram above	green Wemid
	Dark beige Wemid (LED red)
	Dark beige Wemid (LED green)

Information

Accessories

Cross-connection, pluggable



(ZQV 2.5N/4)

2-pole
3-pole
4-pole
10-pole
50-pole

Cross-connection, screwable



WQV 2.5-3

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

End plate / partition

dark beige Wemid

End bracket

dark beige / beige

Screwdriver



w. cutting device "swifty set"
Standard version

Reducing sleeves

for conductors < 0.5mm² / AWG 20
for conductors < 1.0mm² / AWG 18

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZDU 2.5/2x2AN/LD

2.5 mm²

LED display



5.1 x 79.1 x 39.5

/ 4

0.08 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
24			
0.05			
2.5			
	6 / 3		
	A3 / V-0		

Rated connection

0.5...4
0.5...4 / 0.5...2.5

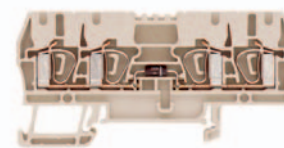
10 / 0.6 x 3.5

Additional connection

ZDU 2.5/2x2AN/D

2.5 mm²

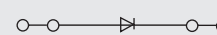
Diode circuit



5.1 x 79.1 x 39.5

/ 4

0.08 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400			
1			
2.5			
	6 / 3		
	A3 / V-0		

1000 / 1

/ 1000

Rated connection

0.5...4
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

Additional connection

Type	Qty.	Order No.
ZDU 2.5/2x2AN/D+	20	1650340000

Soldered up diode: Type 1N 4007, reverse voltage 1000V, current 1 A

Type	Qty.	Order No.
ZDU 2.5/2x2AN/LD+	20	1692590000

Type

Type	Current [A]	Qty.	Qty.

Current [A]

Type	Current [A]	Qty.	Qty.

Width [mm]

Type	Width [mm]	Qty.	Qty.
ZAP/TW 3	2	50	1608800000
ZEW	6	20	9540000000

Width [mm]

Type	Width [mm]	Qty.	Qty.
SD 0,6X3,5X100		10	9008330000

Width [mm]

Type	Width [mm]	Qty.	Qty.
ZRH 2.5/1 WS		100	1614300000
ZRH 2.5/2 GR/V0		100	1614290000

Width [mm]

Type	Width [mm]	Qty.	Qty.
DEK 5 / WS 10/5			

Type

Type	Current [A]	Qty.	Qty.

Current [A]

Type	Current [A]	Qty.	Qty.

Width [mm]

Type	Width [mm]	Qty.	Qty.
ZAP/TW 3	2	50	1608800000
ZEW	6	20	9540000000

Width [mm]

Type	Width [mm]	Qty.	Qty.
SD 0,6X3,5X100		10	9008330000

Width [mm]

Type	Width [mm]	Qty.	Qty.
ZRH 2.5/1 WS		100	1614300000
ZRH 2.5/2 GR/V0		100	1614290000

Width [mm]

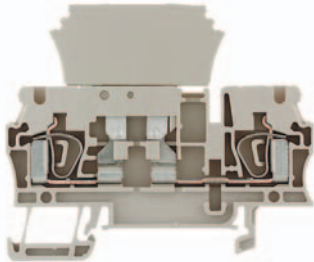
Type	Width [mm]	Qty.	Qty.
DEK 5 / WS 10/5			

Terminals with electronic components

ZTR 2.5/D

2.5 mm²

Diode circuit



5.1 x 68.5 x 57
/ 4
0.08 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
10	1	1	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A3 / V-0		



1000 / 1

/ 1000

Rated connection **Additional connection**

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

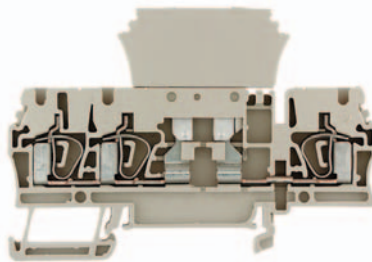
Type	Qty.	Order No.
ZTR 2.5/D+	50	1608710000

Soldered up diode: Type 1N 4007, reverse voltage 1000V, current 1 A;
current of the through-going busbar = 10 A

ZTR 2.5/3AN/D

2.5 mm²

Diode circuit



5.1 x 83 x 57
/ 4
0.08 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
10	1	1	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A3 / V-0		



1000 / 1

/ 1000

Rated connection **Additional connection**

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

Type	Qty.	Order No.
ZTR 2.5/3AN/D+	50	1670330000

Soldered up diode: Type 1N 4007, reverse voltage 1000V, current 1 A;
current of the through-going busbar = 10 A

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
Current [A]			

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
Current [A]			

Width [mm]			
ZAP/TW 2 DB	2	50	1608770000
Width [mm]			
ZEW	6	20	9540000000

Width [mm]			
ZAP/TW 3	2	50	1608800000
Width [mm]			
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 2.5/1 WS	100	1614300000
ZRH 2.5/2 GR/V0	100	1614290000

ZRH 2.5/1 WS	100	1614300000
ZRH 2.5/2 GR/V0	100	1614290000

DEK 5 / WS 10/5

DEK 5 / WS 10/5

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Terminals with electronic components

Terminals with electronic components

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Electronic fixtures

Diode current / diode voltage	V / A
LED-voltage, LED-current, polarity	V / mA / -
Resistance	-/V

Clampable conductors (H05V/H07V)

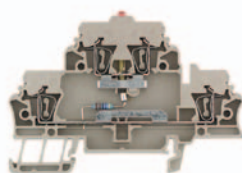
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

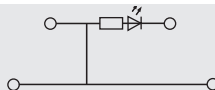
ZDK 2.5/1.5LD 1...4

2.5 mm²

LED display



5.1 x 79.1 x 54
/ 2.5
0.08 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
24	24	24	
10	10	10	
2.5	AWG 26 ...14	AWG 26...12	
			/ 3
			A2 / V-0



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5

Additional connection

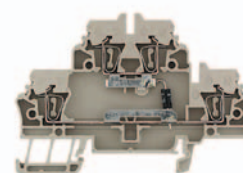
10 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

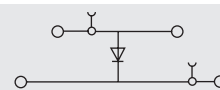
ZDK 2.5/1.5/D/1...6

2.5 mm²

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.08 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
500	300	300	
10	10	10	
2.5	AWG 26 ...14	AWG 26...12	
			6 / 3
			A2 / V-0



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5

Additional connection

10 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

1000 / 1

/ 1000

Type	Qty.	Order No.
ZDK 2.5/1.5/D/1	50	1690020000

Soldered up diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of the through-going busbar = 10 A

Ordering data

Version	
Design of terminal	dark beige Wemid
see circuit diagram above	green Wemid
	Dark beige Wemid (LED red)
	Dark beige Wemid (LED green)


Information

Type	Qty.	Order No.
ZDK 2.5/1.5/LD RT/1	50	1690010000
ZDK 2.5/1.5/LD GN/1		1713480000

Current of the through-going busbar = 10 A

Accessories

Cross-connection, pluggable

	(ZQV 2.5N/4)	2-pole	24	60	1608860000
		3-pole	24	60	1608870000
		4-pole	24	60	1608880000
		10-pole	24	20	1608940000
		50-pole	24	10	1697540000

Cross-connection, screwable

	WQV 2.5-3	2-pole			
		3-pole			
		4-pole			
		10-pole			

End plate / partition

dark beige Wemid

End bracket

dark beige / beige

Screwdriver

w. cutting device "swifty set"

Standard version

Reducing sleeves

for conductors < 0.5mm² / AWG 20for conductors < 1.0mm² / AWG 18

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Current [A]

Width [mm]	
ZAP/TW ZDK2.5/1.5	1.5 20 1674730000

Width [mm]

ZEW	6 20 9540000000
-----	------------------------

SD 0,6X3,5X100	10	9008330000
----------------	----	-------------------

ZRH 1.5H/1	100	1678810000
------------	-----	-------------------

ZRH 1.5H/2	100	1678800000
------------	-----	-------------------

DEK 5 / WS 10/5

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Current [A]

Width [mm]	
ZAP/TW ZDK2.5/1.5	1.5 20 1674730000

Width [mm]

ZEW	6 20 9540000000
-----	------------------------

SD 0,6X3,5X100	10	9008330000
----------------	----	-------------------

ZRH 1.5H/1	100	1678810000
------------	-----	-------------------

ZRH 1.5H/2	100	1678800000
------------	-----	-------------------

DEK 5 / WS 10/5

Terminals with electronic components

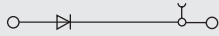
ZDU 2,5-2/D

2.5 mm²

Diode circuit



5.1 x 50.5 x 44
/ 2.5
0.08 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	600	600	
1	1	1	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A2 / V-0		

(BL)

1000 / 1

/ 1000

Rated connection **Additional connection**

0.5...2.5
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5

Flexible conductor 2,5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDU 2,5-2/D+	20	1779110000

Soldered up diode: Type 1N 4007, reverse voltage 1000V, current 1 A

Type	Current [A]	Qty.	Qty.
ZQV 2,5/2	24	60	1608860000
ZQV 2,5/3	24	60	1608870000
ZQV 2,5/4	24	60	1608880000
ZQV 2,5/10	24	20	1608940000
ZQV 2,5/50	24	10	1697540000

Current [A]

Type	Width [mm]	Qty.	Order No.
ZAP/TW7	2.5	50	1706110000
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

DEK 5 / WS 14/5

ZDK 4-2/D

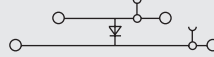
4 mm²

Diode circuit



n

6.1 x 77.6 x 61
/ 6
0.08 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	300	300	
1	1	1	
4	AWG 26 ...10	AWG 26...10	
	8 / 3		
	A3 / V-0		

1000 / 1

/ 1000

Rated connection **Additional connection**

0.5...6 / 1.5...4
0.5...4 / 0.5...4

10 / 0.6 x 3.5

Type	Qty.	Order No.
ZDK 4-2/D forward	50	8670520000

Type	Current [A]	Qty.	Qty.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Current [A]

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDK 4-2	2	50	8670760000
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

DEK 6

ZDK 4-2/MOV

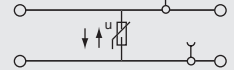
4 mm²

Varistor



n

6.1 x 77.6 x 61
/ 6
0.08 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
140			
4			
	8 / 3		
	A3 / V-0		

140

/ 140

Rated connection **Additional connection**

0.5...6 / 1.5...4
0.5...4 / 0.5...4

11 / 3.5 x 0.6

Type	Qty.	Order No.
ZDK 4-2/MOV	50	8670700000

Type	Current [A]	Qty.	Qty.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

Current [A]

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDK 4-2	2	50	8670760000
ZEW	6	20	9540000000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

DEK 6

Disconnect test terminals

Disconnect test terminal

Terminals for power supply

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range disconnecter	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version	
dark beige Wemid	With socket
	Without socket

Information


Accessories

Cross-connection	
ZQV: pluggable cross-connection	2-pole
WQV: screwable cross-connection	3-pole
QL: screwable cross-connection	4-pole
	10-pole / 32-pole
	Connecting sleeve for cross-conn. QL
	Fixing screw for cross-conn. QL

End plate / partition

dark beige Wemid	End plate
	Partition

Cross-connection slider

	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
	Fixing screw for QVS

Testing

	Test plug
	Socket, yellow
	Socket, green
	Socket, violet
	Socket, blue

Other accessories

	Lockout device
	Short-circuit-plug, 2-pole
Without insulating cap	Socket

Marking systems (see large assortment in chapter M)

	Tags
--	------

For detailed information on additional accessories and usage instructions see chapter accessories.

ZTD 6

6 mm²

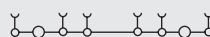
Feed-through terminal



8 x 106 x 47.5

52 / 10

0.5 ... 10



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
800	300	300	
41	33	33	
6	AWG 20 ...8	AWG 20...8	
		8 / 3	
		A5 / V-0	

Rated connection

0.5...10 / 1.5...6

0.5...6 / 0.5...6

13 / 0.8 x 4

400V when used as isolating terminal.

ZTL 6

6 mm²

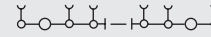
Disconnect test terminal



8 x 106 x 47.5

52 / 10

0.5 ... 10



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
800	300	300	
41	33	33	
6	AWG 20 ...8	AWG 20...8	
		8 / 3	
		A5 / V-0	

Rated connection

0.5...10 / 1.5...6

0.5...6 / 0.5...6

13 / 0.8 x 4

400V when used as isolating terminal.

Type	Qty.	Order No.
ZTD 6/STB	20	1771960000
ZTD 6	20	1771810000

Type	Qty.	Order No.
ZTL 6/STB	20	1771950000
ZTL 6	20	1771800000

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000
ZQV 6/32 GE	41	10	1733640000

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	1627850000
ZQV 6/3 GE	41	60	1627860000
ZQV 6/4 GE	41	60	1627870000
ZQV 6/32 GE	41	10	1733640000

Type	Width [mm]	Qty.	Order No.
ZTW ZTL6	2	20	1771870000

Type	Width [mm]	Qty.	Order No.
ZTW ZTL6	2	20	1771870000

Type	Qty.	Order No.
PS 4 F.STB 4	20	0299600000
STB 21.6/IH/GE WTL6/3	50	1071010000
STB 21.6/IH/GN WTL6/3	50	1071020000
STB 21.6/IH/VI WTL6/3	50	1071030000
STB 21.6/IH/BL WTL6/3	50	1071080000

Type	Qty.	Order No.
PS 4 F.STB 4	20	0299600000
STB 21.6/IH/GE WTL6/3	50	1071010000
STB 21.6/IH/GN WTL6/3	50	1071020000
STB 21.6/IH/VI WTL6/3	50	1071030000
STB 21.6/IH/BL WTL6/3	50	1071080000

Type	Qty.	Order No.
KSBR/2 ZTL6	20	1771820000

Type	Qty.	Order No.
SSP ZTL6	100	1771860000
KSBR/2 ZTL6	20	1771820000

DEK 8 / WS 12/6,5

DEK 8 / WS 12/6,5

Pluggable tag mount for additional tags above the cross-connection channels.

Accessories

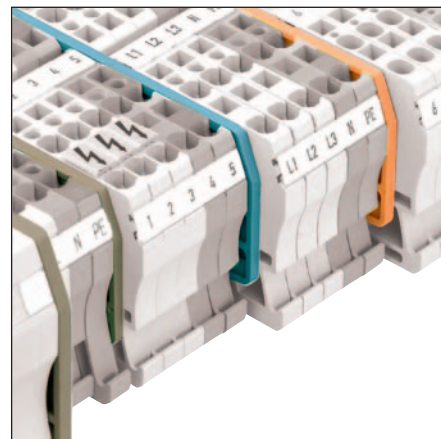
Extra functions

Weidmüller offers the user of Z series terminals a comprehensive range of accessories, providing optimal solutions whatever the problem, and even going over and above standard functions.

The accessories are subject to the same quality demands as the actual terminals.

Visual separation

Page C.98

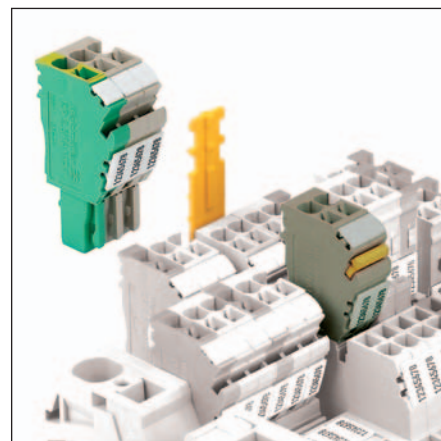


To guarantee "finger-safe" use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

End cover plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Pluggable terminals

Page C.108

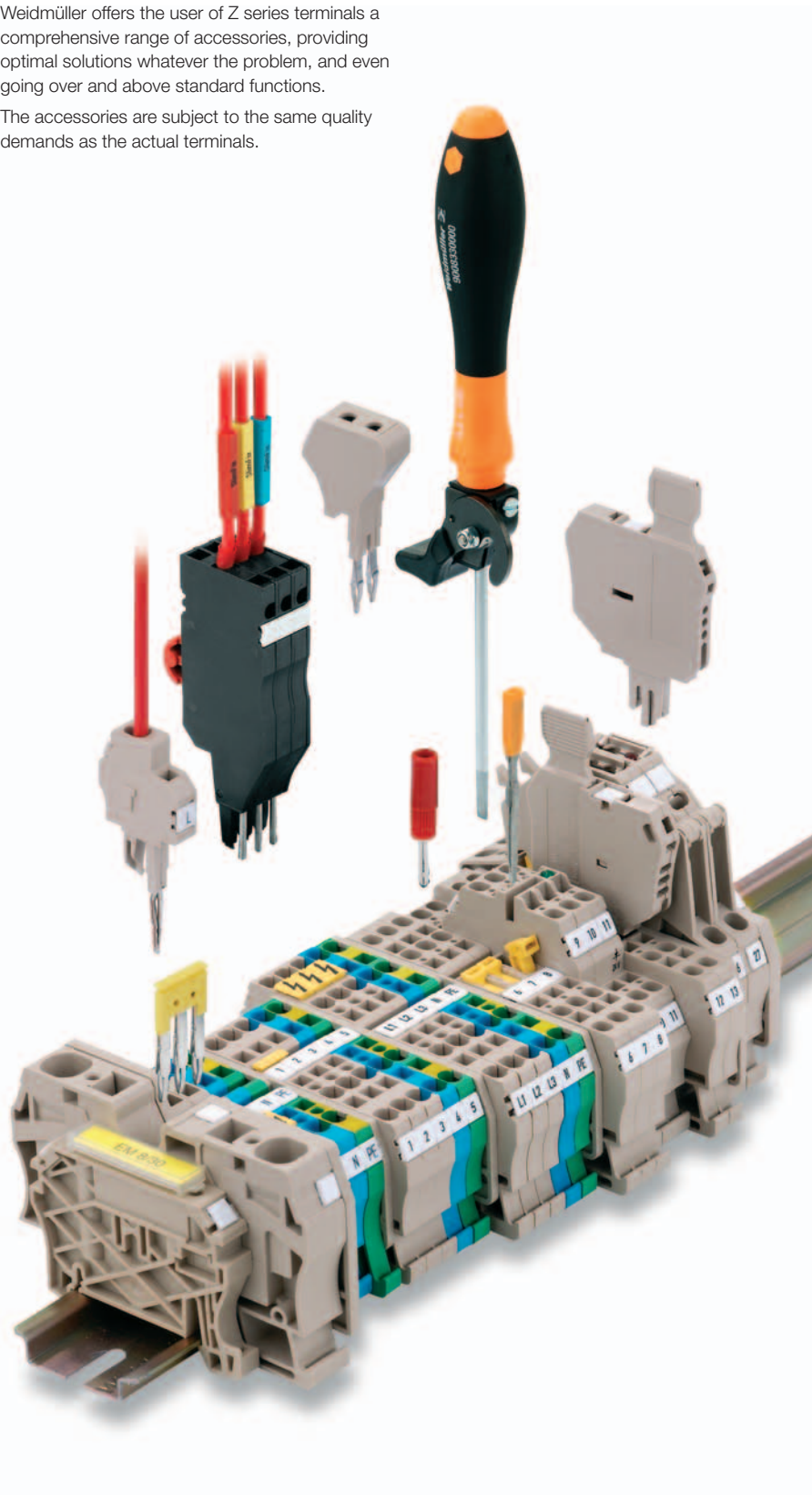


WeiCoS – Weidmüller Connection System

This new generation of pluggable terminals is structured on the modular principle. The basic elements of the WeiCoS system are one terminal for the functional unit on the mounting rail and a plug-in connector for elements to be connected (cable harness production).

Advantages:

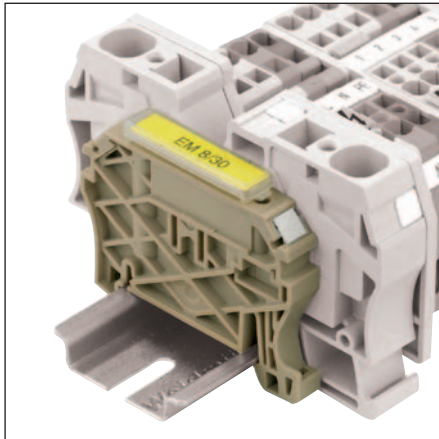
- Quick assembly
- Fully plugged-in functional units possible
- Quick and simple replacement during servicing



Accessories

Fastening

Chapter F



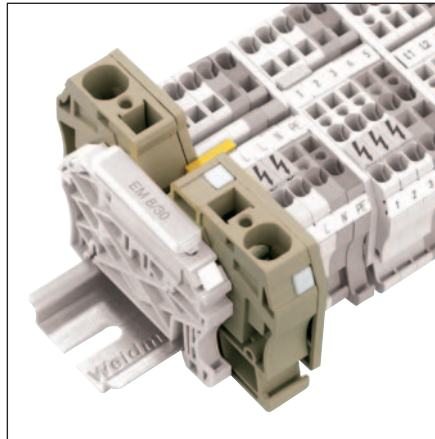
An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position.

The marking surface of the end bracket can also be used for group marking.

Details of the wide range of Weidmüller end brackets and mounting rails are given in **Chapter F**.

Electrical supply

Page C.101



Weidmüller's tension clamp terminals have three supply terminals:

- ZEI 16** for standard terminals
- ZEI 16/2-1AN** for roof-type terminals
- ZEI 6** for ZDU 1.5 ...

Cross-connections divide the supply current into several feeder currents.

Current is supplied across a conductor cross-section of 16 mm² and then distributed across neighbouring terminals for 1.5 mm², 2.5 mm², 4 mm² and 6 mm² cross-sectional areas.

Electrical distribution

Page C.103

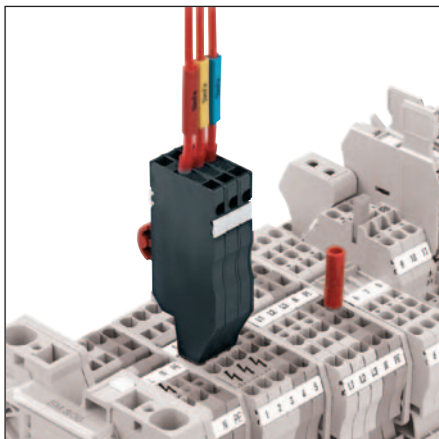


A pluggable **cross-connection system (ZQV)** is available for all Z series terminals.

The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be conveyed across the cross-section, depending on the rated voltage of the terminal.

Testing

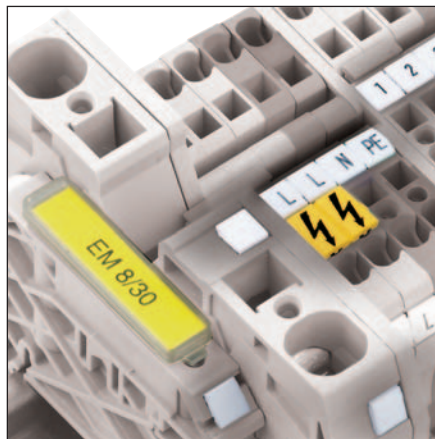
Page C.110



The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in switch cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. It is simply slotted onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal simply by pressing the release button.

Marking and connecting

Chapter M, chapter N, page C.112



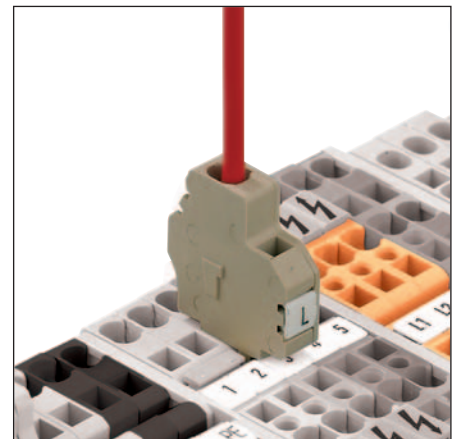
Weidmüller's marking systems in **chapter M** are used to mark tension clamp terminals. Individual terminal points, terminal groups and conductors can be marked.

The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter N**.

As an alternative to screwdrivers, fully insulated operating tools are also available; see page **C.112**

Specific functions/colour variations

Page C.113

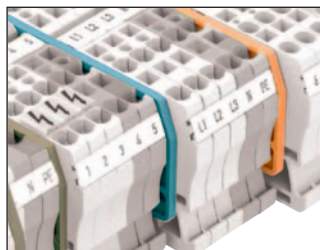


Further helpful accessories are available for terminals using tension clamp technology, such as:

- Pluggable extra connections (ZZA)
- Housings for installation of electronic components (ZBS 1)
- Pluggable fuse holder (SIHA 1 to SIHA 3)
- Terminals in various colours.

Accessories – Visual separation

End cover plates



Shock protection

With only a few exceptions, the final terminal in a terminal assemble must be covered with an end cover plate of type ZAP/TW. End cover plates (AP) are also to be inserted in a terminal assemble with different sized terminals. This guarantees shock protection from conducting parts and ensures that the terminals are “finger-safe”.

Visual separation

Coloured end cover plates are frequently used for visual separation of power circuits, in order to prevent wiring errors.

Ensure correct operating voltage

End cover plates (AP) can also be used to ensure the necessary creepage and clearance paths are present, to make sure that the rated voltage for the application is provided. For example, cross-connections can be set directly next to each other.

Identical contours

The outer dimensions of the end cover plates (AP) correspond to the dimensions of the terminal.

Mounting

The end cover plate (AP) can simply be clipped onto the corresponding terminal. Recesses in the terminals ensure that contours are identical with correct positioning.

... for standard terminals

Type	Colour	Qty.	Order no.	For terminal:
Width 2 mm				
ZAP/TW ZDU 1.5/2 AN	Dark beige	50	1776030000	ZDU 1.5
ZAP/TW ZDU 1.5/2 AN BL	Blue	50	1776040000	ZPE 1.5
ZAP/TW ZDU 1.5/2 AN OR	Orange	50	1776050000	
Width 2 mm				
ZAP/TW ZDU 1.5/3 AN	Dark beige	50	1776060000	ZDU 1.5/3 AN
ZAP/TW ZDU 1.5/3 AN BL	Blue	50	1776070000	ZPE 1.5/3 AN
ZAP/TW ZDU 1.5/3 AN OR	Orange	50	1776080000	
Width 2 mm				
ZAP/TW ZDU 1.5/4 AN	Dark beige	50	1776090000	ZDU 1.5/4 AN
ZAP/TW ZDU 1.5/4 AN BL	Blue	50	1776100000	ZPE 1.5/4 ANL
ZAP/TW ZDU 1.5/4 AN OR	Orange	50	1776110000	
Width 2 mm				
ZAP/TW ZDK1.5	Dark beige	20	1791160000	ZDK 1.5
ZAP/TW ZDK1.5 BL	Blue	20	1791170000	ZDK 1.5 V
ZAP/TW ZDK1.5 OR	Orange	20	1791180000	ZDK 1.5 PE
Width 2 mm				
ZAP/TW 1	Dark beige	50	1608740000	ZDU 2.5
ZAP/TW 1 BL	Blue	50	1608750000	ZPE 2.5
ZAP/TW 1 OR	Orange	50	1608760000	
ZAP/TW 1 BR	Brown	50	1683700000	
ZAP/TW 1 GE	Yellow	50	1683670000	
ZAP/TW 1 GN	Green	50	1683680000	
ZAP/TW 1 GR	Grey	50	1683710000	
ZAP/TW 1 RT	Red	50	1683660000	
ZAP/TW 1 SW	Black	50	1683730000	
ZAP/TW 1 VI	Violet	50	1683690000	
ZAP/TW 1 WS	White	50	1683720000	
Width 2 mm				
ZAP/TW 2 DB	Dark beige	50	1608770000	ZDU 2.5/3 AN
ZAP/TW 2 BL	Blue	50	1608780000	ZPE 2.5/3 AN
ZAP/TW 2 OR	Orange	50	1608790000	ZTR 2.5...
ZAP/TW 2 BR	Brown	50	1683780000	ZTR 2.5/Sl...
ZAP/TW 2 GE	Yellow	50	1683750000	
ZAP/TW 2 GN	Green	50	1683760000	
ZAP/TW 2 GR	Grey	50	1683790000	
ZAP/TW 2 RT	Red	50	1683740000	
ZAP/TW 2 SW	Black	50	1683810000	
ZAP/TW 2 VI	Violet	50	1683770000	
ZAP/TW 2 WS	White	50	1683800000	
Width 2 mm				
ZAP/TW 3	Dark beige	50	1608800000	ZDU 2.5/4 AN
ZAP/TW 3 BL	Blue	50	1608810000	ZDU 2.5/2x2 AN...
ZAP/TW 3 OR	Orange	50	1608820000	ZPE 2.5/4 AN
ZAP/TW 3 BR	Brown	50	1683860000	ZTR 2.5/3 AN...
ZAP/TW 3 GE	Yellow	50	1683830000	ZTR 2.5/4 AN...
ZAP/TW 3 GN	Green	50	1683840000	ZSI 2.5...
ZAP/TW 3 GR	Grey	50	1683870000	ZSI 2.5/5 x 25...
ZAP/TW 3 RT	Red	50	1683820000	
ZAP/TW 3 SW	Black	50	1683890000	
ZAP/TW 3 VI	Violet	50	1683850000	
ZAP/TW 3 WS	White	50	1683880000	
Width 2 mm				
ZAP/TW ZDK2.5/1.5	Dark beige	20	1674730000	ZDK 2.5/1.5
ZAP/TW ZDK2.5/1.5 BL	Blue	20	1748800000	ZDK 2.5/1.5 V
ZAP/TW ZDK2.5/1.5 OR	Orange	20	1690080000	ZDK 2.5/1.5 N-DU ZDK 2.5/1.5 DU-PE ZDK 2.5/1.5 PE ZDK 2.5/1.5/LD/1 ZDK 2.5/1.5/LD/2 ZDK 2.5/1.5/D/1...6
Width 2 mm				
ZAP ZDLD2.5-2 N	Dark beige	20	1782340000	ZDLD 2.5-2 N
ZAP ZDLD2.5-2 N BL	Blue	20	1782350000	ZDLD 2.5-2 VN
ZAP ZDLD2.5-2 N OR	Orange	20	1782360000	

Accessories – Visual separation

... for standard terminals

Type	Colour	Qty.	Order no.	For terminal:	
Width 1.5 mm					
ZAP/ZMAK 2.5	Dark beige	10	1768010000	ZMAK 2.5	
Width 1.5 mm					
AP ZDTR2.5	Dark beige	20	1745420000	ZDTR 2.5	
AP ZDTR2.5 BL	Blue	20	1798340000		
AP ZDTR2.5 OR	Orange	20	1745430000		
Width 2 mm					
ZAP/TW 4 DB	Dark beige	50	1632090000	ZDU 4 ZPE 4	
ZAP/TW 4 BL	Blue	50	1632100000		
ZAP/TW 4 OR	Orange	50	1632110000	ZDU 4 ZPE 4	
ZAP/TW 4 BR	Brown	50	1683940000		
ZAP/TW 4 GE	Yellow	50	1683910000		
ZAP/TW 4 GN	Green	50	1683920000		
ZAP/TW 4 GR	Grey	50	1683950000		
ZAP/TW 4 RT	Red	50	1683900000		
ZAP/TW 4 SW	Black	50	1683970000		
ZAP/TW 4 VI	Violet	50	1683930000		
ZAP/TW 4 WS	White	50	1683960000		
Width 2 mm					
ZAP/TW 4/3 AN	Dark beige	20	7904100000		ZDU 4/3 AN ZPE 4/3 AN
ZAP/TW 4/3 AN BL	Blue	20	7904110000		
ZAP/TW 4/3 AN OR	Orange	20	7904120000		
Width 2 mm					
ZAP/TW 4/4 AN	Dark beige	20	7904210000		ZDU 4/4 AN ZPE 4/4 AN
ZAP/TW 4/4 AN BL	Blue	20	7904220000		
ZAP/TW 4/4 AN OR	Orange	20	7904230000		
Width 2 mm					
ZAP/TW 5	Dark beige	50	1608830000	ZDU 6 ZPE 6	
ZAP/TW 5 BL	Blue	50	1608840000		
ZAP/TW 5 OR	Orange	50	1608850000		
Width 2 mm					
ZAP/TW 6/3 AN	Dark beige	20	7907370000	ZDU 6/3 AN ZPE 6/3 AN	
ZAP/TW 6/3 AN BL	Blue	20	7907380000		
ZAP/TW 6/3 AN OR	Orange	20	7907390000		
Width 2.7 mm					
ZAP/TW ZDU 10	Dark beige	20	1748660000	ZDU 10 ZPE 10	
ZAP/TW ZDU 10 BL	Blue	20	1764110000		
ZAP/TW ZDU 10 OR	Orange	20	1748670000		
Width 2.7 mm					
ZAP/TW 10/16	Dark beige	20	1749580000	ZDU 10/3 AN ZDU 16/3 AN ZPE 10/3 AN ZPE 16/3 AN	
ZAP/TW 10/16 BL	Blue	20	1768520000		
ZAP/TW 10/16 OR	Orange	20	1749590000		
Width 2.7 mm					
ZAP/TW ZDU16	Dark beige	20	1745150000	ZDU 16 ZPE 16	
ZAP/TW ZDU16 BL	Blue	20	1764100000		
ZAP/TW ZDU16 OR	Orange	20	1745160000		

... for roof-style terminals

Type	Colour	Qty.	Order no.	For terminal:
Width 2 mm				
ZAP/TW7	Dark beige	50	1706110000	ZDU 2.5-2 ZDU 2.5-2/3 AN ZDU 2.5-2/4 AN ZPE 2.5-2 ZPE 2.5-2/3 AN ZPE 2.5-2/4 AN ZTR 2.5-2 ZTR 2.5-2/SI ZTR 2.5-2/D
ZAP/TW7 BL	Blue	50	1706120000	
ZAP/TW7 OR	Orange	50	1706130000	
Width 2 mm				
ZAP/TW ZDK 2.5-2	Dark beige	20	1791050000	
ZAP/TW ZDK 2.5-2 BL	Blue	20	1791060000	
ZAP/TW ZDK 2.5-2 OR	Orange	20	1791070000	
Width 2 mm				
ZAP/TW ZDKPE 2.5-2	Dark beige	20	1805960000	ZDKPE 2.5-2
ZAP/TW ZDKPE 2.5-2 OR	Orange	20	1805970000	
Width 2 mm				
ZAP ZDU 4-2	Dark beige	50	1770400000	ZDU 4-2 ZDU 4-2/3 AN ZPE 4-2 ZPE 4-2/3 AN
ZAP ZDU 4-2 BL	Blue	50	1770880000	
ZAP ZDU 4-2 OR	Orange	50	1770890000	
Width 2 mm				
ZAP ZDU 4-2/4 AN	Dark beige	50	1807010000	ZDU 4-2/4 AN ZPE 4-2/4 AN
ZAP ZDU 4-2/4 AN BL	Blue	50	1807020000	
ZAP ZDU 4-2/4 AN OR	Orange	50	1807030000	
Width 2 mm				
ZAP ZDU 6-2	Dark beige	50	1771440000	ZDU 6-2 ZDU 6-2/3 AN ZPE 6-2 ZPE 6-2/3 AN
ZAP ZDU 6-2 BL	Blue	50	1771450000	
ZAP ZDU 6-2 OR	Orange	50	1771460000	
ZAP ZDU 6-2 SW	Black	50	1814710000	
Width 1.8 mm				
ZAP/ZDU 16-2/1AN	Dark beige	20	1772970000	ZPE 16-2/1AN

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories – Visual separation

... for initiator actuator terminals

Type	Colour	Qty.	Order no.	For terminal:
Width 5 mm				
ZAP/TW ZPV 1.5	Dark beige	50	1674650000	ZPV 1.5
Width 5 mm				
ZAP/TWZIA 1.5/3L	Dark beige	50	1649540000	ZIA1.5/3L-1S ZIA1.5/3L-PE
Width 2.5 mm				
ZAP/TWZIA 1.5/4L	Dark beige	50	1649550000	ZIA1.5/4L-1S ZIA1.5/4L-PE
Width 5.1 mm				
AP ZRV 1.5 DB	Dark beige	10	1698180000	

... for installation terminals

Type	Colour	Qty.	Order no.	For terminal:
Width 1.5 mm				
ZAP ZDL 2.5S	Dark beige	20	1720900000	ZDL 2.5/S...
Width 3 mm				
ZHP ZDL 2.5S BL	Blue	20	1720890000	ZDL 2.5/S...
ZHP Z/W BL	Blue	20	1745180000	ZDK 4/S... ZDK 6/S...
Width 5 mm				
ZHP Z/W SO		20	1781070000	ZDL 2.5/S... ZDK 4/S... ZDK 6/S...
Width 1.5 mm				
ZAP ZDL 2.5	Dark beige	20	1720910000	ZDL 2.5...
Width 1.5 mm				
ZAP ZDU 2.5 S	Dark beige	20	1808030000	ZDU 2.5 S
ZAP ZDU 2.5 S BL	Blue	20	1808040000	ZNT 2.5 S
ZAP ZDU 2.5 S OR	Orange	20	1808050000	ZPE 2.5 S
Width 1.5 mm				
ZAP ZDU 4 S	Dark beige	20	1808380000	ZDU 4 S
ZAP ZDU 4 S BL	Blue	20	1808390000	ZNT 4 S
ZAP ZDU 4 S OR	Orange	20	1808400000	ZPE 4 S
Width 1.5 mm				
ZAP ZDU 6 S	Dark beige	20	1808250000	ZDU 6 S
ZAP ZDU 6 S BL	Blue	20	1808260000	ZNT 6 S
ZAP ZDU 6 S OR	Orange	20	1808270000	ZPE 6 S
Width 2 mm				
ZAP ZDU 10/16 S	Dark beige	20	1739660000	ZDU 10 S, ZDU 16 S ZNT 10 S, ZNT 16 S ZPE 10 S, ZPE 16 S
Width 2 mm				
ZAP/ZDK 4/6/S	Dark beige	20	1733240000	ZDK 4/S... ZDK 6/S...
Width 3 mm				
ZHP S SO		20	1808280000	ZDU 2.5 S
ZHP S		20	1808290000	ZNT 2.5 S ZPE 2.5 S ZDU 4 S, ZDU 6 S ZNT 4 S, ZNT 6 S ZPE 4 S, ZPE 6 S ZDU 10 S, ZDU 16 S ZNT 10 S, ZNT 16 S ZPE 10 S, ZPE 16 S

... for mini-terminals

Type	Colour	Qty.	Order no.	For terminal:
Width 1.5 mm				
ZAP/TW ZDUA	Dark beige	50	1720960000	ZDUA 2.5-2
ZAP/TW ZDUA BL	Blue	50	1720970000	ZPEA 2.5-2
ZAP/TW ZDUA OR	Orange	50	1720980000	
Width 2 mm				
ZAP/TW ZDUA2.5-2N	Dark beige	50	1808170000	ZDUA 2.5-2N
ZAP/TW ZDUA2.5-2N BL	Blue	50	1808150000	ZPEA 2.5-2N
ZAP/TW ZDUA2.5-2N OR	Orange	50	1808160000	
Width 5.1 mm				
ZAP ZDUB	Dark beige	50	1704750000	ZDUB 2.5/2 AN...
ZAP ZDUB BL	Blue	50	1704760000	ZDUB 2.5/4 AN...
ZAP ZDUB OR	Orange	50	1704770000	ZPEB 2.5/2 AN
Width 5.1 mm				
ZTW ZDUB	Dark beige	50	1704340000	ZDUB 2.5/2 AN... ZDUB 2.5/4 AN... ZPEB 2.5/2 AN

... for WeiCoS pluggable terminals

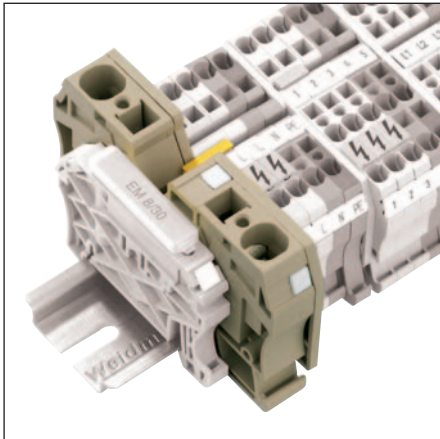
Type	Colour	Qty.	Order no.	For terminal:
Width 2.5 mm				
ZAP/TW ZT 2.5/2 AN	Dark beige	50	1816030000	ZT 2.5/2 AN/1
ZAP/TW ZT 2.5/2 AN OR	Orange	50	1816040000	ZTPE 2.5/2 AN/1
Width 2.5 mm				
ZAP/TW ZT 2.5/3 AN	Dark beige	50	1816050000	ZT 2.5/3 AN/1
ZAP/TW ZT 2.5/3 AN OR	Orange	50	1816060000	ZTPE 2.5/3 AN/1
Width 2.5 mm				
ZAP/TW ZT 2.5/4 AN/2	Dark beige	50	1816070000	ZT 2.5/4 AN/2
ZAP/TW ZT 2.5/4 AN/2 OR	Orange	50	1816080000	ZTPE 2.5/4 AN/2
Width 2.5 mm				
ZAP/TW ZT 2.5/4 AN/4	Dark beige	50	1816090000	ZT 2.5/4 AN/4
ZAP/TW ZT 2.5/4 AN/4 OR	Orange	50	1816100000	ZTPE 2.5/4 AN/4
Width 2.5 mm				
ZAP/TW ZDT 2.5/2	Dark beige	50	1816110000	ZDT 2.5/2
ZAP/TW ZDT 2.5/2 OR	Orange	50	1816120000	ZDT 2.5/2 DU-PE ZDT 2.5/2 PE

... for other applications

Type	Colour	Qty.	Order no.	For terminal:
Width 2 mm				
ZTW ZTL6	Dark beige	20	1771870000	ZTL 6/STB
ZTW ZTL6 OR	Orange	20	1771880000	ZTD 6
Width 1.5 mm				
ZAP ZDU 4 NT	Dark beige	20	1757970000	ZDU 4NT
ZHP ZDU4/NT SO		20	1803890000	
Width 2 mm				
ZAP ZDU 10/16S	Dark beige	20	1739660000	ZDU 10 NT

Accessories – Electrical supply

ZEI 16 supply terminal



The **ZEI 16** supply terminal can be used for supplying current up to a conductor cross-section of 25 mm².

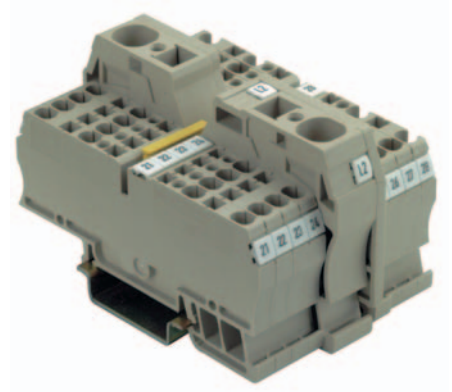
Standard cross-connectors distribute the current to any number of terminals with smaller cross-section.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

Integrated partition plate

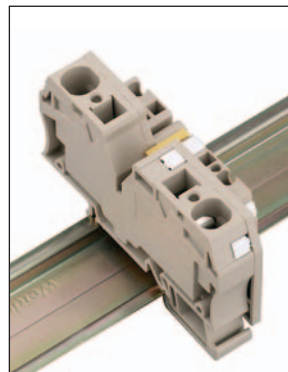


Feeder possible on left and right

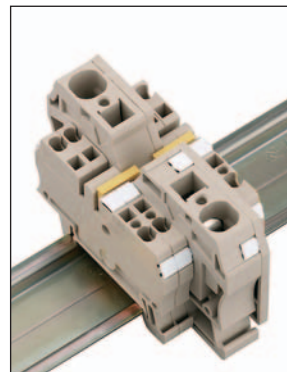


Feeder options and corresponding cross-connections

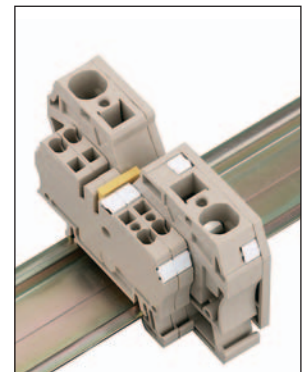
Supply terminal	Feeder terminal	Cross-connection	Supply on the left	Supply on the right
ZEI 16	ZDU 2.5	ZQV 2.5/...	•	•
	ZDU 2.5/4 AN	ZQV 2.5/...	•	•
	ZDU 4	ZQV 4/...	•	•
	ZDU 4/3 AN	ZQV 4/...	•	
	ZDU 4/4 AN	ZQV 4/...	•	
	ZDU 6	ZQV 6/...	•	•
	ZDU 6/3 AN	ZQV 6/...	•	



$$I_{\max} = \sum I_n \text{ (left)}$$



$$I_{\max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{\max} = \sum I_n \text{ (right)}$$

Order data

Type	Colour	Qty.	Order no.
ZEI 16	dark beige	20	1745350000
ZEI 16 BL	blue	20	1766240000

Max. conveyed current I_{max}

Feeder terminals	Cross-connection	Conductor cross-section at supply	Supply on left/right	Supply middle
ZDU 2.5	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 2.5/4 AN	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 4	ZQV 4	16 mm ²	64 A	76 A
		25 mm ²	66 A	100 A
ZDU 6	ZQV 6	16 mm ²	76 A	76 A
		25 mm ²	82 A	100 A

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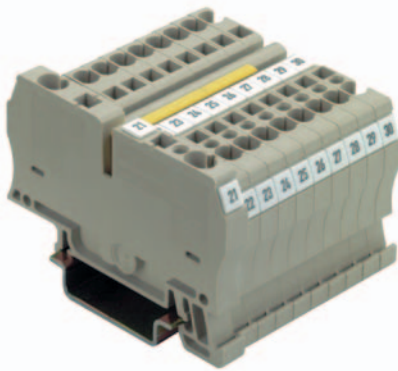
Accessories – Electrical supply

Supply with standard terminals

According to IEC 60 204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 metres away from the supply side and need not be positioned at the beginning of the supply side.

The conductor before the feeder fuse must be routed to make it “short-circuit proof”.

Supply on the left



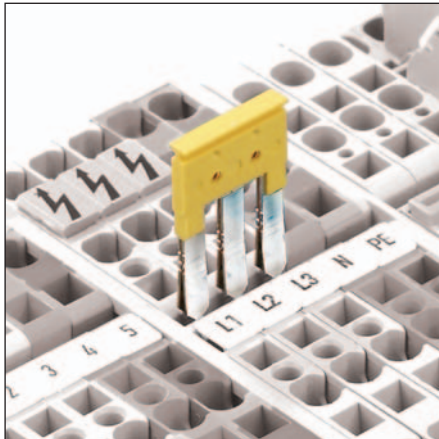
Supply on the right



Supply options and corresponding cross-connections

Supply terminal	Feeder terminal	Cross-connection	Supply on the left	Supply on the right
ZDU 2.5	ZDU 2.5	ZQV 2.5/...	•	•
	ZDU 2.5/3AN	ZQV 2.5/...	•	
	ZDU 2.5/4AN	ZQV 2.5/...	•	
	ZTR 2.5	ZQV 2.5/...	•	
	ZDU 4	ZQV 2.5/...	•	•
	ZDU 6	ZQV 2.5/...	•	
ZDU 2.5 / 3AN	ZDU 2.5	ZQV 2.5/...		•
	ZDU 2.5 / 3AN	ZQV 2.5/...	•	•
	ZTR 2.5	ZQV 2.5/...	•	•
ZDU 2.5 / 4AN	ZDU 2.5	ZQV 2.5/...		•
	ZDU 2.5 / 4AN	ZQV 2.5/...	•	•
	ZDU 4	ZQV 2.5/...		•
	ZDU 6	ZQV 2.5/...		•
ZTR 2.5	ZDU 2.5	ZQV 2.5/...		•
	ZDU 2.5 / 3AN	ZQV 2.5/...	•	•
	ZTR 2.5	ZQV 2.5/...	•	•
ZDU 4	ZDU 2.5	ZQV 2.5/...	•	•
	ZDU 2.5/4AN	ZQV 2.5/...	•	
	ZDU 4	ZQV 4/...	•	•
	ZDU 6	ZQV 4/...	•	•
ZDU 4/3 AN	ZDU 2.5	ZQV 2.5/...	•	•
	ZDU 4	ZQV 4/...	•	•
	ZDU 4/3	ZQV 4/...	•	•
	ZDU 4/4	ZQV 4/...	•	
	ZDU 6	ZQV 4/...		•
	ZDU 6/3 AN	ZQV 4/...	•	•
ZDU 4/4 AN	ZDU 2.5	ZQV 2.5/...		•
	ZDU 2.5/4 AN	ZQV 2.5/...		•
	ZDU 4	ZQV 4/...		•
	ZDU 4/3 AN	ZQV 4/...		•
	ZDU 4/4 AN	ZQV 4/...	•	•
	ZDU 6	ZQV 6/...		•
ZDU 6	ZDU 2.5	ZQV 2.5/...		•
	ZDU 2.5/4 AN	ZQV 2.5/...	•	
	ZDU 4	ZQV 4/...	•	•
	ZDU 6	ZQV 6/...	•	•
ZDU 6/3 AN	ZDU 2.5	ZQV 2.5/...		•
	ZDU 4	ZQV 4/...		•
	ZDU 4/3 AN	ZQV 4/...		•
	ZDU 6	ZQV 6/...		•
	ZDU 6/3 AN	ZQV 6/...	•	•

ZQV pluggable cross-connectors



The quick and easy to use cross-connection system for tension clamp terminals.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV 2.5/20 – continuous (50-pole)
- **ZQV 4** as 2- to 10-pole combs
- **ZVQ 6** as 2- to 4-pole combs and ZQV6/32 – continuous (32-pole)
- **ZQV 10, ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10, ZQV 35-16** and **ZQV 16-10** as reducer cross-connector distributes current from terminals with larger cross-sections to terminals with smaller cross-section
- **ZQV 2.5N** as 2- to 10-pole combs and ZQV2.5N/50 – continuous (50-pole)

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connectors (e.g. for terminal types ZDU 2.5 to ZDU 35 and ZDU 2.5-2). This does not apply to terminals with a rated voltage below 500V. Here the rated voltage of the used terminal is mandatory (e.g. terminal types ZTR 2.5 and ZTR 2.5/3AN).

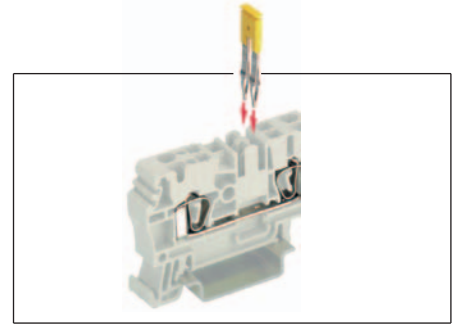
If individual or multiple (up to 60%) of the contact elements are broken out of the cross-connections, terminals can – in certain applications – be bypassed.



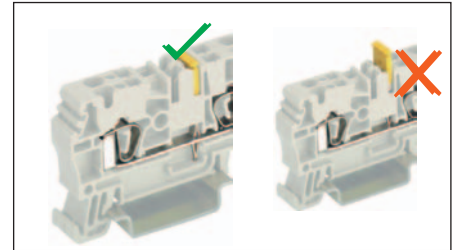
Inserting and changing

Cross-connections are quick and easy to both insert and change.

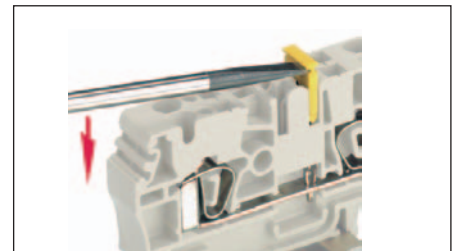
- Introduce cross-connector in the cross-connection channel of the terminals ...



... and press in completely (the cross-connector must not protrude from the channel).

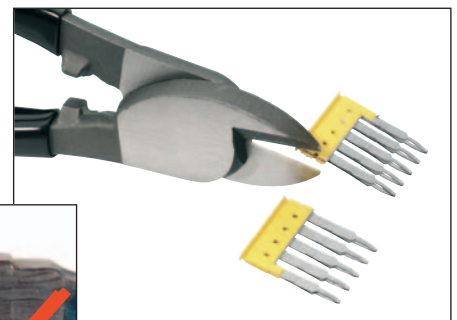


To remove or replace, simply lift out with a screwdriver.



Shortening cross-connections

Cross-connections can be shortened using a suitable cutting tool, e.g. KT ZQV (Order no. 900217). However, three contact elements must always be retained.



Caution:
Contact elements must not be damaged or deformed!

If the user shortens the cross-connection, then partition plates or end cover plates (ZAP/TW...) must be used for terminals ZDU 2.5/... to maintain the rated voltage of 250 V.

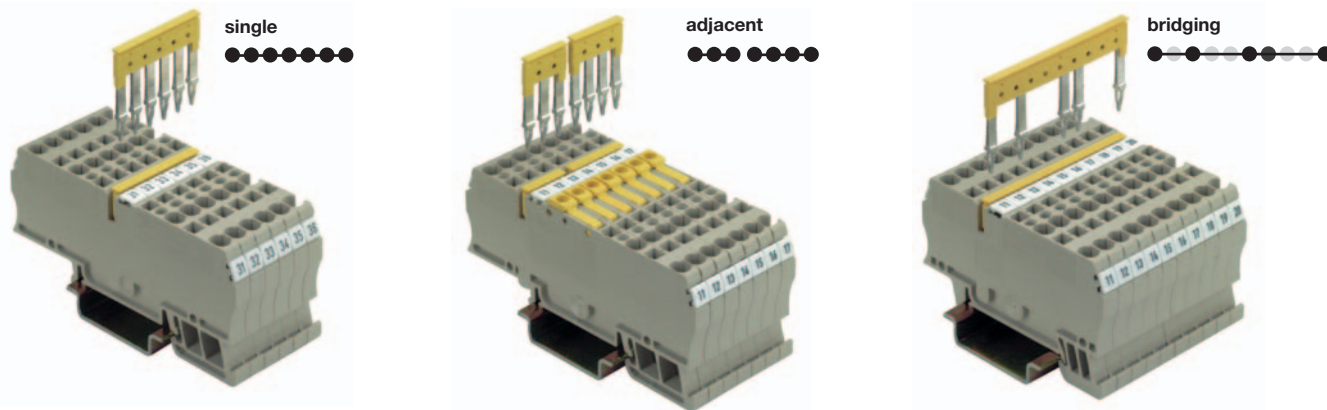
(Fitted to the bare edges of the cross-connection).



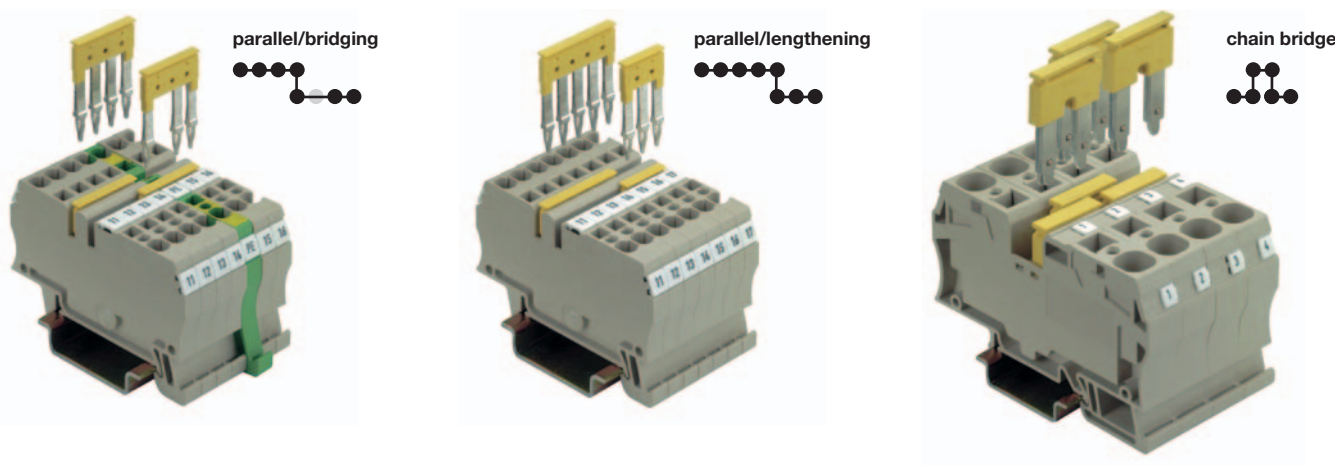
Accessories – Electrical distribution

Possible combinations

In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connectors

Terminal type	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals							
ZDU 2.5	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 3 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5 / 4 AN	ZQV 2.5/...	•	•	•			
ZTR 2.5 ...	ZQV 2.5/...	•	•	•			
ZSI 2.5 ...	ZQV 2.5/...	•	•	•			
ZDU 4 ...	ZQV 4/...	•	•	•			
ZDU 6 ...	ZQV 6/...	•	•	•			
ZDU 10, ZDU 16, ZDU 35	ZQV 10/2				•		
ZPE 2.5	ZQV 2.5/...			•		•	•
ZPE 4	ZQV 4/...			•			
ZPE 6	ZQV 6/...			•			
ZPE 10, ZPE 16, ZPE 35	ZQV 10	•			•		
Roof-style terminals							
ZDU 2.5-2	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5-2 / 3 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 4-2/...	ZQV 4/...	•	•	•	•	•	•
ZDU 6-2/...	ZQV 6/...	•	•	•	•	•	•
ZPE 2.5-2	ZQV 2.5/...					•	
ZPE 2.5-2 / 3 AN	ZQV 42.5/...			•		•	
ZPE 4-2/...	ZQV 4/...			•		•	
ZPE 6-2/...	ZQV 6/...			•			

Accessories – Electrical distribution

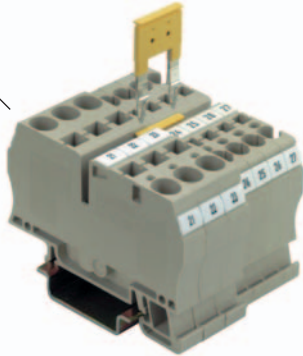
Alternative cross-connections available

Terminals with different rated cross-section

term. type 1
ZDU 4

req. cross-connection
ZQV 2.5/...

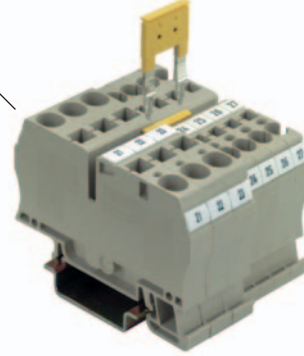
term. type 2
ZDU 2.5



term. type 1
ZDU 6

req. cross-connection
ZQV 4/...

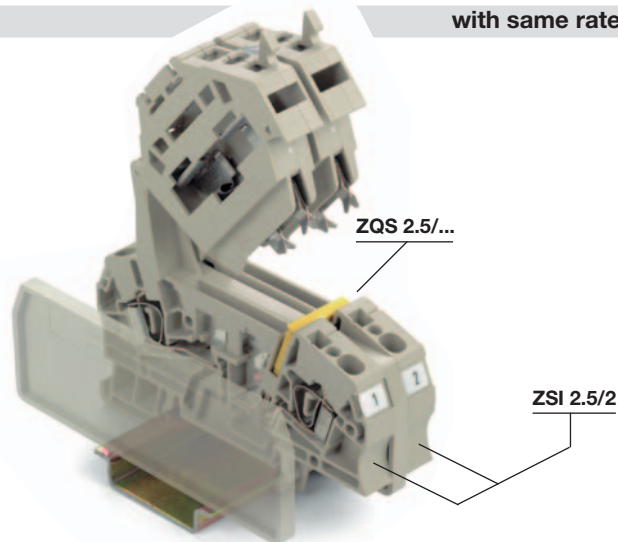
term. type 2
ZDU 4



Fuse terminals

with same rated cross-section

It is necessary to break out the cross-connection panel in the side wall of the fuse terminal.



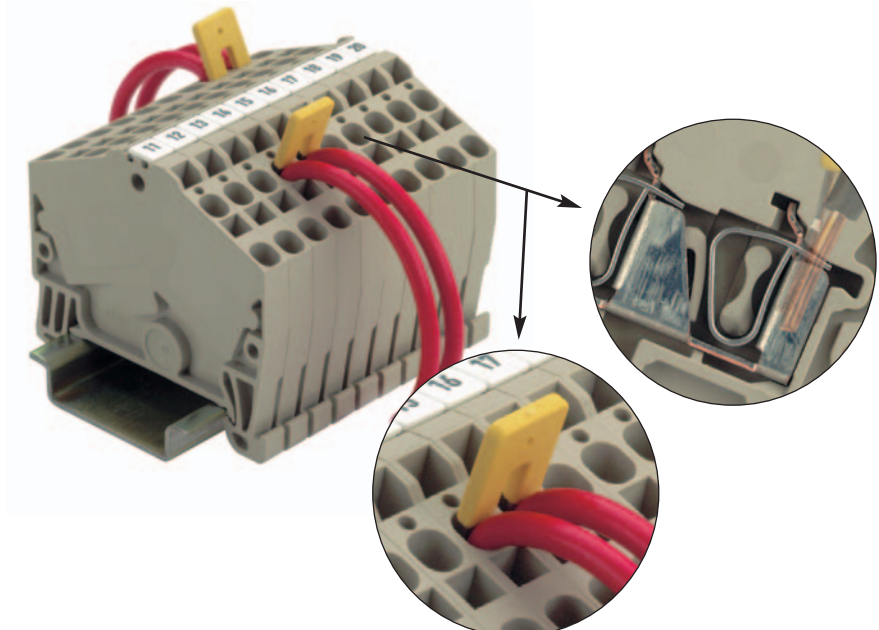
Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

To cross connect ZDU 2.5-2/4 AN terminals, which do not have cross connection channels, use the **ZQB 2.5** cross-connection bridge to provides a simple cross connection solution.

The illustration shows how to fit ZQB 2.5 correctly.

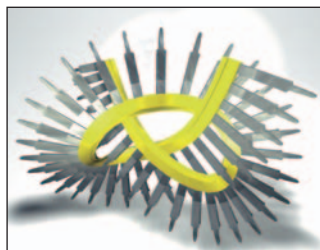
Always ensure that the conductor is placed between the tension clamp and ZQB 2.5.

The conductor cross-sections reduced to 1.5 mm² "e" and "f" as a result of using ZWB 2.5.



Accessories – Electrical distribution

Cross-connections



Tailor-made cross-connections

ZQV 2.5/50 is a cross-connection which can be used for connecting up to 20 individual terminals easily and quickly. The fitter simply cuts off the required number of poles from the 50 pole cross-connection comb. With this system, cross-connections with the correct number of poles are always available, and only a minimum of storage space is required. The large number of poles in the 50-pole comb means that unused residual quantities are virtually avoided. The ends of the continuous cross-connection are bare.

In the interests of stability, 2-pole cross-connections are not allowed. An end cover plate must always be fitted to neighbouring ZQVs with bare cut edges. In ZDU 2.5 and WDU 2.5 it is sufficient to fit the ZQV in the off-set position. The rated voltage is 400 V. In general, ZQV 2.5/50 can be used for up to 20 poles.

Colour range

Different colours for marking the various cross-sections are available on request (e.g. differing circuits when using 2 cross-connection channels).

ZQV 1.5



Type	Qty.	Order no.
ZQV 1.5/2	60	1776120000
ZQV 1.5/3	60	1776130000
ZQV 1.5/4	60	1776140000
ZQV 1.5/5	60	1776150000
ZQV 1.5/10	20	1776200000

For standard terminal	For roof-type terminal
ZDU 1.5....	
ZDK 1.5....	
ZEI 6	

ZQV 2.5



Type	Qty.	Order no.
ZQV 2.5/2	60	1608860000
ZQV 2.5/3	60	1608870000
ZQV 2.5/4	60	1608880000
ZQV 2.5/5	20	1608890000
ZQV 2.5/6	20	1608900000
ZQV 2.5/7	20	1608910000
ZQV 2.5/8	20	1608920000
ZQV 2.5/9	20	1608930000
ZQV 2.5/10	20	1608940000
ZQV 2.5/50	10	1697540000

For standard terminal	For roof-type terminal
ZDU 2.5...	ZDU 2.5-2...
ZDK 2.5/1.5...	ZDK 2.5-2
ZTR 2.5...	ZTR 2.5-2...
ZDTR 2.5	ZDLD 2.5-2...
ZSI 2.5...	ZDKPE 2.5-2
ZRV 1.5...	ZDU 2.5 S
ZIA 1.5....	ZNT 2.5 S
ZEI 16	ZEI 16-2/1 AN

ZQV 4



Type	Qty.	Order no.
ZQV 4/2	60	1608950000
ZQV 4/3	60	1608960000
ZQV 4/4	60	1608970000
ZQV 4/5	20	1608980000
ZQV 4/6	20	1608990000
ZQV 4/7	20	1609000000
ZQV 4/8	20	1609010000
ZQV 4/9	20	1609020000
ZQV 4/10	20	1609030000

For standard terminal	For roof-type terminal
ZDU 4...	ZDU 4-2...
ZDK 4/S...	ZDU 4 S
	ZNT 4 S
ZEI 16	ZEI 16-2/1 AN

ZQV 16-10

Reducing cross-connection



Type	Qty.	Order no.
ZQV 16-10	10	7920080000

For standard terminal	For roof-type terminal
ZDU 10...	ZDU 10 S
ZPE 10...	ZNT 10 S
ZDU 16	ZDU 16 S
ZPE 16	ZPE 16 S
	ZNT 16 S

ZQV 35-10

Reducing cross-connection



Type	Qty.	Order no.
ZQV 35-10	10	7920100000

For standard terminal	For roof-type terminal
ZDU 10...	ZDU 10 S
ZPE 10...	ZPE 10 S
ZDU 35	
ZPE 35	

ZQV 35-16

Reducing cross-connection

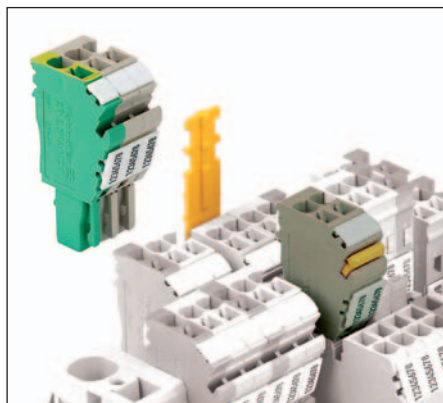


Type	Qty.	Order no.
ZQV 35-16	10	7920120000

For standard terminal	For roof-type terminal
ZDU 16	ZDU 16 S
ZPE 16	ZPE 16 S
ZDU 35	
ZPE 35	

Accessories – Pluggable terminals

WeiCoS



Plug-in connector

ZP 2.5/AN

2.5 mm²

Single connection without cross-connection channel¹



Here you will find every possible plug-in connector permutation for the WeiCoS pluggable terminals, together with compatible accessories.

A detailed description of the overall system can be found on page C.68.

Width x length x height	mm
Max. current / max. conductor cross-section A/mm ²	
Max. clamping range	mm ²

No. of poles x 5.1 x 23 x 41	
32 / 4	
0.5 ... 4.0	

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated surge voltage / Pollution severity	kV/-
Plug gauge acc. to IEC 60-947-1 / Flammability class UL 94	Approvals
Clamping conductors (H05V/H07V)	
Solid core / stranded core	mm ²
Flexible / finely with ferrules	mm ²
Stripping length	mm

IEC-60-947-7-1 Ex

IEC	UL	CSA
500	300	300
24.0	20	20
2.5	26...12 AWG	26...12 AWG
6 / 3		
A2 / V-0		
0.5...4.0 / 1.5...4.0		
0.5...4.0 / 0.5...2.5		
10		

Notes

Order data

Version	Type	Qty.	Order no.
Beige Wemid	1-pole	50	1815430000
	2-pole	25	1815440000
	3-pole	25	1815450000
	4-pole	25	1815500000
	5-pole	25	1815510000
	6-pole	25	1815520000
	7-pole	25	1815530000
	8-pole	20	1815540000
	9-pole	20	1815550000
	10-pole	20	1815560000
	11-pole	20	1815570000
	12-pole	20	1815580000
	13-pole	10	1815590000
	14-pole	10	1815600000
	15-pole	10	1815610000
	16-pole	10	1815620000
Green/yellow Wemid	1-pole	50	1820580000

Type	Qty.	Order no.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000
ZP 2.5/1AN/11	20	1815570000
ZP 2.5/1AN/12	20	1815580000
ZP 2.5/1AN/13	10	1815590000
ZP 2.5/1AN/14	10	1815600000
ZP 2.5/1AN/15	10	1815610000
ZP 2.5/1AN/16	10	1815620000
ZP 2.5/1AN/1GN	50	1820580000

Accessories

Cross-connections	
Beige Wemid	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	7-pole
	8-pole
	9-pole
	10-pole
	50-pole

Type	Qty.	Order no.

Test adapter

ZTA ZT 2.5	25	1827080000
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Marking systems (see large selection in Chapter N)

Marking tags

DEK 5		
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Accessories – Pluggable terminals

ZP 2.5/1 AN/QV

2.5 mm²

Single connection with cross-connection channel



No. of poles x 5.1 x 23 x 41
32 / 4
0.5 ... 4.0

IEC-60-947-7-1

IEC	UL	CSA
500	300	300
24.0	20	20
2.5	26...12 AWG	26...12 AWG

6 / 3

A2 / V-0



0.5...4.0 / 1.5...4.0

0.5...4.0 / 0.5...2.5

10

ZP 2.5/2 AN/QV

2.5 mm²

Two connections with cross-connection channel



No. of poles x 5.1 x 37 x 41
32 / 4
0.5 ... 4.0

IEC-60-947-7-1

IEC	UL	CSA
500	300	300
24.0	20	20
2.5	26...12 AWG	26...12 AWG

6 / 3

A2 / V-0



0.5...4.0 / 1.5...4.0

0.5...4.0 / 0.5...2.5

10

WeiCoS accessories

Locking element



Strain relief



Coding element



Order data

Locking element	Qty.	Order no.
ZVR ZP 2.5	25	1816130000

Strain relief	Qty.	Order no.
ZZE ZP 2.5	25	1816140000

Coding element	Qty.	Order no.
KOSF ZT 2.5	50	1816150000

Type	Qty.	Order no.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000
ZP 2.5/1AN/QV/11	20	1815290000
ZP 2.5/1AN/QV/12	20	1815300000
ZP 2.5/1AN/QV/13	10	1815310000
ZP 2.5/1AN/QV/14	10	1815320000
ZP 2.5/1AN/QV/15	10	1815330000
ZP 2.5/1AN/QV/16	10	1815340000
ZP 2.5/1AN/QV/1GN	50	1820570000

Type	Qty.	Order no.
ZP 2.5/2AN/QV/1	50	1815730000
ZP 2.5/2AN/QV/2	20	1815740000
ZP 2.5/2AN/QV/3	20	1815750000
ZP 2.5/2AN/QV/4	20	1815760000
ZP 2.5/2AN/QV/5	20	1815770000
ZP 2.5/2AN/QV/6	20	1815780000
ZP 2.5/2AN/QV/7	20	1815790000
ZP 2.5/2AN/QV/8	10	1815800000
ZP 2.5/2AN/QV/9	10	1815810000
ZP 2.5/2AN/QV/10	10	1815820000
ZP 2.5/2AN/QV/11	10	1815830000
ZP 2.5/2AN/QV/12	10	1815840000
ZP 2.5/2AN/QV/13	5	1815850000
ZP 2.5/2AN/QV/14	5	1815860000
ZP 2.5/2AN/QV/15	5	1815870000
ZP 2.5/2AN/QV/16	5	1815880000
ZP 2.5/2AN/QV/1GN	50	1820590000

Type	Qty.	Order no.
ZQV 2.5N/2	60	1693800000
ZQV 2.5N/3	60	1693810000
ZQV 2.5N/4	60	1693820000
ZQV 2.5N/5	20	1693830000
ZQV 2.5N/6	20	1693840000
ZQV 2.5N/7	20	1693850000
ZQV 2.5N/8	20	1693860000
ZQV 2.5N/9	20	1693870000
ZQV 2.5N/10	20	1693880000
ZQV 2.5N/50	10	1693890000

Type	Qty.	Order no.
ZQV 2.5N/2	60	1693800000
ZQV 2.5N/3	60	1693810000
ZQV 2.5N/4	60	1693820000
ZQV 2.5N/5	20	1693830000
ZQV 2.5N/6	20	1693840000
ZQV 2.5N/7	20	1693850000
ZQV 2.5N/8	20	1693860000
ZQV 2.5N/9	20	1693870000
ZQV 2.5N/10	20	1693880000
ZQV 2.5N/50	10	1693890000

ZTA ZT 2.5	25	1827080000
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ZTA ZT 2.5	25	1827080000
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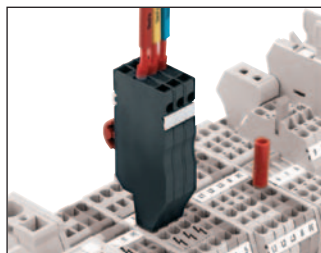
DEK 5

DEK 5

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Accessories – Testing

Test adapter



The ZTA slot-in test adapter is used as a single unit and also as a test adapter strip for measurements.

ZTA test adaptors will accept prepared cables ranging from 0.5 mm² to 1.5 mm². The test adapter is simply slotted into the terminal, creating secure contact with the current carrying busbar. The cable can be released again by simply pressing the release button.

Dimensions	
Height (with TS 35 x 7.5)	mm
Length	mm
Test adapter width	mm
Stripping length	mm

Rated voltage / current / cross-section	
acc. to IEC 60 947-7-1	

Clamping conductor	
Solid core H 07V-U	mm ²
Flexible H 07V-K	mm ²
Flexible with AEH (DIN 46228/1)	mm ²

Order data	
1-pole	
with locking journal	

Marking tags

ZTA 1

For clamping width 5.1 mm



Height (with TS 35 x 7.5)	mm	73.1
Length	mm	31.5
Test adapter width	mm	5.1
Stripping length	mm	6.0

Rated voltage / current / cross-section	250 V / 9.0 A / 1.5 mm ²
---	-------------------------------------

Clamping conductor	0.5 ... 1.5
Flexible H 07V-K	1.0 ... 1.5
Flexible with AEH (DIN 46228/1)	0.5 ... 1.5

Type	Qty.	Order no.
ZTA 1	25	1609040000
ZTA 1 / ZA	25	1609050000

For standard terminal	For roof-style terminal
ZDU 2.5...	
ZTR 2.5...	
ZSI 2.5...	
ZSI 2.5/2	
DEK 5	

ZTA 2

For clamping width 6.1 mm



Height (with TS 35 x 7.5)	mm	73.1
Length	mm	31.5
Test adapter width	mm	6.1
Stripping length	mm	6.0

Rated voltage / current / cross-section	250 V / 9 A / 1.5 mm ²
---	-----------------------------------

Clamping conductor	0.5 ... 1.5
Flexible H 07V-K	1.0 ... 1.5
Flexible with AEH (DIN 46228/1)	0.5 ... 1.5

Type	Qty.	Order no.
ZTA 2	25	1609060000
ZTA 2 / ZA	25	1609070000

For standard terminal	For roof-style terminal
ZDU 4....	
DEK 6	

ZTA 5

For clamping width 3.5 mm



Dimensions	
Height (with TS 35 x 7.5)	mm
Length	mm
Test adapter width	mm
Stripping length	mm

Rated voltage / current / cross-section	
acc. to IEC 60 947-7-1	

Clamping conductor	
Solid core H 07V-U	mm ²
Flexible H 07V-K	mm ²
Flexible with AEH (DIN 46228/1)	mm ²

Order data	
1-pole	
with locking journal	

Marking tags

Height (with TS 35 x 7.5)	mm	54,0
Length	mm	20,0
Test adapter width	mm	3,5
Stripping length	mm	10,0

Rated voltage / current / cross-section	200 V / 13,5 A / 1,0 mm ²
---	--------------------------------------

Clamping conductor	0,5 ... 1,0
Flexible H 07V-K	0,5 ... 1,0
Flexible with AEH (DIN 46228/1)	0,5 ... 1,0

Type	Qty.	Order no.
ZTA 5	25	1776210000
ZTA 5 / ZA	25	1776220000

For standard terminal	For roof-style terminal
ZDU 1.5...	
ZDK 1.5...	
DEK 3.5	

ZTA 6

For clamping width 6.1 mm



Height (with TS 35 x 7.5)	mm	73,5
Length	mm	31,5
Test adapter width	mm	6,1
Stripping length	mm	6,0

Rated voltage / current / cross-section	250 V / 17,5 A / 1,5 mm ²
---	--------------------------------------

Clamping conductor	0,5 ... 1,5
Flexible H 07V-K	0,75 ... 1,5
Flexible with AEH (DIN 46228/1)	0,5 ... 1,5

Type	Qty.	Order no.
ZTA 6 / ZA	25	1780660000

For standard terminal	For roof-style terminal
ZDU 4-2...	
DEK 6	

Accessories – Testing

ZTA 3

For clamping width 8.1 mm



73.1
31.5
8.1
6.0
250 V / 9.0 A / 1.5 mm ²

0.5 ... 1.5
0.75 ... 1.5
0.5 ... 1.5

Type	Qty.	Order no.
ZTA 3	25	1654050000

For standard terminal	For roof-style terminal
ZDU 6...	

DEK 5

ZTA 4

For clamping width 5.1 mm



69.0
31.0
5.1
6.0
250 V / 11 A / 1.5 mm ²

0.5 ... 1.5
0.75 ... 1.5
0.5 ... 1.5

Type	Qty.	Order no.
ZTA 4	25	1688110000

For standard terminal	For roof-style terminal
ZDK 2.5/1.5...	ZDU 2.5-2...
ZTR 2.5/4 AN...	ZDK 2.5-2...
	ZDKPE 2.5-2
	ZTR 2.5-2...

DEK 5

ZTA 7

For clamping width 8.1 mm



73.5
31.5
8.1
6.0
250 V / 9.0 A / 1.5 mm ²

0.5 ... 1.5
1.0 ... 1.5
0.5 ... 1.5

Type	Qty.	Order no.
ZTA 7 / ZA	25	1780670000

For standard terminal	For roof-style terminal
	ZDU 6-2....

DEK 5

ZTA ZT 2.5

For clamping width 5.1 mm



50.5
20.0
5.1
500 V / 17.5 A / 1.5 mm ²

0.5 ... 1.5
0.5 ... 1.5
0.5 ... 1.5

Type	Qty.	Order no.
ZTA ZT 2.5	25	1827080000
ZTA ZT 2.5 / ZA	25	1847600000

For standard terminal	For roof-style terminal
ZT 2.5...	
ZDT 2.5...	
ZP 2.5 ...	

DEK 5

Test plug



There is a test point facility for the PS 2.3 or PS 2.0 test plug built into most terminals within the Z series. For quick measurements, simply insert the PS 2.3 or PS 2.0 plug into the opening provided.

This is different from the test adapter in that the test plug does not slot into the terminal. In terminals with large cross-sectional areas, measurements are generally carried out using the PS 2.3 or PS 2.0 test plugs because there is no test adapter point.

PS 2.0

Plug diameter 2.0 mm



Type	Qty.	Order no.
PS 2.0 OR	20	0293800000

For terminals
ZDU/ZPE 2.5/...
ZDU/ZPE 4/...
ZDU/ZPE 6/3 AN
ZDU/ZPE 10/...
ZDU/ZPE 16/...
ZDU/ZPE 35
ZEI 16
ZTR 2.5/...
ZTR 2.5.../D
ZDTR 2.5
ZTR 2.5/SI
ZDL 2.5/SI...

PS 2.3

Plug diameter 2.3 mm



Type	Qty.	Order no.
PS 2.3 RT	20	0180400000

For terminals
ZDU/ZPE 2.5/...
ZDU/ZPE 4/...
ZDU/ZPE 10/...
ZDU/ZPE 16/...
ZDU/ZPE 35
ZDU/ZPE 4-2/...
ZDU/ZPE 6-2/...
ZTR 2.5...
ZTR 2.5.../D
ZDTR 2.5
ZTR 2.5/SI
ZDL 2.5/SI...

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Accessories – Marking and connecting

Marking / covering



The VDE regulations stipulate that mains connection terminals must be covered.

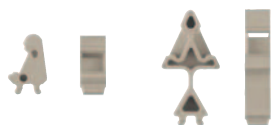
For this purpose Weidmüller offers yellow **ZAD** covers printed with a warning symbol.

The covers slot into the screwdriver opening of the terminal, and are available in 4-pole terminal units.

The marking surface enables the central marking channel to be labelled using WS 10/5 tags.

Marking supports with pivots can be used to ensure the greatest possible stability.

- Simple and double design
- No impairment when inserting screwdriver, and unimpaired access to the cross-connections.



Operating tool



The fully insulated operating tools ZBW 1 to ZBW 6 and ZBWW are used to open both 1.5 mm² and 2.5 mm² terminal points. They can open more than one terminal point at once.

The ZBWW operating tool has angled blades, making it easier to actuate terminals within confined spaces.

The plastic actuator tool enhances safety when working on "live" systems actually in use. This is however not a recommended practise.

ZAD / BZT

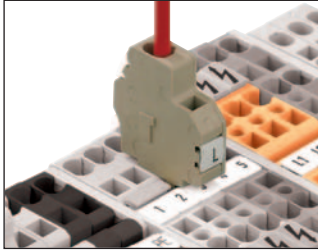
Type	Qty.	Order no.	For standard terminals	For roof-type terminals
Terminal width 3.5 mm				
ZAD 7/4	20	1781940000	ZDU 1.5... ZDK 1.5...	
Terminal width 5.1 mm				
ZAD 1/4	20	1609110000	ZDU 2.5... ZTR 2.5...	ZDU 4-2...
Terminal width 5.1 mm				
ZAD 1/4-2	20	1764560000	ZTR 2.5/4 AN...	ZDU 2.5-2... ZDK 2.5-2... ZDKPE 2.5-2 ZTR 2.5-2...
Terminal width 6.1 mm / 8.1 mm				
ZAD 2/4	20	1609080000	ZDU 4...	ZDU 6-2...
Terminal width 8.1 mm				
ZAD 3/4	20	1609120000	ZDU 6...	
Terminal width 10 mm				
ZAD 4/5	20	1746730000	ZDU 10 ZDU 10/3 AN	
Terminal width 12 mm				
ZAD 5/5	20	1745210000	ZDU 16 ZDU 16/3 AN ZEI 16	ZEI 16-2/1 AN
Terminal width 16 mm				
ZAD 6/5	20	1752620000	ZDU 35	
BZT...				
Marked on one side				
BZT 1 WS 10/5	100	1805490000	ZDU 2.5/ ...	
BZT 1 ZA WS 10/5	100	1805520000	ZDU 4/ ...	
Marked on two sides				
BZT 2 WS 10/5	100	1805480000	ZDU 6/ ...	
BZT 2 ZA WS 10/5	100	1805530000	ZDU A 2.5/ ...	

ZBW

Type	Terminal points	Qty.	Order no.	For standard terminals	For roof-type terminals
Terminal width 3.5					
ZBW 1/5	1	1	1781930000	ZDU 1.5... ZPE 1.5 ZDK 1.5	
Terminal width 5.1 mm					
ZBW 1	1	1	1669620000	ZDU 2.5...	ZDLD 2.5-2
ZBW 2	2	1	1650670000	ZPE 2.5...	ZDU 2.5-2
ZBW 3	3	1	1650680000	ZDK 2.5 / 1.5	ZDK 2.5-2
ZBW 4	4	1	1650690000	ZTR 2.5...	ZDK 2.5-2 PE
ZBW 6	6	1	1650700000	ZDTR 2.5...	ZTR 2.5-2
ZBWW	1	1	1669630000	ZSI 2.5... ZRV 1.5... ZIA 1.5...	ZDKPE 2.5-2 ZDU 2.5 S ZPE 2.5 S ZNT 2.5 S

Accessories – Other functions / colour range

Other functions



Reducing sleeves

Reducing sleeves are used to make it easier to connect conductors with smaller cross-sectional areas. The conductors can be inserted securely into the terminal without separating conductor strands. The reducing sleeve centres the conductor in the middle of the conductor entry.

One packaging unit contains 100 x 10 pole strips

ZRH 1.5S



Type	Qty.	Order no.
For 0.13 ... 0.2 mm ² conductors, white		
ZRH 1.5S/1	100	1781950000
For 0.25 ... 0.5 mm ² conductors, grey		
ZRH 1.5S/2	100	1781960000

For standard terminals	For roof-style terminals
ZDU 1.5/...	
ZPE 1.5/...	
ZKD 1.5/...	
ZKD 1.5 PE	

ZRH 1.5H



Type	Qty.	Order no.
For 0.13 ... 0.2 mm ² conductors, white		
ZRH 1.5H/1	100	1678810000
For 0.25 ... 0.5 mm ² conductors, grey		
ZRH 1.5H/2	100	1678800000

For standard terminals	For roof-style terminals
ZDK 2.5/1.5...	ZDL 2.5-2...
ZDK 2.5/1.5 PE	ZDU 2.5-2/...
ZDTR 2.5	ZPE 2.5-2/...
	ZTR 2.5-2
	ZTR 2.5-2/SI
	ZTR 2.5-2 D

ZRH 1.5N



Type	Qty.	Order no.
For 0.13 ... 0.2 mm ² conductors, white		
ZRH 1.5N/1	100	1632140000
For 0.25 ... 0.5 mm ² conductors, grey		
ZRH 1.5N/2	100	1632130000
For 0.75 ... 1.0 mm ² conductors, dark grey		
ZRH 1.5N/3	100	1632120000

For standard terminals	For roof-style terminals
ZRV 1.5	
ZRV 1.5 PE	
ZVL 1.5	
ZIA 1.5/3 L ...	
ZIA 1.5/4 L ...	

ZRH 2.5



Type	Qty.	Order no.
For 0.13 ... 0.2 mm ² conductors, white		
ZRH 2.5/1 WS	100	1614300000
For 0.25 ... 0.5 mm ² conductors, grey		
ZRH 2.5/2 GR/V0	100	1614290000
For 0.75 ... 1.0 mm ² conductors, dark grey		
ZRH 2.5/3	100	1614280000

For standard terminals	For roof-style terminals
ZDU 2.5/...	
ZTR 2.5/...	
ZTR 2.5/D	
ZTR 2.5/3 AN/D	

ZRH 4



Type	Qty.	Order no.
For 0.13 ... 0.2 mm ² conductors, white		
ZRH 4/1 WS	100	1636640000
For 0.25 ... 0.5 mm ² conductors, grey		
ZRH 4/2	100	1636650000
For 0.75 ... 1.0 mm ² conductors, dark grey		
ZRH 4/3	100	1636660000

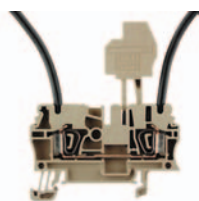
For standard terminals	For roof-style terminals
ZDU 4/...	
ZPE 4/...	

Accessories – Other functions / Colour range

Extra connection



Place the contact part in the cross-connection channel and the locking hook in the screwdriver guide, then press down as far as it will go. The pitch size is 6 mm, so only every second terminal can be used.



ZZA 2,5

Dimensions	
Height	23.0 (50.0) mm
Length	21.0 mm
Width	6.1 mm
Stripping length	10.0 mm
Rating data	
Rated voltage	400 V
Rated surge voltage	6 kV
Pollution severity	3
Rated current	17.5 A
Rated cross-section	2.5 mm ²

Type	Qty.	Order no.
ZZA 2,5	50	1646690000
With locking pivot		
ZZA 2,5 ZA	50	1649350000

For terminal

ZDU 2.5
ZDU 2.5/3 AN
ZDU 2.5/4 AN
ZTR 2.5
ZTR 2.5/3 AN

Component plug



The component plug is designed to take electronic components. As required, the self-locking ZBS1 can be plugged onto two tension clamp terminals (ZDK 2.5/1.5) in the upper or lower cross-connection channel.

In the lower level, the plug is positioned with twisting protection, whereas in the upper level it can be plugged in any direction. Customers may solder their components to the plug as required.

Two basic versions are available (empty housings):

1. ZBS1 closed e.g. to accommodate a temperature compensation module
2. ZBS1 with 2 openings Ø 3 mm e.g. to take LEDs.

ZBS1

Dimensions	
Height	48.0 mm
Length	22.3 mm
Width	10.0 mm
Rating data	
Rated voltage	250 V
with LED	30 V
Rated surge voltage	4 kV
Pollution severity	3
Rated current	6 A
with LED	1 A

Type	Qty.	Order no.
ZBS1 SET	10	1764540000
to take 2 LEDs		
ZBS1 F.D SET	10	1764550000

Bus support



The ZST bus support can be used for "parking" test plugs, cross-connections and fuses needed during servicing. The bus support is snapped onto the TS 35 mounting rail at the end of a terminal assembly.

ZST

Dimensions	
Height	27.5 mm
Length	61.1 mm
Width	10.0 mm

Type	Qty.	Order no.
ZST	50	1678680000

Shield connection terminal



The screen braid of screened control conductors is soldered to the busbar of the ZDUS or connected using 2.8 x 0.8 mm crimped spade sleeves. ZDUS can be slotted onto the ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZTR 2.5.

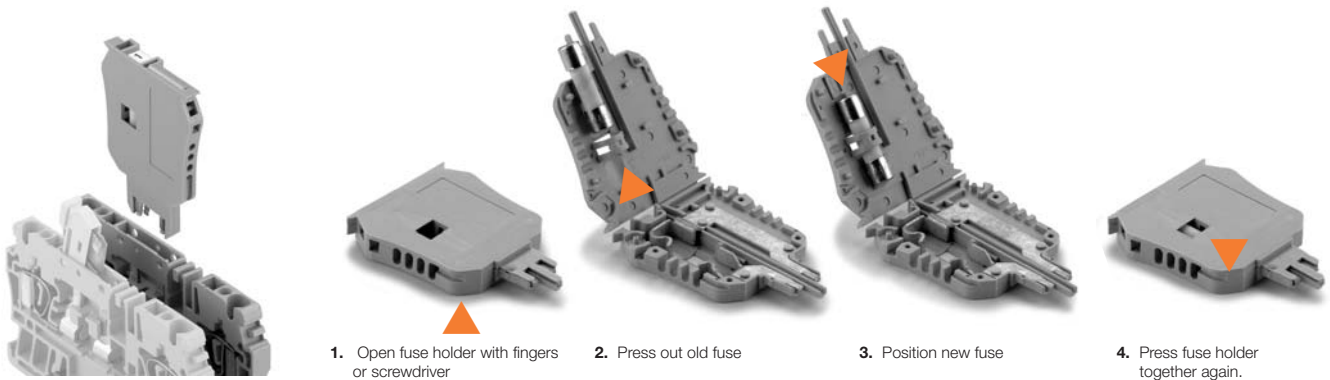
ZDUS

Dimensions	
Height	33.5 mm
Length	83.5 mm
Width	4.8 mm

Type	Qty.	Order no.
ZDUS	20	1676640000

Accessories – Other functions / Colour range

SIHA fuse holder



1. Open fuse holder with fingers or screwdriver
2. Press out old fuse
3. Position new fuse
4. Press fuse holder together again.

For 5 x 20 G-fuse cartridges

The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.

Simply remove the isolating lever and insert the fuse plug.

- Simple handling – no tools required
- Housings made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss acc. to DIN VDE 0611-6 at 23°C ambient temperature (also for 1.5 times rated current – composite arrangement)

- Even fits on 5 mm wide terminals when fitted in offset arrangement

- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



SIHA 1



	Qty.	Order no.
Without LED		
SIHA1/G20		
400 V	1	9537550000
with LED (red)		
SIHA1/G20		
10 - 36 V	1	9537560000
35 - 70 V	1	9537570000
60 - 150 V	1	9537580000
140 - 250 V	1	9537590000

For disconnect terminal type

ZTR 2.5/2 AN
ZTR 2.5/3 AN

SIHA 2



	Qty.	Order no.
Without LED		
SIHA2/G20		
400 V	1	9537600000
with LED (red)		
SIHA2/G20		
10 - 36 V	1	9537610000
35 - 70 V	1	9537620000
60 - 150 V	1	9537630000
140 - 250 V	1	9537640000

For disconnect terminal type

ZDTR 2.5 (only at upper disconnect level)
ZTR 2.5-2

SIHA 3

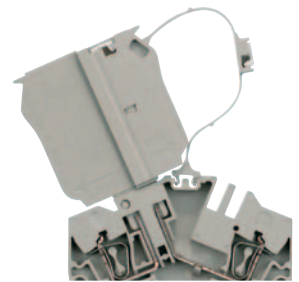


	Qty.	Order no.
Without LED		
SIHA3/G20		
400 V	1	7921560000
with LED (red)		
SIHA3/G20		
10 - 36 V	1	7921570000
35 - 70 V	1	7921580000
60 - 150 V	1	7921590000
140 - 250 V	1	7921600000

For disconnect terminal type

ZDL 2.5/NT/L/PE
ZTR 2.5/4 AN

SIHA STRAP



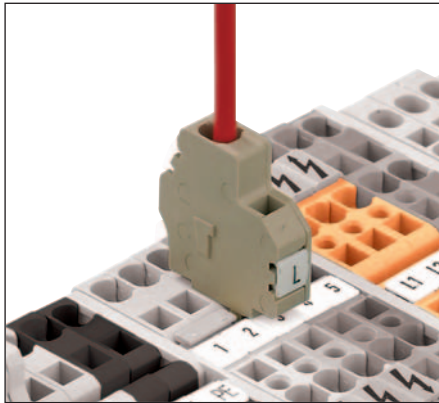
	Qty.	Order no.
With strap		
SIHA STRAP		
	20	953768000

Connector for "retro-fit" assembly

- Receptacle in the terminal is the marking position
- Integrated marking position
- Slots into fuse holder either on the left or on the right

Accessories – Other functions / Colour range

Colour range



The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

				1.5 mm ²
Type	Colour	Qty	Order no.	
ZDU 1.5				
ZDU 1.5 BR	Brown	100	1829550000	
ZDU 1.5 GE	Yellow	100	1829530000	
ZDU 1.5 GN	Green	100	1829520000	
ZDU 1.5 OR	Orange	100	1775500000	
ZDU 1.5 RT	Red	100	1829500000	
ZDU 1.5 SW	Black	100	1829510000	
ZDU 1.5 WS	White	100	1829540000	
ZDU 1.5 2X2AN				
ZDU 1.5 2X2AN OR	Orange	100	1827000000	
ZDU 1.5/3AN				
ZDU 1.5/3AN BR	Brown	100	1829610000	
ZDU 1.5/3AN GE	Yellow	100	1829590000	
ZDU 1.5/3AN GN	Green	100	1829580000	
ZDU 1.5/3AN OR	Orange	100	1775550000	
ZDU 1.5/3AN RT	Red	100	1829560000	
ZDU 1.5/3AN SW	Black	100	1829570000	
ZDU 1.5/3AN WS	White	100	1829600000	
ZDU 1.5/4AN				
ZDU 1.5/4AN BR	Brown	100	1829670000	
ZDU 1.5/4AN GE	Yellow	100	1829650000	
ZDU 1.5/4AN GN	Green	100	1829640000	
ZDU 1.5/4AN OR	Orange	100	1775610000	
ZDU 1.5/4AN RT	Red	100	1829620000	
ZDU 1.5/4AN SW	Black	100	1829630000	
ZDU 1.5/4AN WS	White	100	1829660000	
ZDU 1.5 2X2AN				
ZDU 1.5 2X2AN OR	Orange	100	1827000000	
ZDK 1.5				
ZDK 1.5 BR	Brown	100	1831210000	
ZDK 1.5 GE	Yellow	100	1831180000	
ZDK 1.5 GN	Green	100	1831170000	
ZDK 1.5 OR	Orange	100	1831190000	
ZDK 1.5 RT	Red	100	1831150000	
ZDK 1.5 SW	Black	100	1831160000	
ZDK 1.5 WS	White	100	1831200000	

				2.5 mm ²
Type	Colour	Qty	Order no.	
ZDU 2.5				
ZDU 2.5 BR	Brown	100	1683300000	
ZDU 2.5 GE	Yellow	100	1683270000	
ZDU 2.5 GE/GN	Yellow/green	100	1698780000	
ZDU 2.5 GE/SW	Yellow/black	100	1781320000	
ZDU 2.5 GN	Green	100	1683280000	
ZDU 2.5 GR	Grey	100	1683310000	
ZDU 2.5 OR	Orange	100	1636780000	
ZDU 2.5 RT	Red	100	1683260000	
ZDU 2.5 SW	Black	100	1683330000	
ZDU 2.5 VI	Violet	100	1683290000	
ZDU 2.5 WS	White	100	1683320000	
ZDU 2.5/3AN				
ZDU 2.5/3AN BR	Brown	100	1683380000	
ZDU 2.5/3AN GE	Yellow	100	1683350000	
ZDU 2.5/3AN GE/GN	Yellow/green	100	1698790000	
ZDU 2.5/3AN GN	Green	100	1683260000	
ZDU 2.5/3AN GR	Grey	100	1683390000	
ZDU 2.5/3AN OR	Orange	100	1636790000	
ZDU 2.5/3AN RT	Red	100	1683340000	
ZDU 2.5/3AN SW	Black	100	1683410000	
ZDU 2.5/3AN VI	Violet	100	1683370000	
ZDU 2.5/3AN WS	White	100	1683400000	
ZDU 2.5/4AN				
ZDU 2.5/4AN BR	Brown	100	1683460000	
ZDU 2.5/4AN GE	Yellow	100	1683430000	
ZDU 2.5/4AN GE/GN	Yellow/green	100	1692240000	
ZDU 2.5/4AN GN	Green	100	1683440000	
ZDU 2.5/4AN GR	Grey	100	1683470000	
ZDU 2.5/4AN OR	Orange	100	1636800000	
ZDU 2.5/4AN RT	Red	100	1683420000	
ZDU 2.5/4AN SW	Black	100	1683490000	
ZDU 2.5/4AN VI	Violet	100	1683450000	
ZDU 2.5/4AN WS	White	100	1683480000	
ZDU 2.5 2X2AN				
ZDU 2.5/2X2AN				
ZDU 2.5/2X2AN BR	Brown	100	1683540000	
ZDU 2.5/2X2AN GN	Green	100	1683520000	
ZDU 2.5/2X2AN GR	Grey	100	1683550000	
ZDU 2.5/2X2AN OR	Orange	100	1636810000	
ZDU 2.5-2				
ZDU 2.5-2 OR	Orange	100	1772080000	
ZDU 2.5-2/3AN				
ZDU 2.5-2/3AN GN	Green	100	1806450000	
ZDU 2.5-2/3AN OR	Orange	100	1706050000	
ZDU 2.5-2/4AN				
ZDU 2.5-2/4AN OR	Orange	100	1706080000	
ZTR 2.5				
ZTR 2.5 OR	Orange	100	1636840000	
ZTR 2.5/3AN				
ZTR 2.5/3AN OR	Orange	50	1670320000	
ZTR 2.5/4AN				
ZTR 2.5/4AN OR	Orange	100	7920940000	
ZTR 2.5-2				
ZTR 2.5-2 OR	Orange	100	1779130000	
ZDK 2.5/1.5				
ZDK 2.5/1.5 OR	Orange	50	1694140000	
ZDK 2.5/1.5V BR	Brown	50	1799790000	
ZDK 2.5-2				
ZDK 2.5-2 BR	Brown	50	1799780000	
ZDK 2.5-2 GE	Yellow	50	1831250000	
ZDK 2.5-2 GN	Green	50	1831240000	
ZDK 2.5-2 OR	Orange	50	1831260000	
ZDK 2.5-2 RT	Red	50	1831220000	
ZDK 2.5-2 SW	Black	50	1831230000	
ZDK 2.5-2 WS	White	50	1831270000	

Accessories – Other functions / Colour range

Mini-terminals

4 mm ²			
Type	Colour	Qty	Order no.
ZDU 4			
ZDU 4 BR	Brown	100	1683620000
ZDU 4 GE	Yellow	100	1683590000
ZDU 4 GE/GN	Yellow/green	100	1698770000
ZDU 4 GN	Green	100	1683600000
ZDU 4 GR	Grey	100	1683630000
ZDU 4 OR	Orange	100	1636830000
ZDU 4 RT	Red	100	1683580000
ZDU 4 SW	Black	100	1683650000
ZDU 4 VI	Violet	100	1683610000
ZDU 4 WS	White	100	1683640000
ZDU 4-2/2AN			
ZDU 4-2/2AN OR	Orange	100	1770850000
ZDU 4-2/3AN			
ZDU 4-2/3AN OR	Orange	100	1770870000
ZDU 4-2/4AN			
ZDU 4-2/4AN OR	Orange	100	1807000000

6 mm ²			
Type	Colour	Qty	Order no.
ZDU 6			
ZDU 6 BR	Brown	50	1830470000
ZDU 6 GE	Yellow	50	1830450000
ZDU 6 GE/GN	Yellow/green	50	1698800000
ZDU 6 GN	Green	50	1830440000
ZDU 6 OR	Orange	50	1636820000
ZDU 6 RT	Red	50	1830420000
ZDU 6 SW	Black	50	1830430000
ZDU 6 WS	White	50	1830460000
ZDU 6-2/2AN			
ZDU 6-2/2AN OR	Orange	50	1771400000
ZDU 6-2/3AN			
ZDU 6-2/3AN OR	Orange	50	1771430000

10 mm ²			
Type	Colour	Qty	Order no.
ZDU 10			
ZDU 10 BR	Brown	25	1830630000
ZDU 10 GE	Yellow	25	1830600000
ZDU 10 GE/GN	Yellow/green	25	1783290000
ZDU 10 GN	Green	25	1830590000
ZDU 10 OR	Orange	25	1830610000
ZDU 10 RT	Red	25	1830570000
ZDU 10 SW	Black	25	1830580000
ZDU 10 WS	White	25	1830620000

16 mm ²			
Type	Colour	Qty	Order no.
ZDU 16			
ZDU 16 BR	Brown	25	1830700000
ZDU 16 GE	Yellow	25	1830670000
ZDU 16 GN	Green	25	1830660000
ZDU 16 OR	Orange	25	1830680000
ZDU 16 RT	Red	25	1830640000
ZDU 16 SW	Black	25	1830650000
ZDU 16 WS	White	25	1830690000

35 mm ²			
Type	Colour	Qty	Order no.
ZDU 35			
ZDU 35 BR	Brown	10	1830780000
ZDU 35 GE	Yellow	10	1830750000
ZDU 35 GN	Green	10	1830730000
ZDU 35 OR	Orange	10	1830760000
ZDU 35 RT	Red	10	1830710000
ZDU 35 SW	Black	10	1830720000
ZDU 35 WS	White	10	1830770000

2.5 mm ²			
Type	Colour	Qty	Order no.
ZDUA 2.5-2			
ZDUA 2.5-2 OR	Orange	100	1720940000
ZDUA 2.5-2N BR	Brown	100	1814520000
ZDUB 2.5-2/2AN			
ZDUB 2.5-2/2AN/DB OR	Orange	100	1704520000
ZDUB 2.5-2/2AN/DM OR	Orange	100	1704370000
ZDUB 2.5-2/2AN/RC OR	Orange	100	1712840000
ZDUB 2.5-2/4AN			
ZDUB 2.5-2/4AN/DB OR	Orange	100	1704710000
ZDUB 2.5-2/4AN/DM OR	Orange	100	1704560000
ZDUB 2.5-2/4AN/RC OR	Orange	100	1712990000