

Terminals, Z-Series

Terminals, Z-Series	Overview Z-Series	D.2
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Z-Series / Tension clamp connection



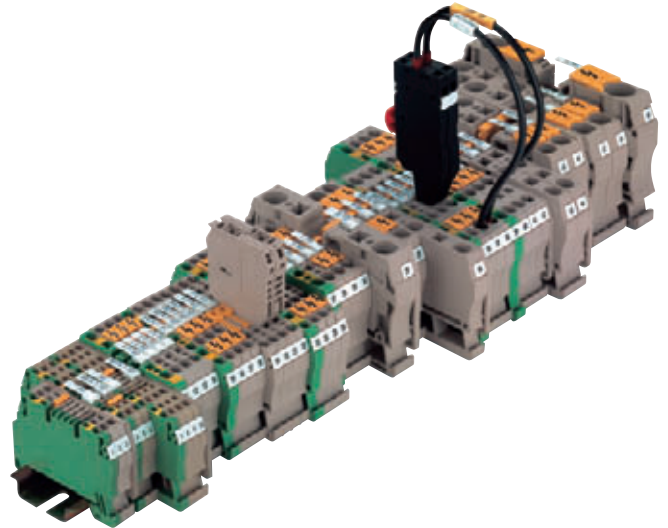
Modular terminals with tension clamp connections – the Z-Series – were specially designed to meet customers' requirements:

Compact size, generous marking surfaces, integral test point, cross-connection options within the Z-Series and to other Weidmüller modular terminals.

D

The Z-Series terminals have a wide clamping range and can accommodate one or two cross-connection channels.

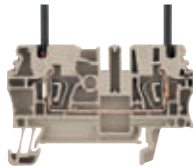
The plug-in standard cross-connections enable potentials to be distributed over any number of terminals.



Versions

Z-Standard

- Conductor cross-sections from 0.13 to 16 mm²
- Top-entry conductor insertion parallel with screwdriver operation



Z-Roof

- Conductor cross-sections from 0.13 to 16 mm²
- Length reduced by up to 36 %
- Conductor and screwdriver inserted at an angle



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	•		•											
PE terminals														
2 connections	•		•	•	•	•	•	•	•		•	•	•	
3 connections	•		•	•	•	•	•	•	•		•			
4 connections	•		•	•	•	•								
Fuse terminal														
			•	•				•						
Disconnect test terminals														
			•	•			•							
Supply terminals														
							•				•	•		
N-conductor terminals														
				•		•		•		•		•	•	
Double level terminal														
	•		•	•		•		•						
3-conductor/distribution terminals														
				•										
Pluggable terminals														
			•		•									
Miniature block terminals														
			•											
Initiator/Actuator terminals														
			•											
Terminals with electronic components														
			•	•		•								

1 The connection

In accordance with the Weidmüller contact principle, the electrical and mechanical functions are also kept separate in the tension clamp connection system, thus ensuring galvanic isolation.

- Tension clamp made from high-quality stainless steel for optimum contact forces
- Copper current bar for minimum through resistance.



2 Plug-in cross-connections

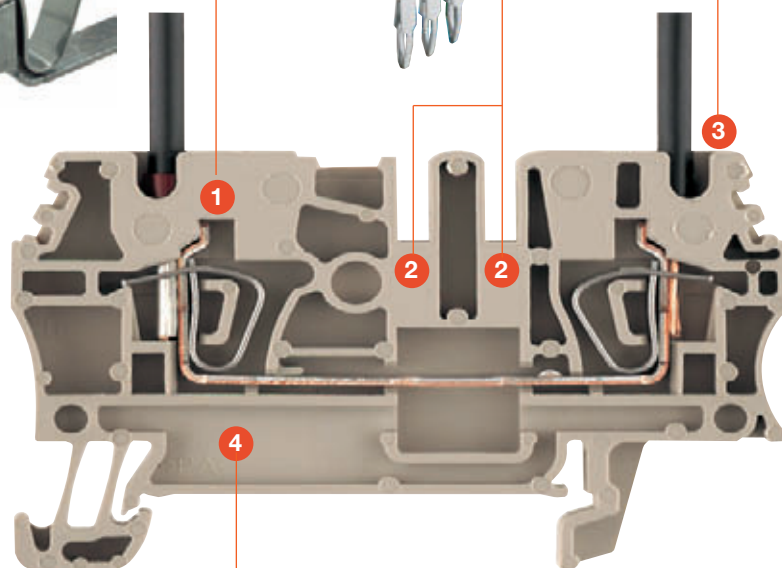
- 2- to 10-pole, or "continuous" for custom assemble.
- Full rated current
- Breakout poles for bypassing other connections.



3 Easy to use

Practical connection thanks to parallel insertion of conductor and screwdriver.

- TOP connection system
- No special tools required
- Integral test point.



The Wemid insulating material

- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- V0 flammability class to UL 94
- Free from halogen and phosphor flame-retardant substances

Clarity means reliability

- Easy to use thanks to generous clamping space to IEC 60947-1
- Suitable for connecting conductors from 0.08 to 35 mm²
- For clamping one conductor per clamping point to IEC 60999

4 Reliable contact

- Maintenance-free connection for reliable contact throughout the lifetime of the terminal
- Gas-tight contact zone
- Surface of current bar treated to prevent oxidation
- Absolutely 100 % vibration-resistant.
- High contact forces

Comprehensive accessories

- Test adapter, test plug
- Can be used with standard and group markers
- End plates / partition plates
- Covers
- Reducing sleeves



Standards and directives

The reliable contact and dependability of the Weidmüller systems are verified by:

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



Feed-through terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

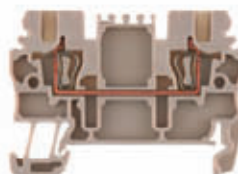
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDU 1.5

1.5 mm²

Two connections



3.5 x 51.5 x 37
17.5 / 1.5
0.05 ... 1.5



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	15
1.5	AWG 30... 14	AWG 26... 14	1.5
6 / 3			
B1 / V-0			



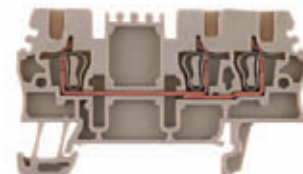
KEMA 01ATEX2106 U

Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

ZDU 1.5/3 AN

1.5 mm²

Three connections



3.5 x 63.5 x 37
17.5 / 1.5
0.05 ... 1.5



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	15
1.5	AWG 30... 14	AWG 26... 14	1.5
6 / 3			
B1 / V-0			

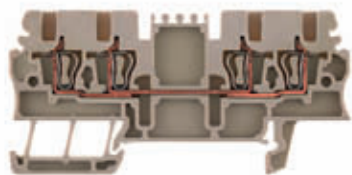


KEMA 01ATEX2106 U

Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

ZDU 1.5/4 AN**1.5 mm²**

Four connections

**3.5 x 75.5 x 37****17.5 / 1.5****0.05 ... 1.5**

IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	15
1.5	AWG 30... 14	AWG 26... 14	1.5
6 / 3			
B1 / V-0			

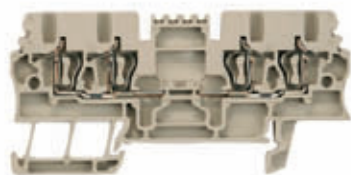
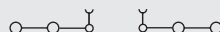


KEMA 01ATEX2106 U

Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

ZDU 1.5 2x2AN**1.5 mm²**

2 x 2 connections

**3.5 x 75.5 x 37****17.5 / 1.5****0.05 ... 1.5**

IEC 60947-7-1

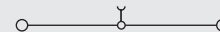
IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	15	20	
1.5	AWG 30... 14	AWG 26... 14	
6 / 3			
B1 / V-0			



Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

ZEI 6**6 mm²**

Supply terminal

**10 x 65 x 45.5****57 / 10****0.5 ... 10**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
8 / 4			
A5 / V-0			



Rated connection	further connection
0.5...10	
0.5...10 / 0.5...6	
13 / 1.0 x 5.5	

Twin wire end ferrules ZH 0.5 - ZH 2.5 can be used.

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 ZDU 1.5/4AN	3.5	20	1776090000
ZAP/TW ZDU 1.5/4AN BL	3.5	20	1776100000

width [mm]			
ZAP/TW ZDU 1.5/4AN	3.5	20	1776090000
ZAP/TW ZDU 1.5/4AN BL	3.5	20	1776100000

width [mm]			
ZAP/TW ZDU 1.5/4AN	3.5	20	1776090000
ZAP/TW ZDU 1.5/4AN BL	3.5	20	1776100000

width [mm]			
ZEW 35	6	20	9540000000

width [mm]			
ZEW 35	6	20	9540000000

width [mm]			
ZEW 35	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	1	9037160000
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SD 0.4x2.0x60	1	9037160000
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SD 0.8x4.0x100	1	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	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 plug-in cross-connections ZQV 1.5/... can be used. The rated voltage is reduced to 400 V or the rated voltage of the distribution terminals.

Feed-through terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

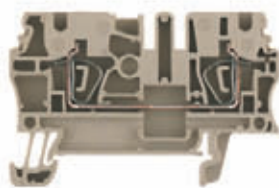
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDU 2.5

2.5 mm²

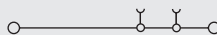
Two connections



5.1 x 59.5 x 39.5

31 / 4

0.05 ... 4



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	27	21
2.5	AWG 30... 12	AWG 26... 12	2.5
8 / 3			
A3 / V-0			



KEMA 97ATEX2521 U

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

ZDU 2.5/3AN

2.5 mm²

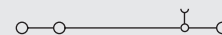
Three connections



5.1 x 64.5 x 39.5

31 / 4

0.05 ... 4



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	23	21
2.5	AWG 30... 12	AWG 26... 12	2.5
8 / 3			
A3 / V-0			

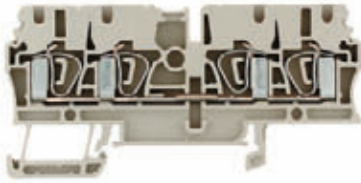
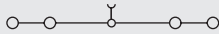


KEMA 97ATEX2521 U

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

ZDU 2.5/4AN**2.5 mm²**

Four connections

**5.1 x 79.5 x 39.5****27 / 4****0.05 ... 4**

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	23	21
2.5	AWG 30... 12	AWG 26... 12	2.5
8 / 3			
A3 / V-0			



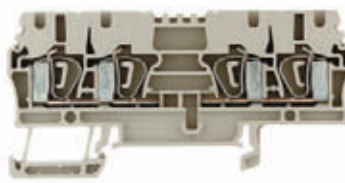
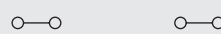
KEMA 97ATEX2521 U

Rated connection	further connection
0.5...4	
0.5...4 / 0.5...2.5	

10 / 0.6 x 3.5

ZDU 2.5/2x2AN**2.5 mm²**

Two potentials feasible

**5.1 x 79.5 x 39.5****30 / 4****0.05 ... 4**

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	25	27	21
2.5	AWG 30... 12	AWG 26... 12	2.5
8 / 3			
A3 / V-0			



KEMA 97ATEX2521 U

Rated connection	further connection
0.5...4	
0.5...4 / 0.5...2.5	

10 / 0.6 x 3.5

Type	Qty.	Order No.
ZDU 2.5/4AN	100	1608570000
ZDU 2.5/4AN BL	100	1608580000

Type	Qty.	Order No.
ZDU 2.5/2X2AN	100	1608600000
ZDU 2.5/2X2AN BL	100	1608610000

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 2.5/20	24	20	1908960000

width [mm]			
ZAP/TW 3	2	50	1608800000
ZAP/TW 3 BL	2	50	1608810000

width [mm]			
ZEW 35	6	20	9540000000

ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

SD 0.6x3.5x100	1	9008330000
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ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000

ZAD 1/4	20	1609110000
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DEK 5 / WS 10/5

Type	Current [A]	Qty.	Order No.

width [mm]			
ZAP/TW 3	2	50	1608800000
ZAP/TW 3 BL	2	50	1608810000

width [mm]			
ZEW 35	6	20	9540000000

ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

SD 0.6x3.5x100	1	9008330000
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ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000

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

DEK 5 / WS 10/5

Feed-through terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDU 4

4 mm²

Two connections



6 x 62 x 43.5	
41 / 6	
0.13 ... 6	

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

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26... 10	AWG 26... 10	4
8 / 3			
A4 / V-0			

 KEMA 97ATEX2521 U

Rated connection	further connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5	

When using twin wire end ferrules, the rated voltage is 690 V.

ZDU 4/3 AN

4 mm²

Three connections



6 x 83.35 x 43.5	
41 / 6	
0.13 ... 6	

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

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26... 10	AWG 26... 10	4
8 / 3			
A4 / V-0			

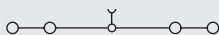
 KEMA 00ATEX2107 U

Rated connection	further connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5	

When using twin wire end ferrules, the rated voltage is 690 V.

ZDU 4/4 AN**4 mm²**

Four connections

**6 x 104.35 x 43.5****41 / 6****0.13 ... 6**

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26... 10	AWG 26... 10	4
8 / 3			
A4 / V-0			



KEMA 00ATEX2107 U

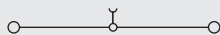
Rated connection	further connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...4	

12 / 0.6 x 3.5

When using twin wire end ferrules, the rated voltage is 690 V.

ZDU 6**6 mm²**

Two connections

**8 x 65 x 45.6****57 / 10****0.21 ... 10**

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	36
6	AWG 22... 8	AWG 20... 8	6
8 / 3			
A5 / V-0			



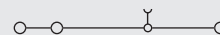
KEMA 97ATEX2521 U

Rated connection	further connection
0.5...10	
0.5...10 / 0.5...6	

13 / 1.0 x 5.5

ZDU 6/3 AN**6 mm²**

Three connections

**8 x 90 x 45.6****57 / 10****0.21 ... 10**

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	36
6	AWG 22... 8	AWG 20... 8	6
8 / 3			
A5 / V-0			



KEMA 00ATEX2107 U

Rated connection	further connection
0.5...10	
0.5...10 / 0.5...6	

13 / 1.0 x 5.5

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
ZQV 4/20 GE	32	20	1909010000

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

width [mm]			
ZEW 35	6	20	9540000000

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

SD 0.6x3.5x100	1	9008330000
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ZRH 4/1 WS	1000	1636640000
ZRH 4/2	1000	1636650000

ZAD 2/4	20	1609080000
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DEK 6 / WS 12/6

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 6/24 GE	41	10	1908990000
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width [mm]			
ZAP/TW 5	2	50	1608830000
ZAP/TW 5 BL	2	50	1608840000

width [mm]			
ZEW 35	6	20	9540000000

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

SD 1.0x5.5x150	1	9008350000
----------------	---	------------

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

DEK 8 / WS 12/6

Twin wire end ferrules ZH 0.5 - ZH 2.5 can be used.

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 6/24 GE	41	10	1908990000
-------------	----	----	------------

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

width [mm]			
ZEW 35	6	20	9540000000

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

SD 1.0x5.5x150	1	9008350000
----------------	---	------------

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

DEK 8 / WS 12/6

Twin wire end ferrules ZH 0.5 - ZH 2.5 can be used.

Feed-through terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

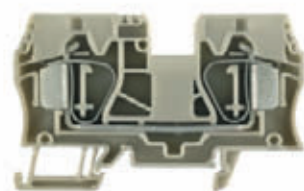
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDU 10

10 mm²

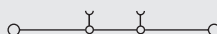
Two connections



10 x 73.5 x 50.5

72 / 16

1.31 ... 16



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	550
57	60	55	50
10	AWG 16... 6	AWG 16... 6	10
8 / 3			
A6 / V-0			



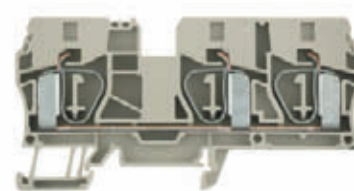
KEMA 99ATEX514 U

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

ZDU 10/3AN

10 mm²

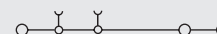
Three connections



10 x 99 x 50.5

57 / 16

1.31 ... 16



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	60	55	50
10	AWG 16... 6	AWG 16... 6	10
8 / 3			
A6 / V-0			

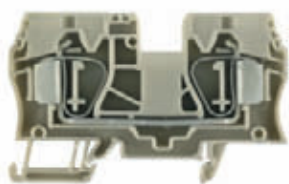


KEMA 00ATEX2107 U

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

ZDU 16**16 mm²**

Two connections

**12 x 82.5 x 51.5****98 / 25****1.5 ... 25**

IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	65	65	66
16	AWG 14... 4	AWG 14... 4	16
8 / 3			
A7 / V-0			



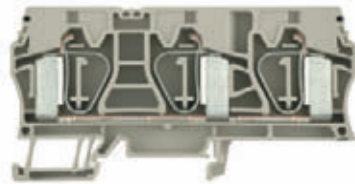
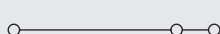
KEMA 99ATEX5514 U

Rated connection	further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	

18 / 1.0 x 5.5

ZDU 16/3 AN**16 mm²**

Three connections

**12 x 99 x 51.5****76 / 25****1.5 ... 25**

IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	65	65	66
16	AWG 14... 4	AWG 14... 4	16
8 / 3			
A7 / V-0			



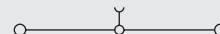
KEMA 00ATEX2107 U

Rated connection	further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	

18 / 1.0 x 5.5

ZEI 16**16 mm²**

Supply terminal

**15 x 82.5 x 51.5****76 / 25****1.5 ... 25**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
76	65	65	
16	AWG 14... 4	AWG 14... 4	
8 / 3			
A7 / V-0			



Rated connection	further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	

18 / 1.0 x 5.5

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

Type	Current [A]	Qty.	Order No.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000

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

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

width [mm]			

width [mm]			
ZEW 35	6	20	9540000000

width [mm]			
ZEW 35	6	20	9540000000

width [mm]			
ZEW 35	6	20	9540000000

SD 1.0x5.5x150	1	9008350000
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SD 1.0x5.5x150	1	9008350000
----------------	---	------------

SD 1.0x5.5x150	1	9008350000
----------------	---	------------

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

ZAD 5/5	20	1745210000
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DEK 5 / WS 15/5

DEK 5 / WS 15/5

DEK 5 / WS 15/5

Cross-connection of ZDU 16 and ZDU 35 is possible with ZQV 35-16.
 Cross-connection of ZDU 10 and ZDU 16 is possible with ZQV 16-10.

Feed-through terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

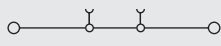
Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDU 35

35 mm²

Two connections



16 x 100.5 x 59	
125 / 35	
2.5 ... 35	

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
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	further connection
2.5...16 / 2.5...35	
2.5...35 / 2.5...35	
25 / 1.0 x 5.5	

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
width [mm]			
width [mm]			
ZEW 35	6	20	9540000000
SD 1.0x5.5x150		1	9008350000
ZAD 6/5		20	1752620000
DEK 5 / WS 15/5			
Cross-connection of ZDU 10 and ZDU 35 is possible with ZQV 35-10.			
Cross-connection of ZDU 16 and ZDU 35 is possible with ZQV 35-16.			

Feed-through terminals

Roof-Style

The compact terminal range for conductor cross-sections 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

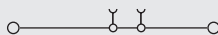
ZDU 2.5-2

2.5 mm²

Two connections



5.1 x 50.5 x 44
24 / 4
0.13 ... 4



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	24	24	21
2.5	AWG 26... 12	AWG 30... 12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

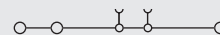
ZDU 2.5-2/3AN

2.5 mm²

Three connections



5.1 x 50.5 x 44
24 / 4
0.13 ... 4



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	23	23	21
2.5	AWG 26... 12	AWG 30... 12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5-2	100	1772060000
ZDU 2.5-2 BL	100	1772070000
The rated voltage is reduced to 400 V 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 2.5/20	24	20	1908960000

width [mm]		
ZAP/TW7	2.5	50
ZAP/TW7 BL	2.5	50

width [mm]		
ZEW 35	6	20

ZTA 4	25	1688110000
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SD 0.6x3.5x100	1	9008330000
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ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

ZAD 1/4-2 GE	20	1764560000
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DEK 5 / WS 14/5

The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

4 mm²

Three connections



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26... 10	AWG 26... 10	4

8 / 3



Rated connectivity
0.5...6
0.5...4 / 0.5...4

$$10 / 0.6 \times 3.5$$

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

The rated voltage is reduced to 400 V 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
ZQV 4/20 GE	32	20	1909010000
width [mm]			
ZAP ZDU4-2	2	50	1770400000
ZAP ZDU4-2 BL	2	50	1770880000
width [mm]			
ZEW 35	6	20	9540000000
ZTA 6/ZA		25	1780660000
SD 0.6x3.5x100		1	9008330000
ZAD 1/4		20	1609110000

DEK 6 / WS 12/6

The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

Feed-through terminals

Roof-Style

The compact terminal range for conductor cross-sections 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDU 4-2/3AN LSC

4 mm²

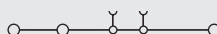
Three connections



6.1 x 61.5 x 46

38 / 6

0.13 ... 6



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26... 10	AWG 26... 10	4
8 / 3			
A3 / V-0			
KEMA 97ATEX4677 U			

Rated connection

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5

The ZDU 4-2/3AN LSC version can be mounted on a 40mm Lütze section.

ZDU 4-2/4AN

4 mm²

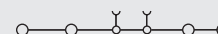
Four connections



6.1 x 75.5 x 46

32 / 6

0.13 ... 6



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26... 10	AWG 26... 10	4
8 / 3			
A3 / V-0			
KEMA 97ATEX4677 U			

Rated connection

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5

The rated voltage is reduced to 400 V when using the cross-connection.

Type	Qty.	Order No.
ZDU 4-2/4AN	100	1806980000
ZDU 4-2/4AN BL	100	1806990000
The rated voltage is reduced to 400 V 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
ZQV 4/20 GE	32	20	1909010000

width [mm]	
ZAP ZDU4-2	2 50
ZAP ZDU4-2 BL	2 50

width [mm]	
ZEW 35	6 20

ZTA 6/ZA	25	1780660000
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SD 0.6x3.5x100	1	9008330000
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ZAD 1/4	20	1609110000
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DEK 6 / WS 12/6		
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The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

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
ZQV 4/20 GE	32	20	1909010000

width [mm]	
ZAP ZDU4-2/4AN	2 50
ZAP ZDU4-2/4AN BL	2 50

width [mm]	
ZEW 35	6 20

ZTA 6/ZA	25	1780660000
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SD 0.6x3.5x100	1	9008330000
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ZAD 1/4	20	1609110000
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DEK 6 / WS 12/6		
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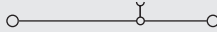
The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

ZDU 6-2/2AN**6 mm²**

Two connections



8.1 x 68 x 50
41 / 10
0.33 ... 10



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	36
6	AWG 22... 8	AWG 20... 8	6
8 / 3			
A5 / V-0			



KEMA 97ATEX4677 U

Rated connection	further connection
0.5...10	
0.5...10 / 0.5...6	

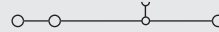
12 / 0.6 x 3.5

ZDU 6-2/3AN**6 mm²**

Three connections



8.1 x 68 x 50
41 / 10
0.33 ... 10



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	36
6	AWG 22... 8	AWG 20... 8	6
8 / 3			
A5 / V-0			



KEMA 97ATEX4677 U

Rated connection	further connection
0.5...10	
0.5...10 / 0.5...6	

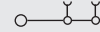
12 / 0.6 x 3.5

ZEI 16-2 /1 AN**16 mm²**

Supply terminal



14 x 61.5 x 51.5
76 / 25
1.5 ... 25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
76	65	65	
16	AWG 14... 4	AWG 14... 4	
6 / 3			
A7 / V-0			



Rated connection	further connection
1.5...10...25	
1.5...16 / 1.5...16	

18 / 1.0 x 5.5

Rated voltage is reduced to 400 V or 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 400 V 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 400 V 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

ZQV 6/24 GE	41	10	1908990000
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width [mm]			
ZAP ZDU6-2	2.5	50	1771440000
ZAP ZDU6-2 BL	2.5	50	1771450000

width [mm]			
ZEW 35	6	20	9540000000

ZTA 7/ZA	25	1780670000
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SD 0.8x4.0x100	1	9008340000
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DEK 8

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 6/24 GE	41	10	1908990000
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width [mm]			
ZAP ZDU6-2	2.5	50	1771440000
ZAP ZDU6-2 BL	2.5	50	1771450000

width [mm]			
ZEW 35	6	20	9540000000

ZTA 7/ZA	25	1780670000
----------	----	------------

SD 0.6x3.5x100	1	9008330000
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DEK 8

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

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width [mm]			

width [mm]			
ZEW 35	6	20	9540000000

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SD 1.0x5.5x150	1	9008350000
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ZAD 5/5	20	1745210000
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DEK 8

The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

Modular PE terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

Ordering data

Version	
	green/yellow Wemid
Note	

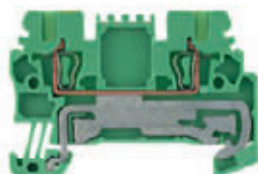
Accessories

End plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Testing / Checking	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set" Standard
Reducing sleeves	
for conductors < 0.5 mm ² / < AWG 20	ZRH 1.5S/1
for conductors < 1.0 mm ² / < AWG 18	ZRH 1.5S/2
PEN jumper	
Inserted into TN-S distributor between N and PE terminals	
Marking systems	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

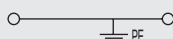
ZPE 1.5

1.5 mm²

Two connections



3.5 x 51.5 x 37
 / 1.5
 0.05 ... 1.5



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 30... 14	AWG 26... 14	1.5
500			
6			
3			
B1 / V-0			



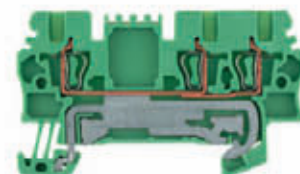
KEMA 01ATEX2106 U

Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

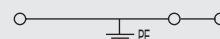
ZPE 1.5/3AN

1.5 mm²

Three connections



3.5 x 63.5 x 37
 / 1.5
 0.05 ... 1.5



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 30... 14	AWG 26... 14	1.5
500			
6			
3			
B1 / V-0			

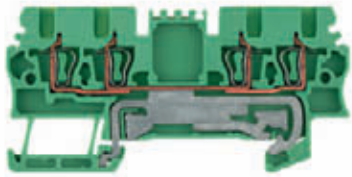


KEMA 01ATEX2106 U

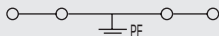
Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

ZPE 1.5/4AN**1.5 mm²**

Four connections



3.5 x 75.5 x 37
/ 1.5
0.05 ... 1.5



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 30... 14	AWG 26... 14	1.5
500			
6			

3	
B1 / V-0	



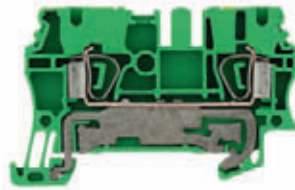
KEMA 01ATEX2106 U

Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	

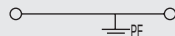
10 / 0.4 x 2.0

ZPE 2.5**2.5 mm²**

Two connections



5.1 x 59.5 x 39.5
/ 4
0.05 ... 4



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 26... 12	2.5
800			
8			

3	
A3 / V-0	



KEMA 97ATEX2521 U

Rated connection	further connection
0.5...4	
0.5...4 / 0.5...2.5	

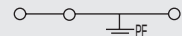
10 / 0.6 x 3.5

ZPE 2.5/3AN**2.5 mm²**

Three connections



5.1 x 64.5 x 39.5
/ 4
0.05 ... 4



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 26... 12	2.5
800			
8			

3	
A3 / V-0	



KEMA 97ATEX2521 U

Rated connection	further connection
0.5...4	
0.5...4 / 0.5...2.5	

10 / 0.6 x 3.5

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

Type	Qty.	Order No.
ZPE 2.5	100	1608640000

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

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

	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

SD 0.4x2.0x60	1	9037160000
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ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

DEK 5 / WS 12/3,5

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

	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

SD 0.6x3.5x100	1	9008330000
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ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000

DEK 5 / WS 10/5

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

	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

SD 0.6x3.5x100	1	9008330000
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ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000

DEK 5 / WS 10/5

Modular PE terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

Ordering data

Version	
	green/yellow Wemid
Note	

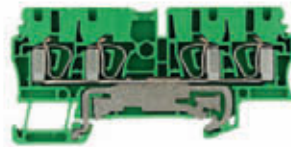
Accessories

End plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Testing / Checking	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set" Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / < AWG 20 for conductors < 1.0 mm ² / < AWG 18
PEN jumper	
	Inserted into TN-S distributor between N and PE terminals
Marking systems	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

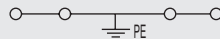
ZPE 2.5/4AN

2.5 mm²

Four connections



5.1 x 79.5 x 39.5
 / 4
0.05 ... 4



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 26... 12	2.5
800			
8			
	3		
	A3 / V-0		
KEMA 97ATEX2521 U			

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

ZPE 4

4 mm²

Two connections



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



IEC 60947-7-2

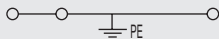
Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	4
800			
8			
	3		
	A4 / V-0		
KEMA 97ATEX2521 U			

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

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	4
800			
8			

3

A4 / V-0



KEMA 00ATEX2107 U

Rated connection **further connection**

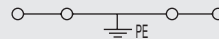
0.5...6 / 0.5...6

0.5...6 / 0.5...4

12 / 0.6 x 3.5

ZPE 4/4 AN**4 mm²**

Four connections

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

IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	4
800			
8			

3

A4 / V-0



KEMA 00ATEX2107 U

Rated connection **further connection**

0.5...6 / 0.5...6

0.5...6 / 0.5...4

12 / 0.6 x 3.5

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

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

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

	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

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

SD 0.6x3.5x100	1	9008330000
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ZRH 4/1 WS	1000	1636640000
ZRH 4/2	1000	1636650000

DEK 6 / WS 12/6

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

	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

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

SD 0.6x3.5x100	1	9008330000
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ZRH 4/1 WS	1000	1636640000
ZRH 4/2	1000	1636650000

DEK 6 / WS 12/6

Modular PE terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
green/yellow Wemid

Note

Accessories

End plate
dark beige Wemid

End bracket
dark beige / beige

Testing / Checking	
For testing wired terminal strips	Standard with spigot

Screwdrivers	
with cutting device "swifty set"	Standard

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

PEN jumper
Inserted into TN-S distributor between N and PE terminals

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

For detailed information on other accessories and applications see "Accessories"

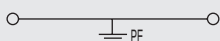
ZPE 6

6 mm²

Two connections



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



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22... 8	AWG 20... 8	6

800
8

3
A5 / V-0

	KEMA 97ATEX2521 U
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Rated connection	further connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	

13 / 0.6 x 3.5

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Type	Qty.	Order No.
ZPE 6	50	1608670000

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

width [mm]		
ZEW 35	6	20
9540000000		

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Type	width [mm]	Qty.	Order No.
ZTA 3 ZDU6		25	1654050000

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Type	width [mm]	Qty.	Order No.
SD 1.0x5.5x150		1	9008350000

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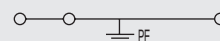
ZPE 6/3 AN

6 mm²

Three connections



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



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22... 8	AWG 20... 8	6

800
8

3
A5 / V-0

	KEMA 00ATEX2107 U
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Rated connection	further connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	

13 / 0.6 x 3.5

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

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

width [mm]		
7FW 35	6	20
		9540000000

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Type	width [mm]	Qty.	Order No.
ZTA 3 ZDU6		25	1654050000

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Type	width [mm]	Qty.	Order No.
SD 1.0x5.5x150		1	9008350000

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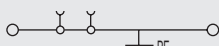
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ZPE 10**10 mm²**

Two connections

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

IEC 60947-7-2

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10
800			
8			

3
A6 / V-0



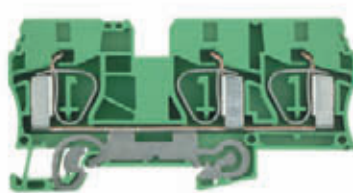
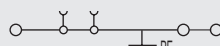
KEMA 99ATEX5514 U

Rated connection	further connection
1.5...16 / 10...16	
1.5...10 / 1.5...10	

18 / 1.0 x 5.5

ZPE 10/3 AN**10 mm²**

Three connections

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

IEC 60947-7-2

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10
800			
8			

3
A6 / V-0



KEMA 00ATEX2107 U

Rated connection	further connection
1.5...16 / 10...16	
1.5...10 / 1.5...10	

18 / 1.0 x 5.5

Type	Qty.	Order No.
ZPE 10	25	1746770000

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

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

width [mm]	Qty.	Order No.
ZEW 35	6	9540000000

SD 1.0x5.5x150	1	9008350000
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DEK 5 / WS 12/6

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

width [mm]	Qty.	Order No.
ZEW 35	6	9540000000

SD 1.0x5.5x150	1	9008350000
----------------	---	------------

DEK 5 / WS 12/6

Modular PE terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
green/yellow Wemid

Note

Accessories

End plate
dark beige Wemid

End bracket
dark beige / beige

Testing / Checking
For testing wired terminal strips
Standard with spigot

Screwdrivers
with cutting device "swifty set"
Standard

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

PEN jumper
Inserted into TN-S distributor between N and PE terminals

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

For detailed information on other accessories and applications see "Accessories"

ZPE 16

16 mm²

Two connections



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

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

IEC	UL	CSA	EN 60079-7
16	AWG 14... 4	AWG 14... 4	16
800			
8			
	3		
	A7 / V-0		

KEMA 99ATEX5514 U

Rated connection	further connection
1.5...16 / 16...25	
1.5...16 / 1.5...16	
18 / 1.0 x 5.5	

To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16	25	1745250000

Note

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

width [mm]		
ZEW 35	6	20
9540000000		

Testing / Checking
For testing wired terminal strips
Standard with spigot

Screwdrivers
with cutting device "swifty set"
Standard

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

PEN jumper
Inserted into TN-S distributor between N and PE terminals

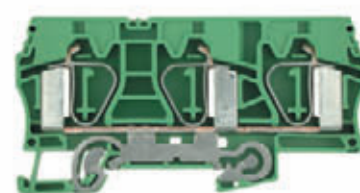
Marking systems
(see large assortment in catalogue 7)
Marking tags

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

ZPE 16/3AN

16 mm²

Three connections



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

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

IEC	UL	CSA	EN 60079-7
16	AWG 14... 4	AWG 14... 4	16
800			
8			
	3		
	A7 / V-0		

KEMA 00ATEX2107 U

Rated connection	further connection
1.5...16 / 16...25	
1.5...16 / 1.5...16	
18 / 1.0 x 5.5	

To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.

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

Note

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

width [mm]		
ZEW 35	6	20
9540000000		

Testing / Checking
For testing wired terminal strips
Standard with spigot

Screwdrivers
with cutting device "swifty set"
Standard

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

PEN jumper
Inserted into TN-S distributor between N and PE terminals

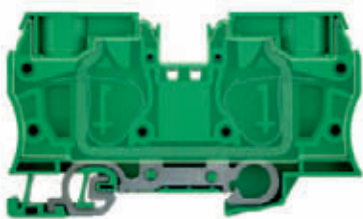
Marking systems
(see large assortment in catalogue 7)
Marking tags

WS 15/5

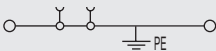
ZPE 35

35 mm²

Two connections



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



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

IEC	UL	CSA	EN 60079-7
35	AWG 12... 2	AWG 12... 2	35
800			
8			
	3		
	A8 / V-0		

 KEMA 00ATEX2107 U

Rated connection	further connection
2.5...16 / 2.5...35	
2.5...35 / 2.5...35	

25 / 1.0 x 5.5

To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 35	10	1739650000

End plate is integrated.

Type	width [mm]	Qty.	Order No.
	width [mm]		
ZEW 35	6	20	9540000000

SD 1.0x5.5x150 1 9008350000

DEK 5 / WS 15/5

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

Modular PE terminals

Roof-Style

The compact terminal range for conductor cross-sections 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 x length x height with TS 35 x 7.5	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 to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version	
	green/yellow Wemid

Note

Accessories

End plate	
	dark beige Wemid

End bracket	
	dark beige / beige

Testing / Checking	
For testing wired terminal strips	Standard with spigot

Screwdrivers	
	with cutting device "swifty set" Standard

Reducing sleeves	
for conductors < 0.5 mm ² / < AWG 20	ZRH 1.5H/1
for conductors < 1.0 mm ² / < AWG 18	ZRH 1.5H/2

PEN jumper	
Inserted into TN-S distributor between N and PE terminals	

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

For detailed information on other accessories and applications see "Accessories"

ZPE 2.5-2

2.5 mm²

Two connections



5.1 x 50.5 x 44	
/ 4	
0.13 ... 4	

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

IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 30... 14	2.5
800			
8			
	3		
	A2 / V-0		

KEMA 97ATEX4677 U

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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZPE 2.5-2/3AN

2.5 mm²

Three connections



5.1 x 50.5 x 44	
/ 4	
0.13 ... 4	

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

IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 30... 14	2.5
800			
8			
	3		
	A2 / V-0		

KEMA 97ATEX4677 U

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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

Note

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

	width [mm]		
ZEW 35	6	20	9540000000

ZTA 4	25		1688110000

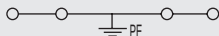
SD 0.6x3.5x100	1		9008330000

ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000

DEK 5 / WS 14/5			

ZPE 2.5-2/4AN**2.5 mm²**

Four connections

**5.1 x 50.5 x 44****/ 4****0.13 ... 4**

IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 30... 14	2.5
800			
8			

3			
A2 / V-0			



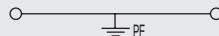
KEMA 97ATEX4677 U

Rated connection	further connection
0.5...4	
0.5...2.5 / 0.5...2.5	

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.**ZPE 4-2/2AN****4 mm²**

Two connections

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

IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	4
800			
8			

3			
A3 / V-0			



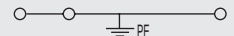
KEMA 97ATEX4677 U

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	

10 / 0.6 x 3.5

ZPE 4-2/3AN**4 mm²**

Three connections

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

IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	4
800			
8			

3			
A3 / V-0			



KEMA 97ATEX4677 U

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	

10 / 0.6 x 3.5

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

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

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

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

Type	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

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

Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100	1		9008330000

Type	width [mm]	Qty.	Order No.
ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000

WS 10/5

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

Type	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

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

Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100	1		9008330000

Type	width [mm]	Qty.	Order No.
ZRH 4/1 WS	1000		1636640000
ZRH 4/2	1000		1636650000

DEK 6 / WS 12/6

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

Type	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

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

Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100	1		9008330000

Type	width [mm]	Qty.	Order No.
ZRH 4/1 WS	1000		1636640000
ZRH 4/2	1000		1636650000

DEK 6 / WS 12/6

Modular PE terminals

Roof-Style

The compact terminal range for conductor cross-sections 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 x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

Ordering data

Version	
green/yellow Wemid	
Note	

Accessories

End plate	
dark beige Wemid	
End bracket	
dark beige / beige	
Testing / Checking	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
with cutting device "swifty set"	Standard
Reducing sleeves	
for conductors < 0.5 mm ² / < AWG 20	
for conductors < 1.0 mm ² / < AWG 18	
PEN jumper	
Inserted into TN-S distributor between N and PE terminals	
Marking systems	(see large assortment in catalogue 7)
Marking tags	
For detailed information on other accessories and applications see "Accessories"	

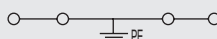
ZPE 4-2/4 AN

4 mm²

Four connections



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



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	4
800			
8			
	3		
	A3 / V-0		
			KEMA 97ATEX4677 U

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

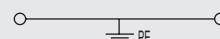
ZPE 6-2/2AN

6 mm²

Two connections



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



IEC 60947-7-2

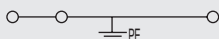
Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22... 8	AWG 20... 8	6
800			
8			
	3		
	A5 / V-0		
			KEMA 97ATEX4677 U

Rated connection	further 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

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22... 8	AWG 20... 8	6
800			
8			

3	
A5 / V-0	



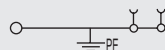
KEMA 97ATEX4677 U

Rated connection	further connection
0.5...10	
0.5...10 / 0.5...6	

12 / 0.6 x 3.5

ZPE 16-2/1AN**16 mm²**

Supply terminal - PE

**12 x 65 x 51.5****/ 25****1.5 ... 25**

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14... 4	AWG 14... 4	
800			
8			

1920 A (16 mm ²)	
3	
A7 / V-0	



Rated connection	further connection
1.5...10 / 16...25	
1.5...16 / 1.5...16	

18 / 1.0 x 5.5

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

Type	Qty.	Order No.
ZPE 6-2/3AN	50	1771360000

Type	Qty.	Order No.
ZPE 16-2/1AN	20	1772960000

Type	width [mm]	Qty.	Order No.
ZAP ZDU6-2	2.5	50	1771440000

width [mm]	Qty.	Order No.
ZEW 35	6	9540000000

width [mm]	Qty.	Order No.
ZTA 7/ZA	25	1780670000

width [mm]	Qty.	Order No.
SD 0.8x4.0x100	1	9008340000

DEK 8

Type	width [mm]	Qty.	Order No.
ZAP/Z...16-2/1AN	2.5	10	1772970000

width [mm]	Qty.	Order No.
ZEW 35	6	9540000000

width [mm]	Qty.	Order No.
SD 1.0x5.5x150	1	9008350000

DEK 8

The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

Double/Multi level terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

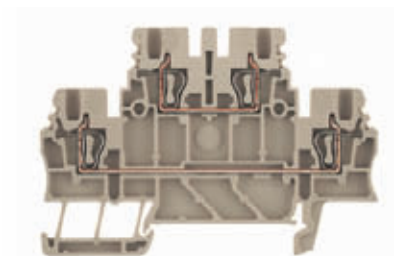
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

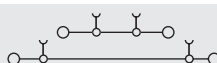
ZDK 1.5

1.5 mm²

Double level terminals



3.5 x 75.5 x 50
17.5 / 1.5
0.05 ... 1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	10	10	
1.5	AWG 30... 16	AWG 28... 16	
	6 / 3		
	B1 / V-0		

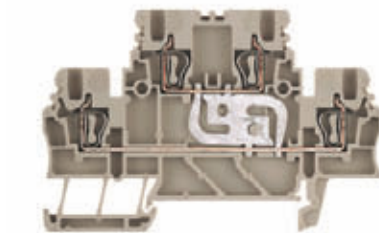


Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

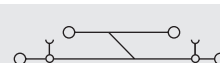
ZDK 1.5V

1.5 mm²

Vertically cross-connected double level terminal



3.5 x 75.5 x 50
17.5 / 1.5
0.05 ... 1.5



IEC 60947-7-1

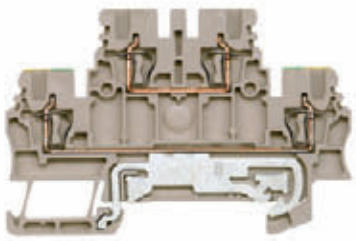
IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	10	10	
1.5	AWG 30... 16	AWG 28... 16	
	6 / 3		
	B1 / V-0		



Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

ZDK 1.5 DU-PE1.5 mm²

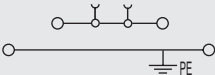
Double level terminals (DU - PE)



3.5 x 75.5 x 50

17.5 / 1.5

0.05 ... 1.5



IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	10	10	
1.5	AWG 30... 16	AWG 28... 16	
6 / 3			
B1 / V-0			
			
Rated connection		further connection	
0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.4 x 2.0			

Type	Qty.	Order No.
ZDK 1.5DU-PE	100	1791120000
Upper level: feed-through terminal Lower level: PE terminal		

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 35	6	20	9540000000
ZTA 5	25		1776210000
ZTA 5/ZA	25		1776220000
SD 0.4x2.0x60		1	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			

Double/Multi level terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

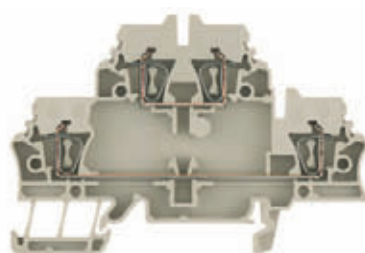
Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDK 2.5

2.5 mm²

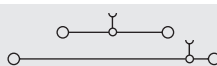
Double level terminals



5.1 x 79.5 x 54

20 / 2.5

0.05 ... 2.5



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	10	10	18
2.5	AWG 30... 12	AWG 26... 12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDK 2.5 V

2.5 mm²

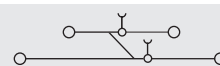
Vertically cross-connected double level terminal



5.1 x 79.5 x 54

24 / 2.5

0.05 ... 2.5



IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
20	10	10	20
2.5	AWG 30... 12	AWG 26... 12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5V	50	1688990000
ZDK 2.5V 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 2.5/20	24	20	1908960000

width [mm]	
ZAP/TW ZDK2.5	1.5 20 1674730000
ZAP/TW ZDK2.5 BL	1.5 20 1748800000

width [mm]	
ZEW 35	6 20 9540000000

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

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

DEK 5 / WS 12/5	
-----------------	--

ZVQ 2.5/15 (1720700000) connects two current bars one above the other.

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 2.5/20	24	20	1908960000

width [mm]	
ZAP/TW ZDK2.5	1.5 20 1674730000
ZAP/TW ZDK2.5 BL	1.5 20 1748800000

width [mm]	
ZEW 35	6 20 9540000000

ZTA 4	25	1688110000
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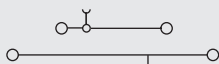
SD 0.6x3.5x100	1	9008330000
----------------	---	------------

ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

DEK 5 / WS 10/5	
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ZDK 2.5 DU-PE**2.5 mm²**

Phase - PE conductor

**5.1 x 79.5 x 54****20 / 2.5****0.05 ... 2.5**

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

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
24	10	10	20
2.5	AWG 30... 12	AWG 26... 12	2.5
6 / 3			
A2 / V-0			



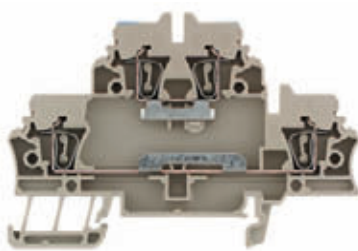
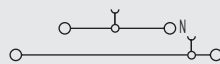
KEMA 97ATEX4677 U

Rated connection	further connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.**ZDK 2.5 N-DU****2.5 mm²**

Neutral conductor - phase

**5.1 x 79.5 x 54****20 / 2.5****0.05 ... 2.5**

IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	10	10	20
2.5	AWG 30... 12	AWG 26... 12	2.5
6 / 3			
A2 / V-0			



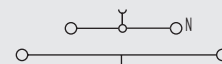
KEMA 97ATEX4677 U

Rated connection	further connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.**ZDK 2.5 N-PE****2.5 mm²**

Neutral & PE conductor

**5.1 x 79.5 x 54****20 / 2.5****0.05 ... 2.5**

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

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	10	10	20
2.5	AWG 30... 12	AWG 26... 12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

Rated connection	further connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5DU-PE	50	1689970000

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

Type	Qty.	Order No.
ZDK 2.5N-PE	50	1689980000

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 2.5/20	24	20	1908960000

width [mm]			
ZAP/TW ZDK2.5	1.5	20	1674730000
ZAP/TW ZDK2.5 BL	1.5	20	1748800000

width [mm]			
ZEW 35	6	20	9540000000

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

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

DEK 5 / WS 12/5

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 2.5/20	24	20	1908960000

width [mm]			
ZAP/TW ZDK2.5	1.5	20	1674730000
ZAP/TW ZDK2.5 BL	1.5	20	1748800000

width [mm]			
ZEW 35	6	20	9540000000

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

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

DEK 5 / WS 12/5

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 2.5/20	24	20	1908960000

width [mm]			
ZAP/TW ZDK2.5	1.5	20	1674730000
ZAP/TW ZDK2.5 BL	1.5	20	1748800000

width [mm]			
ZEW 35	6	20	9540000000

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

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

DEK 5 / WS 12/5

Double/Multi level terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDLD 2.5-2 N

2.5 mm²

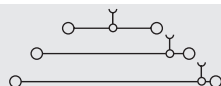
Three levels



5.1 x 110.5 x 70

20 / 2.5

0.08 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	15	15	
2.5	AWG 26... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		



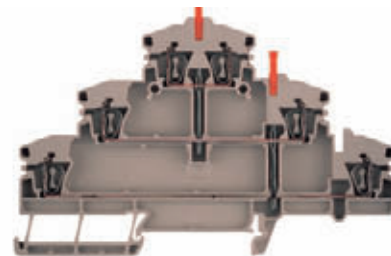
Rated connection	further connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDLD 2.5-2 VN

2.5 mm²

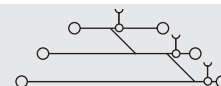
Vertically cross-connected multi level terminal



5.1 x 110.5 x 70

20 / 2.5

0.08 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
20	15	15	
2.5	AWG 26... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		



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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

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 2.5/20	24	20	1908960000

width [mm]			
ZAP/TW ZDLD2.5-2N	1.5	20	1782340000
ZAP/TW ZDLD2.5-2N BL	1.5	20	1782350000

width [mm]			
ZEW 35	6	20	9540000000

ZTA 4	25	1688110000
SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

DEK 5 / WS 12/5

ZVQ 2.5/15 (1720700000) connects two current bars one above the other.

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 2.5/20	24	20	1908960000

width [mm]			
ZAP/TW ZDLD2.5-2N	1.5	20	1782340000
ZAP/TW ZDLD2.5-2N BL	1.5	20	1782350000

width [mm]			
ZEW 35	6	20	9540000000

ZTA 4	25	1688110000
SD 0.6x3.5x100	1	9008330000

ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

DEK 5 / WS 12/5

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

End plate / Partition plate	
	dark beige Wemid
	blue Wemid

End bracket	
	dark beige Wemid

Test adapter	
For testing wired terminal strips	Standard
	with spigot

Screwdrivers	
	with cutting device "swifty set"
	Standard

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

Cover	
	with lightning flash symbol
	blank

Labelling systems	(see large assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications see "Accessories"

ZMAK 2.5

2.5 mm²

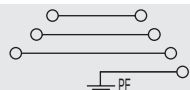
Motor supply terminal



5.1 x 102 x 70

31 / 4

0.08 ... 4



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

IEC	UL	CSA	EN 60079-7
400	300	300	
24	25	25	
2.5	AWG 26... 12	AWG 26... 12	
		6 / 3	
		A3 / V-0	



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

Type	Current [A]	Qty.	Order No.
ZMAK 2.5		25	1768000000

width [mm]	
ZAP ZMAK2.5	1.5 10 1768010000

width [mm]	
ZEW 35	6 20 9540000000

SD 0.6x3.5x100	1	9008330000
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ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

DEK 5 / ZGB 15

Double/Multi level terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

Ordering data

Version	
	green/yellow Wemid
Note	

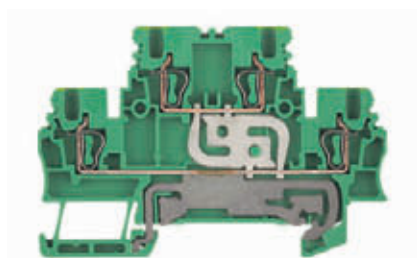
Accessories

End plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Testing / Checking	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set" Standard
Reducing sleeves	
for conductors < 0.5 mm ² / < AWG 20	ZRH 1.5S/1
for conductors < 1.0 mm ² / < AWG 18	ZRH 1.5S/2
PEN jumper	
Inserted into TN-S distributor between N and PE terminals	
Marking systems	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDK 1.5 PE

1.5 mm²

Double level terminals



3.5 x 75.5 x 50	
/ 1.5	
0.05 ... 1.5	



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 30... 16	AWG 26... 16	1.5
500			
6			
3			
B1 / V-0			

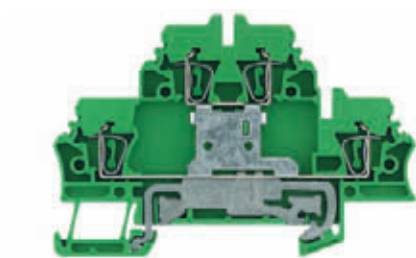
KEMA 01ATEX2106 U

Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

ZDK 2.5 PE

2.5 mm²

Vertically cross-connected



5.1 x 79.5 x 54	
/ 2.5	
0.05 ... 2.5	



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 26... 12	2.5
500			
6			
3			
A2 / V-0			

KEMA 97ATEX4677 U

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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 1.5PE	100	1791160000
Note		

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

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

Type	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

Type	width [mm]	Qty.	Order No.
ZTA 5	25		1776210000
ZTA 5/ZA	25		1776220000

Type	width [mm]	Qty.	Order No.
SD 0.4x2.0x60	1		9037160000
ZRH 1.5S/1	500		1781950000
ZRH 1.5S/2	500		1781960000

Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100	1		9008330000
ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000

Type	width [mm]	Qty.	Order No.
DEK 5/3,5 / WS 10/3,5			
DEK 5 / WS 12/5			

Double/Multi level terminals

Roof-style

The compact terminal range for conductor cross-sections 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

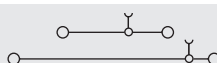
ZDK 2.5-2

2.5 mm²

Double level terminals



5.1 x 72.5 x 55.5
24 / 4
0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	25	
2.5	AWG 30... 12	AWG 30... 12	
	8 / 3		
	A2 / V-0		



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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

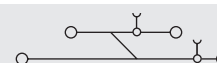
ZDK 2.5-2V

2.5 mm²

Vertically cross-connected double level terminal



5.1 x 72.5 x 55.5
24 / 4
0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	25	
2.5	AWG 30... 12	AWG 30... 12	
	8 / 3		
	A2 / V-0		



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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5-2V	50	1791030000
ZDK 2.5-2V BL	50	1791040000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	Qty.	Order No.
ZDK 2.5-2	50	1790990000
ZDK 2.5-2 BL	50	1791000000
The rated voltage is reduced to 400 V 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 2.5/20	24	20	1908960000

width [mm]			
ZAP/TW ZDK2.5-2	2	20	1791050000
ZAP/TW ZDK2.5-2 BL	2	20	1791060000

width [mm]			
ZEW 35	6	20	9540000000

ZTA 4	25	1688110000
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SD 0.6x3.5x100	1	9008330000
----------------	---	------------

ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

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

DEK 5 / WS 10/5

ZDK 2.5-2/LD 24VUC order No. 1905310000

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 2.5/20	24	20	1908960000

width [mm]			
ZAP/TW ZDK2.5-2	2	20	1791050000
ZAP/TW ZDK2.5-2 BL	2	20	1791060000

width [mm]			
ZEW 35	6	20	9540000000

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

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

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

DEK 5 / WS 10/5

Roof-style

The compact terminal range for conductor cross-sections 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

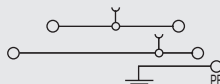
ZDKPE 2.5-2

2.5 mm²

Double level terminals with PE connection on one side



5.1 x 72.5 x 55.5
24 / 4
0.05 ... 4



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

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 30... 12	AWG 30... 12	
	8 / 3		
	A2 / V-0		



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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

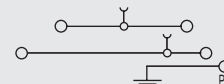
ZDKPE 2.5-2/N/L/PE

2.5 mm²

Double level terminals with PE connection on one side



5.1 x 72.5 x 55.5
24 / 4
0.05 ... 4



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

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20		
2.5	AWG 30... 12	AWG 30... 12	
	8 / 3		
	A2 / V-0		

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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDKPE 2.5-2	50	1805940000
Type	Qty.	Order No.
ZDKPE 2.5-2/N/L/PE	50	1895700000

The rated voltage is reduced to 400 V 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 2.5/20	24	20	1908960000

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

width [mm]	
ZEW 35	6 20 9540000000

width [mm]	
ZTA 4	25 1688110000

width [mm]	
SWIFTY	1 9006020000
SD 0.6x3.5x100	1 9008330000

width [mm]	
ZRH 1.5H/1	1000 1678810000
ZRH 1.5H/2	1000 1678800000

width [mm]	
ZAD 1/4-2 GE	20 1764560000

width [mm]	
DEK 5 / WS 10/5	
WS 10/5 / DEK 5	

Double/Multi level 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

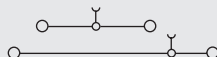
ZDK 4-2

4 mm²

Double level terminals



6.1 x 77.6 x 61
32 / 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	A3 / V-0		



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

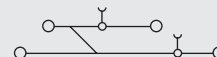
ZDK 4-2 V

4 mm²

Vertically cross-connected double level terminal



6.1 x 77.6 x 61
32 / 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	A3 / V-0		

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

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

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

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
ZQV 4/20 GE	32	20	1909010000

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

width [mm]			
ZEW 35	6	20	9540000000

ZTA 6/ZA	25	1780660000
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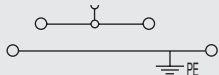
SD 0.6x3.5x100	1	9008330000
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ZAD 1/4	20	1609110000
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DEK 6	
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ZDK 4-2 DU/PE**4 mm²**

Phase - PE conductor

**6.1 x 77.6 x 61****32 / 6****0.13 ... 6**

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

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	A3 / V-0		

**Rated connection****further connection**

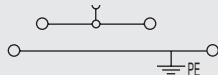
0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5

ZDK 4-2/N/L**4 mm²**

Double level terminals

**6.1 x 77.6 x 61****32 / 6****0.13 ... 6**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	A3 / V-0		

Rated connection**further connection**

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5

Type	Qty.	Order No.
ZDK 4-2/DU-PE	50	8671120000

Type	Qty.	Order No.
ZDK 4-2/N/L	50	1905170000

upper level printed blue

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
ZQV 4/20 GE	32	20	1909010000

width [mm]

ZAP/TW ZDK 4-2	2	50	8670760000
ZAP/TW ZDK 4-2 BL	2	50	8670620000

width [mm]

ZEW 35	6	20	9540000000
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ZTA 6/ZA	25	1780660000
----------	----	------------

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

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

DEK 6

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
ZQV 4/20 GE	32	20	1909010000

width [mm]

ZAP/TW ZDK 4-2	2	50	8670760000
ZAP/TW ZDK 4-2 BL	2	50	8670620000

width [mm]

ZEW 35	6	20	9540000000
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ZTA 6/ZA	25	1780660000
----------	----	------------

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

ZAD 1/4	20	1609110000
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DEK 6

Double/Multi level terminals

Roof-style

The compact terminal range for conductor cross-sections 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 x length x height with TS 35 x 7.5	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 to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

Ordering data

Version	
	green/yellow Wemid
Note	

Accessories

End plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Testing / Checking	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set" Standard
Reducing sleeves	
for conductors < 0.5 mm ² / < AWG 20	ZRH 1.5H/1
for conductors < 1.0 mm ² / < AWG 18	ZRH 1.5H/2
PEN jumper	
Inserted into TN-S distributor between N and PE terminals	
Marking systems	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

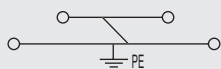
ZDK 2.5-2 PE

2.5 mm²

Four connections



5.1 x 72.5 x 56	
/ 4	
0.05 ... 4	



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 30... 12	AWG 30... 12	
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		



Rated connection	further connection
0.5...4	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

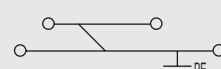
ZDK 4-2 PE

4 mm²

Four connections



6.1 x 77.6 x 61	
/ 6	
0.13 ... 6	



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	
800			
8			
	480 A (4 mm ²)		
	3		
	A3 / V-0		



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

ZPE 16-2/1AN

16 mm²

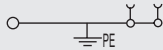
Supply terminal - PE



12 x 65 x 51.5

/ 25

1.5 ... 25



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14... 4	AWG 14... 4	
800			
8			
	1920 A (16 mm ²)		
	3		
	A7 / V-0		



Rated connection	further connection
1.5...10 / 16...25	
1.5...16 / 1.5...16	

18 / 1.0 x 5.5

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

Type	Qty.	Order No.
ZPE 16-2/1AN	20	1772960000

Type	width [mm]	Qty.	Order No.
ZAP/Z...16-2/1AN	2.5	10	1772970000

width [mm]		
ZEW 35	6	20
9540000000		

SD 1.0x5.5x150	1	9008350000
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DEK 8

The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

Modular disconnect terminals

Standard model and Roof-style

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid
without disconnecter, dark beige Wemid

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
Partition plate	dark beige Wemid

End bracket	
	dark beige

Screwdrivers	
	Standard

Test plug	
	Plug dia. 2.3 mm

Holder for cartridge fuse, 5 x 20mm	
	400 V ac/dc, without LED
	10-36 V ac/dc, red LED
	140-250V ac/dc, red LED

Module connector (max. 250 V)	
reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode

Disconnecting plug	
	yellow Wemid

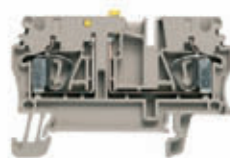
Labelling systems	
(see large assortment in catalogue 7)	Marking tags

For detailed information on other accessories and applications see "Accessories"

ZTR 2.5

2.5 mm²

Two connections



5.1 x 59.5 x 41.5
20 / 4
0.05 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	600	600	
20	20	20	
2.5	AWG 30... 12	AWG 30... 12	
		6 / 3	
		A3 / V-0	



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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZTR 2.5	100	1831280000
ZTR 2.5 BL	100	8731710000
ZTR 2.5/O.TNHE	100	1831130000

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 1	2
	50
	1608740000

width [mm]	
ZEW 35	6
	20
	9540000000

SD 0.6x3.5x100	1	9008330000
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PS 2.3 RT	20	0180400000
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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

BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000

TNST	50	1833090000
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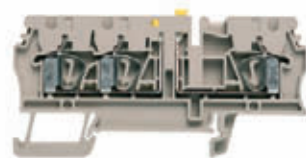
DEK 5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

ZTR 2.5/3AN

2.5 mm²

Three connections



5.1 x 79.5 x 41.5
20 / 4
0.05 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
500	600	600	
20	20	20	
2.5	AWG 30... 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	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZTR 2.5/3AN	100	8731720000
ZTR 2.5/3AN BL	100	8731730000
ZTR 2.5/3AN/O.TNHE	100	8728450000

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

width [mm]	
ZEW 35	6
	20
	9540000000

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

PS 2.3 RT	20	0180400000
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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

BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000

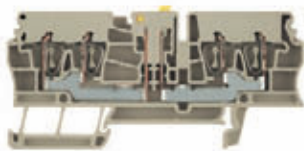
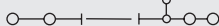
TNST	50	1833090000
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DEK 5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

ZTR 2.5/4AN**2.5 mm²**

Four connections

**5.1 x 82.5 x 39.1****16 / 2.5****0.05 ... 2.5**

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 30... 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 conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

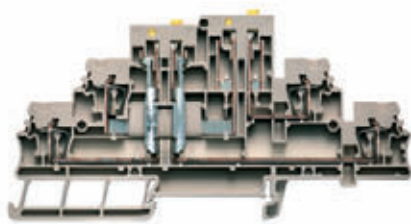
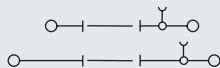
Type	Qty.	Order No.
ZTR 2.5/4AN	100	7920900000
ZTR 2.5/4AN BL	100	7920930000
ZTR 2.5/4AN/O.TNHE	100	7920950000

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
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT		20	0180400000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921560000
SIHA 3/G20/LD 140-250V		25	7921560000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5 / WS 10/5			

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

ZDTR 2.5**2.5 mm²**

Four connections

**5.1 x 117 x 63****16 / 4****0.05 ... 4**

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
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 conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT		20	0180400000
SIHA 2/G20		25	9537600000
SIHA 2/G20 10-36V		25	9537610000
SIHA 2/G20 140-250V		25	9537640000
DEK 5			

If the disconnection lever is replaced by the SIHA 2, this creates a fuse terminal.

Modular disconnect terminals

Standard model and Roof-style

ZDL 2.5/TR/DU

2.5 mm²

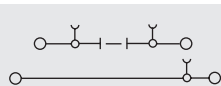
ZDL 2.5/TR/DU/PE

2.5 mm²

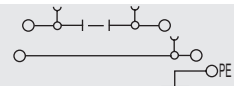
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

5.1 x 95 x 48.5
/ 4
0.13 ... 4



5.1 x 95 x 48.5
/ 4
0.13 ... 4



Technical data

Rated data	
Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Note	

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
2.5	AWG 26... 12	AWG 26... 12	
		4	
		A2 / V0	
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
8 / 0.6 x 3.5			
Note			
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
2.5	AWG 26... 12	AWG 26... 12	
		4	
		A2 / V0	
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
8 / 0.6 x 3.5			
Note			
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Ordering data

Version	
	dark beige Wemid
	blue Wemid
	without disconnecter, dark beige Wemid
Note	

Type	Qty.	Order No.
ZDL 2.5/TR/DU	50	1743190000

Type	Qty.	Order No.
ZDL 2.5/TR/DU/PE	50	1743180000

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
End plate	dark beige Wemid
Partition plate	dark beige Wemid
End bracket	
	dark beige
Screwdrivers	
	Standard
Test plug	
	Plug dia. 2.3 mm
Holder for cartridge fuse, 5 x 20mm	
	400 V ac/dc, without LED
	10-36 V ac/dc, red LED
	140-250V ac/dc, red LED
Module connector (max. 250 V)	
reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode
Disconnecting plug	
	yellow Wemid
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "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
width [mm]			
ZAP ZDL2.5	1.5	20	1720910000
width [mm]			
ZEW 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT		20	0180400000
SIHA 3/G20	25		7921560000
SIHA 3/G20/LD 10-36V	25		7921560000
SIHA 3/G20/LD 140-250V	25		7921560000
BEST	50		1833100000
BEST/DRBR	50		1878570000
BEST/D	50		1878560000
TNST	50		1833090000
DEK 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
width [mm]			
ZAP ZDL2.5	1.5	20	1720910000
width [mm]			
ZEW 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT		20	0180400000
SIHA 3/G20	25		7921560000
SIHA 3/G20/LD 10-36V	25		7921560000
SIHA 3/G20/LD 140-250V	25		7921560000
BEST	50		1833100000
BEST/DRBR	50		1878570000
BEST/D	50		1878560000
TNST	50		1833090000
DEK 5			

ZTR 2.5-2

2.5 mm²

Two connections



5.1 x 50.5 x 44

21 / 2.5

0.13 ... 2.5

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
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 conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

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/TW7	2.5	50	1706110000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921560000
SIHA 3/G20/LD 140-250V		25	7921560000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000

DEK 5 / WS 14/5

If the disconnection lever is replaced by the SIHA 2, this creates a fuse terminal.

Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage, adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version	
dark beige Wemid	400 V ac/dc, without LED
	10-36 V ac/dc, with LED
	30-70V ac/dc, with LED
	60-150 V ac/dc, with LED
	140-250V ac/dc, with LED
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate (after last terminal)	
	End plate, Wemid
	Partition plate, Wemid
Screwdrivers	
	Standard
Cartridge fuse, 5 x 20mm (IEC 60127-2)	
Rated voltage 250 V	0.25 A quick-blow
Rated breaking capacity 1500 A	0.5 A quick-blow
(at 250V / 50Hz / cos j = 0.7)	1 A quick-blow
	2 A quick-blow
G25 with indicator / imperial fuse	
G25 (DIN 41 576 / 250 V)	0.5 A medium time-lag / 2 A
Rated voltage 250 V	1 A medium time-lag / 3 A
Imperial fuse, 1/4 x 1 1/4	2 A quick-blow / 5 A
Rated voltage 440 V	4 A quick-blow / 10 A
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZSI 2.5

2.5 mm²

For metric fuses 5 x 20



7.9 x 79.5 x 74
6.3 / 4
0.13 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
500	600	600	
6.3	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	

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

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 holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

ZSI 2.5/5x25

2.5 mm²

For metric fuses 5 x 25



7.9 x 79.5 x 74
6.3 / 4
0.13 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
500	600	600	
6.3	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	

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Qty.	Order No.
ZSI 2.5/5x25	50	1730900000

For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

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

SD 0.6x3.5x100	1	9008330000
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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

End plate for fuse lever: ZAP TNHE/ZSI: 1610840000

ZSI 2.5/2**2.5 mm²**

For imperial fuses

**7.9 x 79.5 x 74****12 / 4****0.13 ... 4**

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
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

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

ZDL 2.5/SI/DU**2.5 mm²**

For metric fuses 5 x 20

**5.1 x 95 x 98****6.3 / 4****0.13 ... 4**

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
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

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

ZDL 2.5/SI/DU/PE**2.5 mm²**

For metric fuses 5 x 20

**5.1 x 95 x 98****6.3 / 4****0.13 ... 4**

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
400			
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

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

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 holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

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 holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

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 LD 150V	25	1763210000
ZDL 2.5/SI/DU/PE LD 250V	25	1763220000

For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

Type	Current [A]	Qty.	Order No.
ZQS 2.5/2		20	1633200000
ZQS 2.5/3	10 A	20	1633210000
ZQS 2.5/4	10 A	20	1633220000

width [mm]

SD 0.6x3.5x100 1 9008330000

GZ 10.0A 10 0293900000

DEK 5 / WS 10/5

Status indication via bidirectional LED. Use imperial cartridge fuses.

Type	Current [A]	Qty.	Order No.

width [mm]

ZAP ZDL2.5 1.5 20 1720910000

SD 0.6x3.5x100 1 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. It is not possible to use cross-connections on the upper level.

Type	Current [A]	Qty.	Order No.

width [mm]

ZAP ZDL2.5 1.5 20 1720910000

SD 0.6x3.5x100 1 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. It is not possible to use cross-connections on the upper level.

Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage, adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version		
dark beige Wemid	400 V ac/dc, without LED	
	10-36 V ac/dc, with LED	
	30-70V ac/dc, with LED	
	60-150 V ac/dc, with LED	
	140-250V ac/dc, with LED	

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate (after last terminal)	
	End plate, Wemid
	Partition plate, Wemid

Screwdrivers	
	Standard

Cartridge fuse, 5 x 20mm (IEC 60127-2)		
Rated voltage 250 V	0.25 A quick-blow	
Rated breaking capacity 1500 A	0.5 A quick-blow	
(at 250V / 50Hz / cos j = 0.7)	1 A quick-blow	
	2 A quick-blow	

G25 with indicator / imperial fuse		
G25 (DIN 41 576 / 250 V)	0.5 A medium time-lag / 2 A	
Rated voltage 250 V	1 A medium time-lag / 3 A	
Imperial fuse, 1/4 x 1 1/4	2 A quick-blow / 5 A	
Rated voltage 440 V	4 A quick-blow / 10 A	

Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications see "Accessories"

ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 20 / 5 x 25



12.2 x 65 x 55	
10 / 4	
0.18 ... 4	

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
500	300	300	
10	10	10	
2.5	AWG 26... 12	AWG 26... 12	
	4 / 3		
	A3 / V-0		



Rated 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	10 / 0.6 x 3.5

The rated voltage of the fuse may not be exceeded; to UL & CSA 600 V / 5 A

Type	Qty.	Order No.
ZSI 2.5-2/2X2AN/G20	20	1826050000
ZSI 2.5-2/2X2AN/G20/LD1	20	1867440000
ZSI 2.5-2/2X2AN/G20/LD2	20	1867430000
ZSI 2.5-2/2X2AN/G20/LD3	20	1867420000
ZSI 2.5-2/2X2AN/G20/LD4	20	1879730000

G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25
G25 LED types on request

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

width [mm]	
ZAP ZDU6-2 SW	2.5 50

SD 0.6x3.5x100	1	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

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 neon lamp.

ZSI 6-2

6 mm²

For metric fuses 5 x 20 / 5 x 25



12.2 x 65 x 55	
10 / 4	
0.13 ... 4	

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 60079-7
500	300	300	
10	10	10	
6	AWG 26... 8	AWG 26... 8	
	4 / 3		
	A3 / V-0		



Rated connection	
0.5...4	0.5...10
0.5...4 / 0.5...2.5	0.5...10 / 0.5...6
10 / 0.6 x 3.5	10 / 0.6 x 3.5

The rated voltage of the fuse may not be exceeded; to UL 600 V / 5 A A 3 clamping point AWG 26-12, A 5 clamping point AWG 20-8

Type	Qty.	Order No.
ZSI 6-2 2X2.5/G20	20	1820930000
ZSI 6-2 2X2.5/G20/LD1	20	1867500000
ZSI 6-2 2X2.5/G20/LD2	20	1867490000
ZSI 6-2 2X2.5/G20/LD3	20	1867480000
ZSI 6-2 2X2.5/G20/LD4	20	1879750000

G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000

width [mm]	
ZAP ZDU6-2 SW	2.5 50

SD 0.8x4.0x100	1	9008340000
----------------	---	------------

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 neon lamp.

ZSI 6-2/FC

6 mm²

For car fuses



8.1 x 70 x 54.5

30 / 10

0.33 ... 10

IEC 60947-7-3 / DIN 72581-3			
IEC	UL	CSA	EN 60079-7
250	300	300	
30	30	25	
6	AWG 22... 10	AWG 22... 10	
6 / 3			
A5 / V-0			
			
Rated connection			
0.5...10			
0.5...10 / 0.5...6			
10 / 4.0 x 0.8			

If large conductor cross-sections are used, the thermal power loss of the fuses is better dissipated.

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 the cartridge fuse holder the rated voltage is 250 V, and the rated impulse withstand voltage 4 kV.

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 ZDU6-2 SW	2.5	50	1814710000
SD 0.8x4.0x100		1	9008340000

DEK 6 / WS 12/6

Status indication via bidirectional LED. Use Pudenz fuses. For ordering data for cartridge fuses, see page D.141.

Installation terminals

N-cross-connections with busbar system
10 x 3 mm.

ZDU 2.5 S**2.5 mm²**

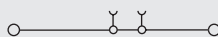
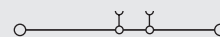
Two connections

**ZDU 4 S****4 mm²**

Two connections



width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

5.1 x 61 x 44**24 / 4****0.13 ... 4****6.1 x 64.2 x 45.2****32 / 6****0.5 ... 6**

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
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

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
32			
4			
	6 / 3		
	A3 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5

Note

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version	
	dark beige Wernid
	blue Wernid
Note	

Type	Qty.	Order No.
ZDU 2.5 S	100	1808010000
ZDU 2.5 S BL	100	1808020000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZDU 4 S	100	1808360000
ZDU 4 S BL	100	1808370000
Spacing between mounting plates should be 200mm.		

Accessories

Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wernid
	blue Wernid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wernid
	for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F)
	top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ²
	rigid / flexible 6 - 16 / 4mm ²
	flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

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 2.5/20	24	20	1908960000
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 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
width [mm]			
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
ZQV 4/20 GE	32	20	1909010000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
DEK 5 / WS 10/6			

16 mm²

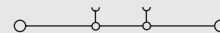
Two connections



12 x 95 x 48.5

76 / 25

1.5 ... 25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
76	65	65	
16	AWG 14... 4	AWG 14... 4	
6 / 3			
A7 / V-0			

Rated connection

1.5...16 / 16...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 16S	25	1739580000
ZDU 16S BL	25	1739590000
Spacing between mounting plates should be 200mm.		

[illegible]

width [mm]			
ZEW 35	6	20	9540000000

SD 1.0x5.5x150	1	9008350000
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width [mm]

DEK 5

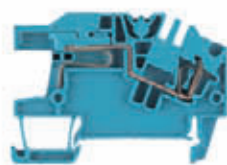
Installation terminals

N-cross-connections with busbar system
10 x 3 mm.

ZNT 2.5 S

2.5 mm²

Two connections



width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

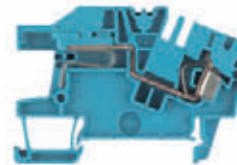
5.1 x 61 x 44
24 / 4
0.13 ... 4



ZNT 4 S

4 mm²

Two connections



6.1 x 64.2 x 45.2
32 / 6
0.5 ... 6



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

VDE 0611-5

IEC	UL	CSA	EN 60079-7
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			

VDE 0611-5

IEC	UL	CSA	EN 60079-7
250			
32			
4			
	4 / 3		
	A3 / V-0		
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5			

Note

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version
dark beige Wemid
blue Wemid
Note

Type	Qty.	Order No.
ZNT 2.5 S	100	1808300000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZNT 4 S	100	1808310000
Spacing between mounting plates should be 200mm.		

Accessories

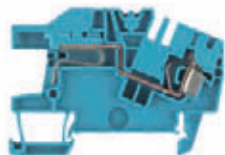
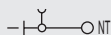
Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wemid for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F)
	top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ²
	rigid / flexible 6 - 16 / 4mm ²
	flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

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 2.5/20	24	20	1908960000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
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
ZQV 4/20 GE	32	20	1909010000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 6 / WS 10/6			

ZNT 6 S**6 mm²**

Two connections

**8.1 x 64.2 x 49.2****41 / 10****0.5 ... 10**

VDE 0611-5

IEC	UL	CSA	EN 60079-7
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 supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 6 S	100	1808320000
Spacing between mounting plates should be 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
ZQV 6/24 GE	41	10	1908990000
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 35	6	20	9540000000
width [mm]			
SD 0.8x4.0x100		1	9008340000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	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 60079-7
400	600	600	
57	60	55	
10	AWG 16... 6	AWG 16... 6	
	6 / 3		
	A6 / V-0		

**Rated connection**

1.5...16 / 1.5...16

1.5...10 / 1.5...10

18 / 1.0 x 5.5

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 10S	25	1739560000
Spacing between mounting plates should be 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 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000

DEK 5

Installation terminals

N-cross-connections with busbar system
10 x 3 mm.

ZNT 16/S

16 mm²

Two connections



width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

12 x 95 x 50

76 / 25

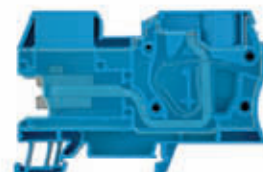
1.5 ... 25



ZNT 35

35 mm²

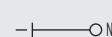
Two connections



16 x 100.5 x 59

125 / 35

2.5 ... 35



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

VDE 0611-5

IEC	UL	CSA	EN 60079-7
400	600	600	
76	65	65	
16	AWG 14... 4	AWG 14... 4	
	6 / 3		
	A7 / V-0		
Rated connection			
1.5...16 / 16...25			
1.5...16 / 1.5...16			
18 / 1.0 x 5.5			

VDE 0611-5

IEC	UL	CSA	EN 60079-7
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 / 1.0 x 5.5			

Note

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version
dark beige Wemid
blue Wemid
Note

Type	Qty.	Order No.
ZNT 16S	25	1739600000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZNT 35	10	1739640000
Spacing between mounting plates should be 200mm.		

Accessories

Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wemid
	for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F)
	top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ²
	rigid / flexible 6 - 16 / 4mm ²
	flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

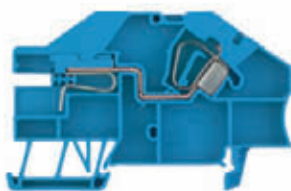
Type	Current [A]	Qty.	Order No.
ZQV 16/2	76	25	1739690000
width [mm]			
ZAP ZDU10/16S	2	20	1739660000
width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000
width [mm]			
ZEW 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35/M6X16	20		0266500000
width [mm]			
DEK 5			

Type	Current [A]	Qty.	Order No.
width [mm]			
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000
width [mm]			
ZEW 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			
End plate is integrated.			

ZDU 4 NT

4 mm²

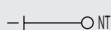
Modified busbar position



6.1 x 76.3 x 49.5

32 / 6

0.5 ... 6



VDE 0611-5

IEC	UL	CSA	EN 60079-7
250	300	300	
32	10	10	
4	AWG 26... 10	AWG 26... 10	
4 / 3			
A4 / V-0			



Rated connection

0.5...6

$$0.5...4 / 0.5...4$$
$$12 / 0.6 \times 3.5$$

The supply to the busbar is 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 their PE variants.

Type	Current [A]	Qty.	Order No.
width [mm]			
ZAP ZDU4/NT	1.5	20	1757970000
width [mm]			
HYP ZDU4/NT SO	5	20	1803890000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
SCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL		50	0475380000
ZB 16K BL		50	0502880000
ZB 35K BL M6X16		20	0502680000

DEK 5 / WS 15/5

ZDU 10 NT

10 mm²

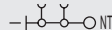
Modified busbar position



10 x 86.5 x 50

57 / 16

1.5 ... 16



VDE 0611-5

IEC	UL	CSA	EN 60079-7
250			
57			
10	AWG 16... 6	AWG 16... 6	
	4 / 3		
	A6 / V-0		



Rated connection

1.5...10 / 1.5...16

$$1.5 \dots 10 / 1.5 \dots 10$$

18 / 1.0 x 5.5

The supply to the busbar is 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 their PE variants.

[illegible]

DEK 5 / WS 12/5

Installation terminals

N-cross-connections with busbar system
10 x 3 mm.

ZPE 2.5 S

2.5 mm²

ZPE 4 S

4 mm²

Two connections



Two connections

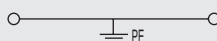


width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

5.1 x 61 x 44

/ 4

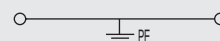
0.13 ... 4



6.1 x 64.2 x 45.2

/ 6

0.5 ... 6



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with wire end ferrule	mm²
Stripping length / Blade size	mm / -

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
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			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
400			
4			
	6 / 3		
	A3 / V-0		
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5			

Note

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Type	Qty.	Order No.
ZPE 2.5 S	100	1808330000

Spacing between mounting plates should be 200mm.

Type	Qty.	Order No.
ZPE 4 S	100	1808340000
Spacing between mounting plates should be 200mm.		

Accessories

Cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / Partition plate	dark beige Wemid blue Wemid
Mounting plate for 10 x 3 (required every 200 mm)	blue Wemid for vertical installation position
	
End bracket	dark beige
Screwdrivers	with cutting device "swiftly set" Standard
Busbar 10 x 3 (140A)	(further types in chapter F) top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	rigid / flexible 0.5 - 6 / 4mm² rigid / flexible 6 - 16 / 4mm² flexible 16 - 35mm²
Marking systems	(see large assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications see "Accessories"	

[illegible][illegible]

16 mm²

Two connections



A circuit diagram of a transmission line. It consists of a horizontal line with four circular nodes. The second and third nodes from the left are connected to a vertical line that branches into two parallel branches, each containing a capacitor symbol. The fourth node from the left is connected to a ground symbol (three horizontal lines of decreasing width) labeled 'PF'.

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
400			
16	AWG 14... 4	AWG 14... 4	
	6 / 3		
	A7 / V-0		

Rated connection

18 / 1.0 x 5.5

To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16S	25	1739610000
Spacing between mounting plates should be 200mm.		

[illegible]

Installation terminals

N-cross-connections with busbar system
10 x 3 mm.

ZDL 2.5/S/NT/L/PE

2.5 mm²

Neutral conductor disconnection - phase - PE



ZDL 2.5/S/L/L

2.5 mm²

Phase - phase

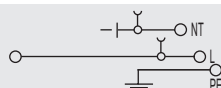


width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

5.1 x 95 x 48.5

24 / 4

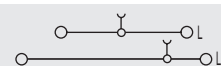
0.13 ... 4



5.1 x 95 x 48.5

24 / 4

0.13 ... 4



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 60079-7
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 60079-7
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

Note

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version
dark beige Wemid
blue Wemid
Note

Type	Qty.	Order No.
ZDL 2.5S/NT/L/PE	50	1720750000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZDL 2.5 S/L/L	50	1720760000
Spacing between mounting plates should be 200mm.		

Accessories

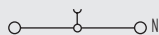
Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wemid for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F)
	top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ²
	rigid / flexible 6 - 16 / 4mm ²
	flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "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/20 GE	24	20	1909000000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			
The supply to the busbar is 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/20 GE	24	20	1909000000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

ZDL 2.5/S/N**2.5 mm²**

Neutral conductor

**5.1 x 95 x 48.5****24 / 4****0.13 ... 4**

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
24	10	10	
2.5	AWG 26... 12	AWG 26... 12	
6 / 3			
A2 / V-0			

**Rated connection**

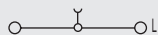
0.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.**ZDL 2.5/S/L****2.5 mm²**

Phase

**5.1 x 95 x 48.5****24 / 4****0.13 ... 4**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	10	10	
2.5	AWG 26... 12	AWG 26... 12	
6 / 3			
A2 / V-0			

**Rated connection**

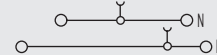
0.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.**ZDL 2.5/S/N/L****2.5 mm²**

Neutral conductor - phase

**5.1 x 95 x 48.5****24 / 4****0.13 ... 4**

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

D

Type	Qty.	Order No.
ZDL 2.5 S/N	50	1720770000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZDL 2.5 S/L	50	1720780000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZDL 2.5 S/N/L	50	1720790000
Spacing between mounting plates should be 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/20 GE	24	20	1909000000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			
The supply to the busbar is 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/20 GE	24	20	1909000000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			
The supply to the busbar is 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/20 GE	24	20	1909000000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

Installation terminals

N-cross-connections with busbar system
10 x 3 mm.

ZDL 2.5/S/N/L/PE

2.5 mm²

Neutral conductor - phase - PE



ZDL 2.5/S/L/L/PE

2.5 mm²

Phase - phase - PE

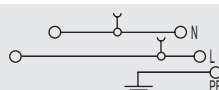


width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

5.1 x 95 x 48.5

24 / 4

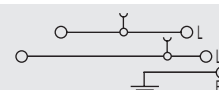
0.13 ... 4



5.1 x 95 x 48.5

24 / 4

0.13 ... 4



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 60079-7
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 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 60079-7
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

Note

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Type	Qty.	Order No.
ZDL 2.5 S/N/L/PE	50	1720800000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZDL 2.5 S/L/L/PE	50	1720810000
Spacing between mounting plates should be 200mm.		

Accessories

Cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / Partition plate	
	dark beige Wemid blue Wemid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wemid for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set" Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F) top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ² rigid / flexible 6 - 16 / 4mm ² flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications see "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/20 GE	24	20	1909000000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL		50	0475380000
ZB 16K BL		50	0502880000
ZB 35K BL M6X16		20	0502680000
width [mm]			
DEK 5			
The supply to the busbar is 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/20 GE	24	20	1909000000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL		50	0475380000
ZB 16K BL		50	0502880000
ZB 35K BL M6X16		20	0502680000
width [mm]			
DEK 5			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

Electrical distribution with plug-in 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 x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
	DEK 5
For detailed information on other accessories and applications see "Accessories"	

ZDL 2.5/NT/L/PE

2.5 mm²

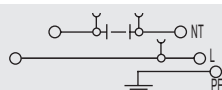
Neutral conductor disconnection - phase - PE



5.1 x 95 x 48.5

20 / 4

0.13 ... 4



IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
2.5	AWG 26... 12	AWG 26... 12	
		4 / 3	
		A2 / V-0	



Rated connection	further connection
0.5...4	
0.5...4 / 0.5...2.5	
8 / 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDL 2.5/L/L

2.5 mm²

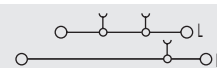
Phase - phase



5.1 x 95 x 48.5

24 / 4

0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	10	10	
2.5	AWG 26... 12	AWG 26... 12	
		6 / 3	
		A2 / V-0	



Rated connection	further connection
0.5...4	
0.5...4 / 0.5...2.5	
8 / 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Installation terminals

Electrical distribution with plug-in 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 x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDL 2.5/N

2.5 mm²

Neutral conductor



5.1 x 95 x 48.5
 24 / 4
 0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	10	10	
2.5	AWG 26... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		



Rated connection	further connection
0.5...4	
0.5...4 / 0.5...2.5	
8 / 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDL 2.5/L

2.5 mm²

Phase



5.1 x 95 x 48.5
 24 / 4
 0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	10	10	
2.5	AWG 26... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		



Rated connection	further connection
0.5...4	
0.5...4 / 0.5...2.5	
8 / 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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/20 GE	24	20	1909000000

width [mm]	
ZAP ZDL2.5	1.5 20 1720910000

width [mm]	
ZEW 35	6 20 9540000000

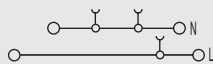
SD 0.6x3.5x100	
	1 9008330000

SD 0.6x3.5x100	
	1 9008330000

DEK 5	
	DEK 5

ZDL 2.5/N/L**2.5 mm²**

Neutral conductor - phase

**5.1 x 95 x 48.5****24 / 4****0.13 ... 4**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	10	10	
2.5	AWG 26... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		

**Rated connection** **further connection**

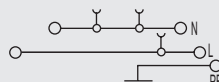
0.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.**ZDL 2.5/N/L/PE****2.5 mm²**

Neutral conductor - phase - PE

**5.1 x 95 x 48.5****24 / 4****0.13 ... 4**

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

IEC	UL	CSA	EN 60079-7
400	300	300	
24	10	10	
2.5	AWG 26... 12	AWG 26... 12	
	4 / 3		
	A2 / V-0		

**Rated connection** **further connection**

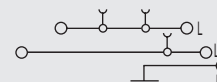
0.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.**ZDL 2.5/L/L/PE****2.5 mm²**

Phase - phase - PE

**5.1 x 95 x 48.5****24 / 4****0.13 ... 4**

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

IEC	UL	CSA	EN 60079-7
400	300	300	
24	10	10	
2.5	AWG 26... 12	AWG 26... 12	
	4 / 3		
	A2 / V-0		

**Rated connection** **further connection**

0.5...4

0.5...4 / 0.5...2.5

8 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDL 2.5/N/L	50	1720860000

Type	Qty.	Order No.
ZDL 2.5/N/L/PE	50	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/20 GE	24	20	1909000000

width [mm]		
ZAP ZDL2.5	1.5	20
1720910000		

width [mm]		
ZEW 35	6	20
9540000000		

SD 0.6x3.5x100	Qty.	Order No.
	1	9008330000

DEK 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/20 GE	24	20	1909000000

width [mm]		
ZAP ZDL2.5	1.5	20
1720910000		

width [mm]		
ZEW 35	6	20
9540000000		

SD 0.6x3.5x100	Qty.	Order No.
	1	9008330000

DEK 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/20 GE	24	20	1909000000

width [mm]		
ZAP ZDL2.5	1.5	20
1720910000		

width [mm]		
ZEW 35	6	20
9540000000		

SD 0.6x3.5x100	Qty.	Order No.
	1	9008330000

DEK 5

Installation terminals

N-cross-connections with busbar system
10 x 3 mm.

ZDK 4/S/L/L

4 mm²

Phase - phase



ZDK 4/ S/N/L

4 mm²

Neutral conductor - phase

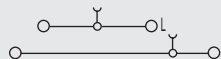


width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

6.1 x 122 x 50.5

32 / 6

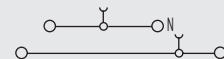
0.13 ... 6



6.1 x 122 x 50.5

32 / 6

0.13 ... 6



Technical data

Rated data

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

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
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

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
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

Note

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version

dark beige Wemid
blue Wemid

Note

Type	Qty.	Order No.
ZDK 4S/L/L	50	1733290000

Spacing between mounting plates should be 200mm.

Type	Qty.	Order No.
ZDK 4S/N/L	50	1733460000

Spacing between mounting plates should be 200mm.

Accessories

Cross-connection

	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

End plate / Partition plate

dark beige Wemid
blue Wemid

Mounting plate for 10 x 3 (required every 200 mm)

blue Wemid
for vertical installation position

End bracket

dark beige

Screwdrivers

with cutting device "swifty set"
Standard

Busbar 10 x 3 (140A)

(further types in chapter F)

top of busbar to top of TS 35 = 25.5 mm

Tension clamp for supplying 10 x 3 busbars

rigid / flexible 0.5 - 6 / 4mm²
rigid / flexible 6 - 16 / 4mm²
flexible 16 - 35mm²

Marking systems (see large assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications see "Accessories"

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
ZQV 4/20 GE	32	20	1909010000

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 35	6	20	9540000000
--------	---	----	------------

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

SSCH 10X3X1000 CU/SN	1	0348900000
----------------------	---	------------

width [mm]

ZB 4K BL	50	0475380000
ZB 16K BL	50	0502880000
ZB 35K BL M6X16	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
ZQV 4/20 GE	32	20	1909010000

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 35	6	20	9540000000
--------	---	----	------------

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

SSCH 10X3X1000 CU/SN	1	0348900000
----------------------	---	------------

width [mm]

ZB 4K BL	50	0475380000
ZB 16K BL	50	0502880000
ZB 35K BL M6X16	20	0502680000

DEK 5

ZDK 4/S/NT**4 mm²**

Neutral conductor disconnection

**6.1 x 122 x 50.5****32 / 6****0.13 ... 6**

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
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

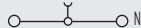
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 4S/NT	50	1733280000
Spacing between mounting plates should be 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
ZQV 4/20 GE	32	20	1909010000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			

ZDK 4/S/N**4 mm²**

Neutral conductor

**6.1 x 122 x 50.5****32 / 6****0.13 ... 6**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
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

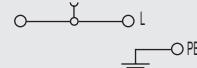
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 4S/N	50	1733450000
Spacing between mounting plates should be 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
ZQV 4/20 GE	32	20	1909010000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			

ZDK 4/S/L/PE**4 mm²**

Phase - PE conductor

**6.1 x 122 x 50.5****32 / 6****0.13 ... 6**

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

IEC	UL	CSA	EN 60079-7
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 supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 4S/L/PE	50	1733300000
Spacing between mounting plates should be 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
ZQV 4/20 GE	32	20	1909010000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			

Installation terminals

N-cross-connections with busbar system
10 x 3 mm.

ZDK 4/S/N/PE

4 mm²

Neutral conductor - PE



ZDK 6/S/L/L

6 mm²

Phase - phase

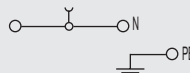


width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

6.1 x 122 x 50.5

32 / 6

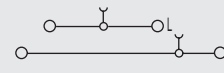
0.13 ... 6



8.1 x 124 x 50.5

41 / 10

0.33 ... 10



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

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

IEC	UL	CSA	EN 60079-7
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			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
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 / 1.0 x 5.5			

Note

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version
dark beige Wernid
blue Wernid
Note

Type	Qty.	Order No.
ZDK 4S/N/PE	50	1733470000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZDK 6S/L/L	25	1733260000
Spacing between mounting plates should be 200mm.		

Accessories

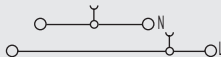
Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wernid
	blue Wernid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wernid for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F)
	top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ²
	rigid / flexible 6 - 16 / 4mm ²
	flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

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
ZQV 4/20 GE	32	20	1909010000
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 35	6	20	9540000000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 5			

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 6/24 GE	41	10	1908990000
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 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 8			

ZDK 6/S/N/L**6 mm²**

Neutral conductor - phase

**8 x 124 x 50.5****41 / 10****0.21 ... 10**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300		
41	38		
6	AWG 22...8		
	6 / 3		
	A5 / V-0		

Rated connection

0.5...6

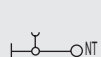
0.5...6 / 0.5...6

12 / 1.0 x 5.5

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

ZDK 6/S/NT**6 mm²**

Neutral conductor disconnection

**8.1 x 124 x 50.5****41 / 10****0.33 ... 10**

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 / 3		
	A5 / V-0		

Rated connection

0.5...10

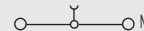
0.5...6 / 0.5...6

12 / 1.0 x 5.5

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

ZDK 6/S/N**6 mm²**

Neutral conductor

**8.1 x 124 x 50.5****41 / 10****0.33 ... 10**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
41			
6			
	6 / 3		
	A5 / V-0		

Rated connection

0.5...10

0.5...6 / 0.5...6

12 / 1.0 x 5.5

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDK 6S/N/L	25	1733490000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZDK 6S/NT	25	1733250000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZDK 6S/N	25	1733480000
Spacing between mounting plates should be 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
ZQV 6/24 GE	41	10	1908990000
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 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 8			

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 6/24 GE	41	10	1908990000
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 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 8			

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 6/24 GE	41	10	1908990000
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 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000
width [mm]			
DEK 8			

Installation terminals

N-cross-connections with busbar system
10 x 3 mm.

ZDK 6/S/L/PE

6 mm²

Phase - PE conductor



ZDK 6/S/N/PE

6 mm²

Neutral conductor - phase

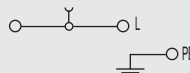


width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

8.1 x 124 x 50.5

41 / 10

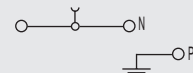
0.33 ... 10



8.1 x 124 x 50.5

41 / 10

0.21 ... 10



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

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

IEC	UL	CSA	EN 60079-7
400			
41			
6			
	6 / 3		
	A5 / V-0		

Rated connection

0.5...10

0.5...6 / 0.5...6

12 / 1.0 x 5.5

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

IEC	UL	CSA	EN 60079-7
400			
41			
6			
	6 / 3		
	A5 / V-0		

Rated connection

0.5...10

0.5...6 / 0.5...6

12 / 1.0 x 5.5

Note

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version
dark beige Wernid
blue Wernid
Note

Type	Qty.	Order No.
ZDK 6S/L/PE	25	1733270000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZDK 6S/N/PE	25	1733500000
Spacing between mounting plates should be 200mm.		

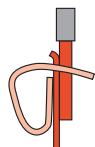
Accessories

Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wernid
	blue Wernid
Mounting plate for 10 x 3 (required every 200 mm)	
	blue Wernid
	for vertical installation position
End bracket	
	dark beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Busbar 10 x 3 (140A)	
	(further types in chapter F)
	top of busbar to top of TS 35 = 25.5 mm
Tension clamp for supplying 10 x 3 busbars	
	rigid / flexible 0.5 - 6 / 4mm ²
	rigid / flexible 6 - 16 / 4mm ²
	flexible 16 - 35mm ²
Marking systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

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 6/24 GE	41	10	1908990000
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 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL		50	0475380000
ZB 16K BL		50	0502880000
ZB 35K BL M6X16		20	0502680000
width [mm]			
DEK 8			

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 6/24 GE	41	10	1908990000
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 35	6	20	9540000000
width [mm]			
SD 1.0x5.5x150		1	9008350000
width [mm]			
SSCH 10X3X1000 CU/SN		1	0348900000
width [mm]			
ZB 4K BL		50	0475380000
ZB 16K BL		50	0502880000
ZB 35K BL M6X16		20	0502680000
width [mm]			
DEK 8			

WeiCoS



Pluggable terminals with tension clamp

The need was clearly defined: a means of rapidly and correctly connecting prefabricated functional units – such as lamps and door controls, roll back looms and control cabinets – to the existing installation. The solution: Weidmüller's pluggable terminal system.

D The basic principle is beautifully simple:

One DIN terminal rail 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, 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 re-assembled.

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 or on-site re-assembly, of functional units.

Rational installation of modular components

Modular components 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 for these applications.

Product overview

Rated cross-section	2.5 mm ²	4 mm ²
Feed-through terminals		
1 tension clamp connection / 1 pluggable connection	•	•
2 tension clamp connections / 1 pluggable connection	•	
2 tension clamp connections / 2 pluggable connections	•	•
4 pluggable connections	•	
Protective earth terminals		
1 tension clamp connection / 1 pluggable connection	•	•
2 tension clamp connections / 1 pluggable connection	•	
2 tension clamp connections / 2 pluggable connections	•	•
4 pluggable connections	•	
Double level terminals		
Feed-through	•	
Feed-through / protective earth	•	
Protective earth	•	
Disconnect terminals		
2 tension clamp connections / 2 pluggable connections	•	
Plug-in connector		
1 tension clamp connection without cross-connection channel	•	•
1 tension clamp connection with cross-connection channel	•	
2 tension clamp connections with cross-connection channel	•	

1 The tension clamp connection

The terminal has a tension clamp connector providing galvanic isolation.

- Steel tension clamp provides optimum contact forces
- Copper busbars for minimum through resistance



2 Pluggable cross-connection

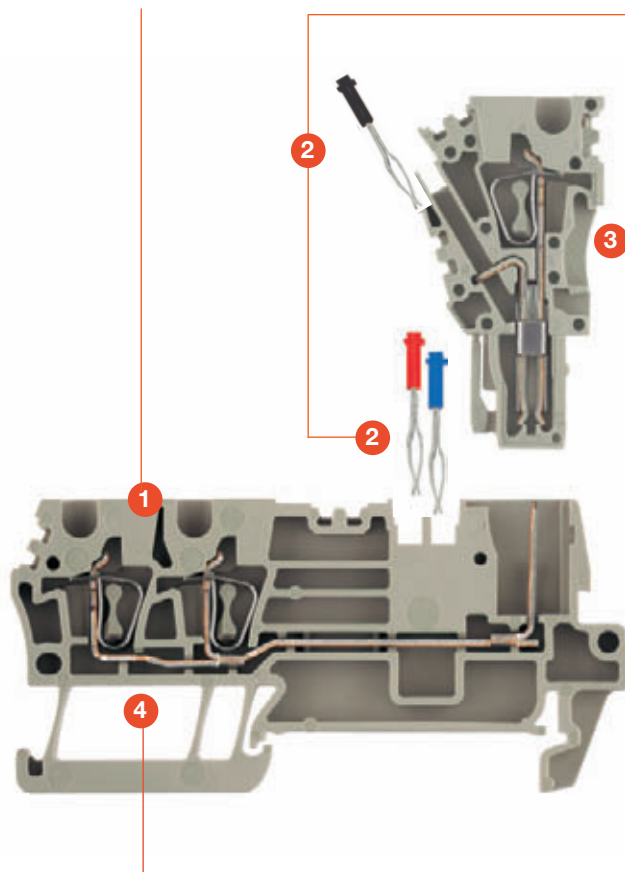
- 2- to 10-pole or "continuous" for individual assembly
- Full rated current
- Breakout poles for alternate terminals
- Up to three potentials possible



3 The pluggable connection

The tensioned steel contact is also in accordance with Weidmüller's principle of separating electrical and mechanical functions for galvanic isolation.

- Maintenance-free connection
- 100% vibration proof
- High contact forces



Wemid insulation

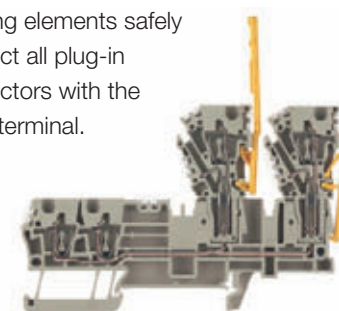
- Resistant to creepage CTI 600
- Temperature resistant up to 120°C
- Flammability class V0 to UL94
- Halogen and phosphorous free

Safe contacts

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

Safe locking

Locking elements safely connect all plug-in connectors with the basic terminal.



4 Easy to use

Practical connection with parallel conductor inset and screwdriver actuation:

- No special tools needed
- Integral test point
- Generous clamping range to IEC 601984



Supply

Supply comes from standard Z-Series terminals or a supply terminal e.g. ZEI 16.



Pluggable standard terminals WeiCoS

Feed-through terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm².

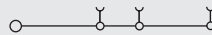
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm²
max. clamping range	mm²

ZT 2.5/2AN/1

2.5 mm²

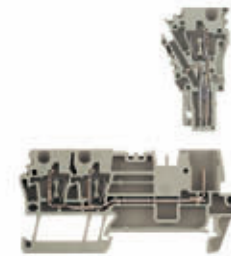
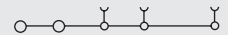
1 tension clamp conn. / 1 push-on conn.


5.1 x 58 x 35
24 / 4
0.13 ... 4


ZT 2.5/3AN/1

2.5 mm²

2 tension clamp conn. / 1 push-on conn.


5.1 x 71.5 x 35
24 / 4
0.13 ... 4


Technical data

Rated data	
Rated voltage	V
max. voltage of clamp support & pluggable system	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -
Note	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26... 12	AWG 26... 12	
6 / 3			
A2 / V-0			
Rated connection		pluggable 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			

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26... 12	AWG 26... 12	
6 / 3			
A2 / V-0			
Rated connection		pluggable 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			

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

Ordering data

Base terminal	
	dark beige Wemid
pluggable connector	
	For detailed information on all variations see "Accessories"
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
8-pole	
10-pole	
Note	

Type	Qty.	Order No.
ZT 2.5/2AN/1	50	1815070000
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	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

Accessories

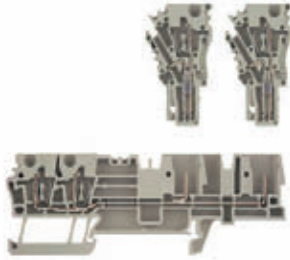
Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-pole
End plate	
	dark beige Wemid
	orange Wemid
Test adapter	
	Standard
	with spigot
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdrivers	
	with cutting device "swifty set"
	Standard
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "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/20 GE	24	20	1909000000
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		1	9008330000
DEK 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/20 GE	24	20	1909000000
width [mm]			
ZAP/TW ZT2.5/3AN	2.5	50	1816050000
ZAP/TW ZT2.5/3AN OR	2.5	50	1816060000
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		1	9008330000
DEK 5 / WS 10/5			

ZT 2.5/4AN/2**2.5 mm²**

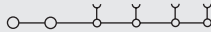
2 tension clamp conn. / 2 push-on conn.



5.1 x 93 x 35

24 / 4

0.13 ... 4



IEC 60947-7-1 / IEC 61984

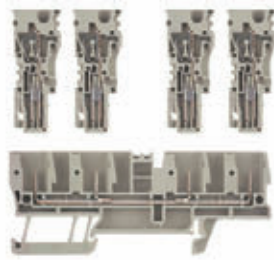
IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		



Rated connection	pluggable 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	

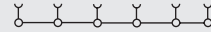
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A**ZT 2.5/4AN/4****2.5 mm²**

4 push-on connections



5.1 x 85.5 x 35

24



IEC 60947-7-1 / IEC 61984

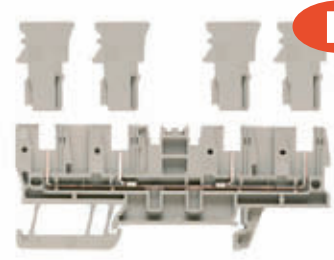
IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26... 12	AWG 26... 12	
	6 / 3		
	/ V-0		



Rated connection	pluggable connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
/ 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A**ZTC 2.5/4AN/4****2.5 mm²**

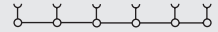
4 push-on connections



5.1 x 85.5 x 45.4

/ 2.5

0.22 ... 2.5



IEC	UL	CSA	EN 60079-7
250			
24			
2.5			
	4 / 2		

Rated connection	pluggable connection
0.22...2.5	

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/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/8	20	1815540000
ZP 2.5/1AN/10	20	1815560000

Type	Qty.	Order No.
ZTC 2.5/4AN/4	50	1898450000
STGH ZPC2.5 DB	50	2321640000

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/20 GE	24	20	1909000000
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	25	1827080000
ZTA ZT2.5/ZA	25	25	1847600000
ZVR ZP2.5	25	25	1816130000
KOSF ZT2.5	50	50	1816150000
ZZE ZP2.5	25	25	1816140000
SD 0.6x3.5x100		1	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/20 GE	24	20	1909000000
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	25	1827080000
ZTA ZT2.5/ZA	25	25	1847600000
ZVR ZP2.5	25	25	1816130000
KOSF ZT2.5	50	50	1816150000
ZZE ZP2.5	25	25	1816140000
SD 0.6x3.5x100		1	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/20 GE	24	20	1909000000
width [mm]			
ZAP/TW ZT2.5/4AN/4	2.5	50	1816090000
ZAP/TW ZT2.5/4AN/4 OR	2.5	50	1816100000
DEK 5 / WS 10/5			

Pluggable standard terminals WeiCoS

Feed-through terminals

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 x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
max. voltage of clamp support & pluggable system	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -
Note	

Ordering data

Base terminal	
	dark beige Wemid
pluggable connector	
	For detailed information on all variations see "Accessories"
	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	8-pole
	10-pole
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-pole
End plate	
	dark beige Wemid
	orange Wemid
Test adapter	
	Standard
	with spigot
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdrivers	
	with cutting device "swifty set"
	Standard
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZT 4/2AN/1

4 mm²

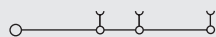
1 tension clamp conn. / 1 push-on conn.



6.5 x 58 x 48.5

32 / 6

0.13 ... 6



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
800	600	600	
32	28	28	
4	AWG 26 ... 10	AWG 26 ... 10	
		8	
		A3 / V-0	

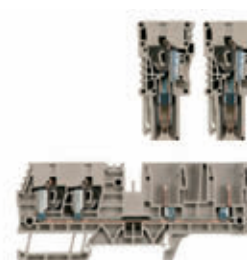


Rated connection	pluggable connection
0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5	

ZT 4/4AN/2

4 mm²

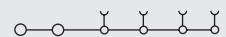
2 tension clamp conn. / 2 push-on conn.



6.5 x 93 x 48.5

32 / 6

0.13 ... 6



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
800	600	600	
32	28	28	
4	AWG 26 ... 10	AWG 26 ... 10	
		8 / 3	
		A3 / V-0	



Rated connection	pluggable connection
0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5	

Pluggable standard terminals WeiCoS

Modular PE terminals

WeiCoS - plug-in modular 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 x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
max. current of clamp support & pluggable system	V
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity, adjacent terminal	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm
Note	

Ordering data

Base terminal		
	green/yellow Wemid	
pluggable connector		
	For detailed information on all variations see "Accessories"	1-pole
		2-pole
		3-pole
		4-pole
		5-pole
		6-pole
(ZP 2.5/1AN/QV/1)		10-pole
Note		

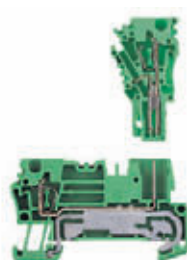
Accessories

End plate	
	dark beige Wemid
	orange PA
Test adapter	
	Standard
	with spigot
Miscellaneous accessories	
	Locking element, yellow
	Coding element, yellow
	Strain relief, yellow
Screwdrivers	
	with cutting device "swifty set"
	Standard
Rail support	
Arrangement of terminal rails in totally insulated systems	
Marking systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

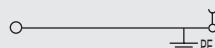
ZTPE 2.5/2AN/1

2.5 mm²

1 tension clamp conn. / 1 push-on conn.



5.1 x 58 x 35
/ 4
0.13 ... 4



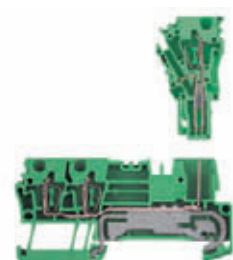
IEC 60947-7-2

EC 0094717-2			
IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 26... 12	
		500	
		6	
		300 A (2.5 mm²)	
		3	
		A2 / V-0	
			
Rated connection		pluggable 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			
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A			

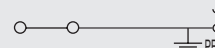
ZTPE 2.5/3AN/1

2.5 mm²

2 tension clamp conn. / 1 push-on conn.



5.1 x 71.5 x 35
/ 4
0.13 ... 4



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 26... 12	
	500		
	6		
	300 A (2.5 mm²)		
	3		
	A2 / V-0		
			
Rated connection		pluggable 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			
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A			

Modular PE terminals

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 x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm²
max. current of clamp support & pluggable system	V
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity, adjacent terminal	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm²
Flexible / Flexible with wire end ferrule	mm²
Stripping length / Blade size	mm
Note	

Ordering data

Base terminal	green/yellow Wemid
pluggable connector	
	<i>For detailed information on all variations see "Accessories"</i> 1-pole 2-pole 3-pole 4-pole 5-pole 6-pole 10-pole
<i>(ZP 2,5/1AN/QV/1)</i>	
Note	

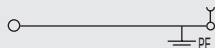
Accessories

End plate	dark beige Wernid orange PA
Test adapter	Standard with spigot
Miscellaneous accessories	Locking element, yellow Coding element, yellow Strain relief, yellow
Screwdrivers	with cutting device "swiftly set" Standard
Rail support	<i>Arrangement of terminal rails in totally insulated systems</i>
Marking systems	(see large assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZTPE 4/2AN/1

4 mm²

1 tension clamp conn. / 1 push-on conn.

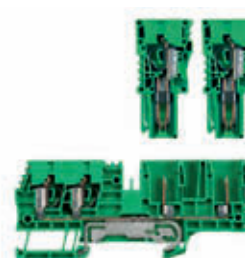
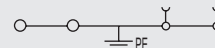

$$\frac{6.5 \times 58 \times 48.5}{6}$$


IEC	UL	CSA	EN 60079-7
4	AWG 26... 10		
	800		
	8		
	480 A (4 mm ²)		
	3		
	A3 / V-0		
			
Rated connection		pluggable connection	
0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5			

ZTPE 4/4AN/2

4 mm²

2 tension clamp conn. / 2 push-on conn.


$$\frac{6.5 \times 100.5 \times 48.5}{6}$$


IEC	UL	CSA	EN 60079-7
4	AWG 26... 10		
	800		
	8		
	480 A (4 mm ²)		
	3		
	A3 / V-0		
			
Rated connection		pluggable connection	
0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5			

Type	Qty.	Order No.
ZTPE 4/4AN/2	50	1848330000
ZP 4/1AN/1 GN	50	1854980000

[illegible]

Pluggable standard terminals WeiCoS

Double level terminals

WeiCoS - plug-in modular 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 x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
max. voltage of clamp support & pluggable system	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -
Note	

Ordering data

Base terminal	
	dark beige Wemid
pluggable connector	
	For detailed information on all variations see "Accessories"
	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	8-pole
	10-pole
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-pole
End plate	
	dark beige Wemid
	orange Wemid
Test adapter	
	Standard
	with spigot
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdrivers	
	with cutting device "swifty set"
	Standard
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDT 2.5/2

2.5 mm²

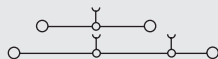
Two potentials feasible



5.1 x 80.5 x 52.5

24 / 4

0.13 ... 4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		
Rated 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			



Rated connection	pluggable 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	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDT 2.5/2 DU-PE

2.5 mm²

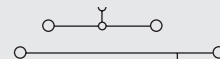
Phase - PE conductor



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 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		
Rated 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			



Rated connection	pluggable 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	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Double level terminals

WeiCoS - plug-in modular 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 x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
max. current of clamp support & pluggable system	V
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity, adjacent terminal	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm

Note

Ordering data

Base terminal		
	green/yellow Wemid	
pluggable connector		
	For detailed information on all variations see "Accessories"	1-pole
		2-pole
		3-pole
		4-pole
		5-pole
		6-pole
(ZP 2.5/1AN/QV/1)		10-pole
Note		

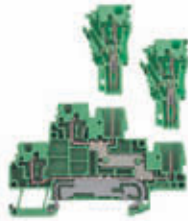
Accessories

End plate	
	dark beige Wemid
	orange PA
Test adapter	
	Standard
	with spigot
Miscellaneous accessories	
	Locking element, yellow
	Coding element, yellow
	Strain relief, yellow
Screwdrivers	
	with cutting device "swifty set"
	Standard
Rail support	
Arrangement of terminal rails in totally insulated systems	
Marking systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

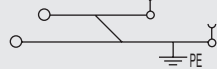
ZDT 2.5/2 PE

2.5 mm²

2 tension clamp conn. / 2 push-on conn.



5.1 x 80.5 x 52.5
/ 4
0.13 ... 4



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 26... 12	
		500	
		6	
		300 A (2.5 mm ²)	
		3	
		A2 / V-0	



Rated connection	pluggable 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	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDT 2.5/2 PE	50	1815170000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	width [mm]	Qty.	Order No.
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		1	9008330000
SH 2		10	0494920000
DEK 5 / WS 10/5			

Pluggable standard terminals WeiCoS

Modular disconnect terminals

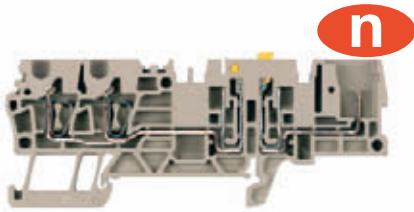
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

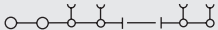
ZTTR 2.5

2.5 mm²

2 tension clamp conn. / 1 push-on conn.



5.1 x 87 x 36.5
18 / 4
0.13 ... 4



Technical data

Rated data	
Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
400	600	600	
16	16	16	
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 conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version
dark beige Wemid
blue Wemid
without disconnecter, dark beige Wemid

Note

Type	Qty.	Order No.
ZTTR 2.5	50	1865510000
ZTTR 2.5/O. TNHE	50	1905470000

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
Partition plate	dark beige Wemid

End bracket	
	dark beige

Screwdrivers	
	Standard

Test plug	
	Plug dia. 2.3 mm

Holder for cartridge fuse, 5 x 20mm	
	400 V ac/dc, without LED
	10-36 V ac/dc, red LED
	140-250V ac/dc, red LED

Module connector (max. 250 V)	
reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode

Disconnecting plug	
	yellow Wemid

Labelling systems	
(see large assortment in catalogue 7)	Marking tags

For detailed information on other accessories and applications see "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

width [mm]	
ZAP/TW ZTTR2.5	50
	1865520000

width [mm]	
ZEW 35	6
	20
	9540000000

SD 0.6x3.5x100	1	9008330000
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PS 2.3 RT	20	0180400000
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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

BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000

TNST	50	1833090000
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DEK 5

Pluggable standard terminals WeiCoS

Feed-through terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	mm
max. current / max. conductor	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

Note

Ordering data

Base terminal	
Base terminal	
Plug	
Note	

Accessories

Plug housing STGH	
beige Wemid	without spigot
	with spigot
Crimp contacts	
	Supplied in strips
	Single contacts
Test adapter	
	Enclosure test adapter, 4-way
	Strain relief
	Plug housing black
Tools	
	Crimping tools
End plate / Partition plate	
	beige Wemid
Dummy plug	
Marking systems	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

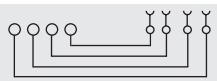
ZRV 1.5

1.5 mm²

Base terminal - plug



5.1 x 89.5 x 52
/ **2.5**
0.33 ... 2.5



IEC 60947-7-1 / VDE 0627

IEC	UL	CSA	EN 60079-7
63	150		
4	10		
1.5	AWG 26... 14		
	2 / 3		
	A1 / V-0		



Rated connection	Crimp connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	0.2...1
8 / 0.6 x 3.5	

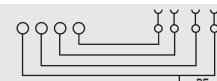
ZRV 1.5/PE

1.5 mm²

Base terminal - plug



5.1 x 89.5 x 52
/ **2.5**
0.33 ... 2.5

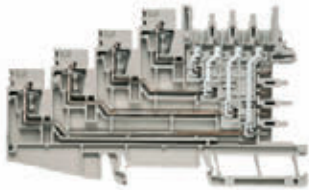


IEC 60947-7-1 (-7-2) / VDE 0627

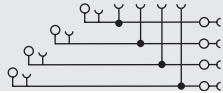
IEC	UL	CSA	EN 60079-7
63			
4			
1.5	AWG 26... 14		
	2 / 3		
	A1 / V-0		



Rated connection	Crimp connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	0.2...1
8 / 0.6 x 3.5	

ZRV 2.5/2**2.5 mm²****n**

5.2 x 115 x 70
10 / 4
0.05 ... 4

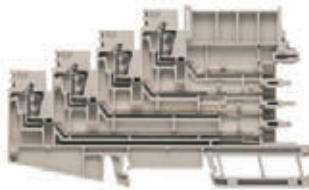


IEC 60947-7-1 / IEC 61984

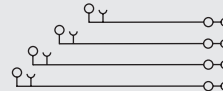
IEC	UL	CSA	EN 60079-7
250	300		
10	10		
2.5	AWG 24 ... 14		
	4 / 3		
	A2 / V-0		



Rated connection	Crimp connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	0.2...2.5
10 / 0.6 x 3.5	

ZRV 2.5/1**2.5 mm²****n**

5 x 115 x 69.5
/ 4
0.08 ... 4



IEC	UL	CSA	EN 60079-7
250			
10			
2.5			
	4 / 3		



Rated connection	Crimp connection
0.5...4	
0.5...2.5	0.2...2.5
10 / 0.6 x 3.5	

Type	Qty.	Order No.
ZRV 2.5/2	50	1906970000

Type	Qty.	Order No.
ZRV 2.5/1	50	1906960000

Type	Current [A]	Qty.	Order No.
STGH O.ZA ZRV2.5		50	1907010000
STGH ZRV2.5		50	1907000000
FEKO ZRV2.5 0.2-0.35		5000	1854750000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4000	1848480000
FEKO ET ZRV2.5 0.2-0.35		500	1893940000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
GH ZE STGH ZRV2.5		50	2318620000
ZE ZRV2.5		25	2318670000
STGH SW ZRV2.5		25	1898420000
STGH O.ZA/SW ZRV2.5		25	1898430000

HTF ZRV	1	9014840000
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AP ZRV2.5	10	1906980000
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DEK 5 / WS 12/5

Type	Current [A]	Qty.	Order No.
STGH O.ZA ZRV2.5		50	1907010000
STGH ZRV2.5		50	1907000000
FEKO ZRV2.5 0.2-0.35		5000	1854750000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4000	1848480000
FEKO ET ZRV2.5 0.2-0.35		500	1893940000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
GH ZE STGH ZRV2.5		50	2318620000
ZE ZRV2.5		25	2318670000
STGH SW ZRV2.5		25	1898420000
STGH O.ZA/SW ZRV2.5		25	1898430000

HTF ZRV	1	9014840000
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AP ZRV2.5	10	1906980000
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DEK 5 / WS 12/5

Pluggable standard terminals WeiCoS

Plug-in connector

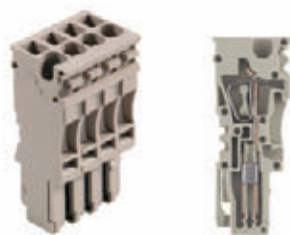
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35	35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²	
max. clamping range	mm ²	

ZP 2.5/1AN

2.5 mm²

2...17-pole

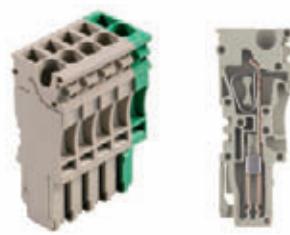


x 16 x 41
24 / 4
0.13 ... 4

ZP 2.5/1AN/GN/BE

2.5 mm²

2...17-pole plug-in connectors each with one pole coloured green



x 16 x 41
24 / 4
0.13 ... 4

Technical data

Rated data	
Rated voltage	V
max. voltage of clamp support & pluggable system	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -
Note	

IEC 60947-7-1 / IEC 61984

IEC 60947-7-17 IEC 61984			
IEC	UL	CSA	EN 60079-7
500	300		
24	20		
2.5	AWG 26... 12		
	6 / 3		
	A2 / V-0		
			
Rated connection		pluggable connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5			
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

IEC	UL	CSA	EN 60079-7
500	300		
24	20		
2.5	AWG 26... 12		
	6		
	A2 / V-0		
			
Rated connection		pluggable connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5			
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Ordering data

beige Wemid	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
11-pole	
12-pole	
13-pole	
14-pole	
15-pole	
16-pole	
17-pole	
1-pole	
Note	

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/10	20	1815560000
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/17	10	1815180000
ZP 2.5/1AN/1 GN	50	1820580000
Note		

Type	Qty.	Order No.
ZP 2.5/1AN/2 GN/BE	25	1867090000
ZP 2.5/1AN/3 GN/BE	25	1867100000
ZP 2.5/1AN/4 GN/BE	25	1867110000
ZP 2.5/1AN/5 GN/BE	25	1867120000
ZP 2.5/1AN/6 GN/BE	25	1867130000
ZP 2.5/1AN/7 GN/BE	25	1867140000
ZP 2.5/1AN/8 GN/BE	25	1867150000
ZP 2.5/1AN/10 GN/BE	20	1867170000
ZP 2.5/1AN/10 GN/BE	20	1867170000
ZP 2.5/1AN/11 GN/BE	20	1867180000
ZP 2.5/1AN/12 GN/BE	20	1867190000
ZP 2.5/1AN/13 GN/BE	10	1867200000
ZP 2.5/1AN/14 GN/BE	10	1867210000
ZP 2.5/1AN/15 GN/BE	10	1867220000
ZP 2.5/1AN/16 GN/BE	10	1867230000
ZP 2.5/1AN/17 GN/BE	10	1867240000
Note		
The technical specifications relate to the use in conjunction with PE terminals to DIN EN 60947-7-2 only.		

Accessories

Cross-connection, pluggable	
2-pole	
3-pole	
10-pole	
Test adapter	
in preparation	
Screwdrivers	
SD to DIN 5264-A	
Group designation	
Push-in tag, blank	
Chafing patch, transparent	
Labelling systems	
(see large assortment in catalogue 7)	
Marking tags	
For detailed information on other accessories and applications see "Accessories"	

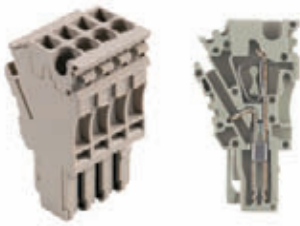
Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5		25	1827080000
SD 0.6x3.5x100		1	9008330000
ZGB 30		20	1611930000
ESO 7 A4-BOGEN WEISS		1	1607720000
STR 7 F.SCHT 7		20	0515300000
DEK 5 / ZGB 30			
Note			

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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5		25	1827080000
SD 0.6x3.5x100		1	9008330000
ZGB 30		20	1611930000
ESO 7 A4-BOGEN WEISS		1	1607720000
STR 7 F.SCHT 7		20	0515300000
DEK 5 / ZGB 30			
Note			

ZP 2.5/1AN/QV

2.5 mm²

1...17-pole



x 23 x 41
24 / 4
0.13 ... 4

IEC	UL	CSA	EN 60079-7
500	300		

24	20		
2.5	AWG 26... 12		
	6		
	A2 / V-0		



Rated connection **pluggable connection**

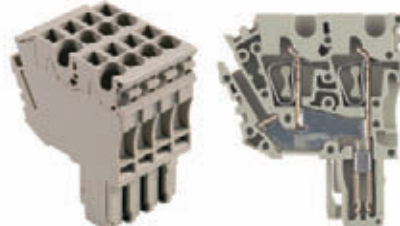
0.5...4
 0.5...4 / 0.5...2.5
 10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZP 2.5/2AN/QV

2.5 mm²

1...17-pole



x 37 x 41
24 / 4
0.13 ... 4

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500			

24			
2.5			
	6 / 3		
	A2 / V-0		



Rated connection **pluggable connection**

0.5...4
 0.5...4 / 0.5...2.5
 10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZP 4/1AN

2.5 mm²

1...17-pole



n

x 22 x 48.5
32 / 6
0.21 ... 6

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
800	600	600	

32	28	28	
2.5	AWG 26 ... 10	AWG 26 ... 10	
	8 / 3		
	A3		



Rated connection **pluggable connection**

0.5...6
 0.5...6 / 0.5...4
 12 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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/10	20	1815280000
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/17	10	1815350000
ZP 2.5/1AN/QV/1 GN	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/10	10	1815820000
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/17	5	1815890000
ZP 2.5/2AN/QV/1 GN	50	1820590000

Type	Qty.	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/10	10	1855070000
ZP 4/1AN/10	10	1855070000
ZP 4/1AN/11	20	1855080000
ZP 4/1AN/12	10	1855090000
ZP 4/1AN/13	10	1855100000
ZP 4/1AN/14	10	1855110000
ZP 4/1AN/15	10	1855120000
ZP 4/1AN/16	10	1855130000
ZP 4/1AN/17	10	1855140000
ZP 4/1AN/1 GN	50	1854980000

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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5	25		1827080000
SD 0.6x3.5x100	1		9008330000
ZGB 30	20		1611930000
ESO 7 A4-BOGEN WEISS	1		1607720000
STR 7 F.SCHT 7	20		0515300000
DEK 5 / ZGB 30			

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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5	25		1827080000
SD 0.6x3.5x100	1		9008330000
ZGB 30	20		1611930000
ESO 7 A4-BOGEN WEISS	1		1607720000
STR 7 F.SCHT 7	20		0515300000
DEK 5 / ZGB 30			

Type	Current [A]	Qty.	Order No.
width [mm]			
SD 0.6x3.5x100	1		9008330000
DEK 5 / WS 10/6			

Pluggable standard terminals WeiCoS

Coupling

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 x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

ZP 2.5 ZVR

2.5 mm²

2...12-pole



x 23 x 41
24 / 4
0.13 ... 4

ZPS 2.5/1AN/QV

2.5 mm²

1...16-pole



n

x 41 x 37
24 / 4
0.13 ... 4

Technical data

Rated data	
Rated voltage	V
max. voltage of clamp support & pluggable system	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

Note

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	300		
24	20		
2.5	AWG 26... 12		
	6 / 3		
	A2 / V-0		



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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300; 600	
24	20	20	
2.5	AWG 26 ... 12	AWG 26 ... 12	
	6 / 3		
	A2		



Rated connection	pluggable connection
0.13...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

beige Wemid



1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
11-pole	
12-pole	
13-pole	
14-pole	
15-pole	
16-pole	
17-pole	
1-pole	

green Wemid

Note

Type	Qty.	Order No.
ZP 2.5/2 ZVR	20	1888060000
ZP 2.5/3 ZVR	20	1888070000
ZP 2.5/4 ZVR	20	1888090000
ZP 2.5/5 ZVR	10	1888130000
ZP 2.5/6 ZVR	10	1888160000
ZP 2.5/7 ZVR	10	1888170000
ZP 2.5/8 ZVR	5	1888180000
ZP 2.5/10 ZVR	10	1888200000
ZP 2.5/10 ZVR	10	1888200000
ZP 2.5/11 ZVR	10	1888210000
ZP 2.5/12 ZVR	10	1888220000

Type	Qty.	Order No.
ZPS 2.5/1AN/QV/1	50	1865880000
ZPS 2.5/1AN/QV/2	20	1865900000
ZPS 2.5/1AN/QV/3	20	1865910000
ZPS 2.5/1AN/QV/4	20	1865920000
ZPS 2.5/1AN/QV/5	20	1865930000
ZPS 2.5/1AN/QV/6	20	1865940000
ZPS 2.5/1AN/QV/7	20	1865950000
ZPS 2.5/1AN/QV/8	10	1865960000
ZPS 2.5/1AN/QV/10	10	1865980000
ZPS 2.5/1AN/QV/10	10	1865980000
ZPS 2.5/1AN/QV/11	10	1865990000
ZPS 2.5/1AN/QV/12	10	1866000000
ZPS 2.5/1AN/QV/13	10	1866010000
ZPS 2.5/1AN/QV/14	10	1866020000
ZPS 2.5/1AN/QV/15	10	1866030000
ZPS 2.5/1AN/QV/16	10	1866040000
ZPS 2.5/1AN/QV/1 GN	50	1865890000

Accessories

Cross-connection, pluggable

2-pole	
3-pole	
10-pole	

Test adapter

in preparation

Screwdrivers

SD to DIN 5264-A

Group designation

Push-in tag, blank	
Chafing patch, transparent	
Labelling systems (see large assortment in catalogue 7)	
Marking tags	

For detailed information on other accessories and applications see "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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5		25	1827080000
SD 0.6x3.5x100		1	9008330000
ZGB 30		20	1611930000
ESO 7 A4-BOGEN WEISS		1	1607720000
STR 7 F.SCHT 7		20	0515300000
DEK 5 / ZGB 30			

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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5		25	1827080000
SD 0.6x3.5x100		1	9008330000
ZGB 30		20	1611930000
ESO 7 A4-BOGEN WEISS		1	1607720000
STR 7 F.SCHT 7		20	0515300000
DEK 5 / ZGB 30			

ZPS 2.5/ ... ZVLA SC**2.5 mm²**

2...12-pole, direct mounting with screws

**n**

x 30 x 42

24 / 4**0.13 ... 4**

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	600		

24	24		
2.5	AWG 26... 12		
	6 / 3		
	A2 / V-0		

**Rated connection** **pluggable connection**

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.**ZPS 2.5/ ... ZVLA DF CL****2.5 mm²**

2...12-pole, cable entry with clip

**n**

x 28.1 x 42

24 / 4**0.13 ... 4**

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	300		

24	24		
2.5	AWG 26... 12		
	6 / 3		
	A2 / V-0		

**Rated connection** **pluggable connection**

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.**ZPS 2.5/ ... ZVLA1****2.5 mm²**

2...12-pole, flying coupling

**n**

x 25.5 x 42

24 / 4**0.13 ... 4**

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	300		

24	24		
2.5	AWG 26... 12		
	6 / 3		
	A2 / V-0		

**Rated connection** **pluggable connection**

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZPS 2.5/2 ZVLA SC	20	1866270000
ZPS 2.5/3 ZVLA SC	20	1866080000
ZPS 2.5/4 ZVLA SC	20	1866090000
ZPS 2.5/5 ZVLA SC	10	1866100000
ZPS 2.5/6 ZVLA SC	10	1866110000
ZPS 2.5/7 ZVLA SC	10	1866120000
ZPS 2.5/8 ZVLA SC	5	1866130000
ZPS 2.5/10 ZVLA SC	10	1866150000
ZPS 2.5/10 ZVLA SC	10	1866150000
ZPS 2.5/11 ZVLA SC	10	1866160000
ZPS 2.5/12 ZVLA SC	10	1866170000

Type	Qty.	Order No.
ZPS 2.5/2 ZVLA DF CL	20	1887540000
ZPS 2.5/3 ZVLA DF CL	20	1887570000
ZPS 2.5/4 ZVLA DF CL	20	1887590000
ZPS 2.5/5 ZVLA DF CL	10	1887600000
ZPS 2.5/6 ZVLA DF CL	10	1887610000
ZPS 2.5/7 ZVLA DF CL	10	1887620000
ZPS 2.5/8 ZVLA DF CL	5	1887710000
ZPS 2.5/10 ZVLA DF CL	10	1887730000
ZPS 2.5/10 ZVLA DF CL	10	1887730000
ZPS 2.5/11 ZVLA DF CL	10	1887740000
ZPS 2.5/12 ZVLA DF CL	10	1887750000

Type	Qty.	Order No.
ZPS 2.5/2 ZVLA1	20	1886940000
ZPS 2.5/3 ZVLA1	20	1886950000
ZPS 2.5/4 ZVLA1	20	1887020000
ZPS 2.5/5 ZVLA1	10	1887030000
ZPS 2.5/6 ZVLA1	10	1887040000
ZPS 2.5/7 ZVLA1	10	1887050000
ZPS 2.5/8 ZVLA1	5	1887060000
ZPS 2.5/10 ZVLA1	10	1887080000
ZPS 2.5/10 ZVLA1	10	1887080000
ZPS 2.5/11 ZVLA1	10	1887090000
ZPS 2.5/12 ZVLA1	10	1887100000

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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5	25		1827080000
SD 0.6x3.5x100	1		9008330000
ZGB 30	20		1611930000
ESO 7 A4-BOGEN WEISS	1		1607720000
STR 7 F.SCHT 7	20		0515300000
DEK 5 / ZGB 30			

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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5	25		1827080000
SD 0.6x3.5x100	1		9008330000
ZGB 30	20		1611930000
ESO 7 A4-BOGEN WEISS	1		1607720000
STR 7 F.SCHT 7	20		0515300000
DEK 5 / ZGB 30			

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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5	25		1827080000
SD 0.6x3.5x100	1		9008330000
ZGB 30	20		1611930000
ESO 7 A4-BOGEN WEISS	1		1607720000
STR 7 F.SCHT 7	20		0515300000
DEK 5 / ZGB 30			

Pluggable standard terminals WeiCoS

Coupling

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 x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

ZPS 2.5/ ... ZVLA DF

2.5 mm²

2...12-pole, cable entry with screw



n

x 28.1 x 42
24 / 4
0.13 ... 4

ZPS 2.5/ ... ZVLA RC

2.5 mm²

2...12-pole, direct mounting with clip



n

x 30.4 x 42
24 / 4
0.13 ... 4

Technical data

Rated data	
Rated voltage	V
max. voltage of clamp support & pluggable system	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -
Note	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	300		
24	24		
2.5	AWG 26... 12		
	6 / 3		
	A2 / V-0		



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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA	EN 60079-7
500	300		
24	24		
2.5	AWG 26... 12		
	6 / 3		
	A2 / V-0		



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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

beige Wernid	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	7-pole
	8-pole
	9-pole
	10-pole
	11-pole
	12-pole
	13-pole
	14-pole
	15-pole
	16-pole
	17-pole
green Wernid	1-pole
Note	

Type	Qty.	Order No.
ZPS 2.5/2 ZVLA DF	20	1887280000
ZPS 2.5/3 ZVLA DF	20	1887290000
ZPS 2.5/4 ZVLA DF	20	1887300000
ZPS 2.5/5 ZVLA DF	10	1887310000
ZPS 2.5/6 ZVLA DF	10	1887320000
ZPS 2.5/7 ZVLA DF	10	1887330000
ZPS 2.5/8 ZVLA DF	5	1887370000
ZPS 2.5/10 ZVLA DF	10	1887390000
ZPS 2.5/10 ZVLA DF	10	1887390000
ZPS 2.5/11 ZVLA DF	10	1887400000
ZPS 2.5/12 ZVLA DF	10	1887410000

Type	Qty.	Order No.
ZPS 2.5/2 ZVLA RC	20	1887800000
ZPS 2.5/3 ZVLA RC	20	1887810000
ZPS 2.5/4 ZVLA RC	20	1887820000
ZPS 2.5/5 ZVLA RC	10	1887830000
ZPS 2.5/6 ZVLA RC	10	1887840000
ZPS 2.5/7 ZVLA RC	10	1887850000
ZPS 2.5/8 ZVLA RC	5	1887860000
ZPS 2.5/10 ZVLA RC	10	1887880000
ZPS 2.5/10 ZVLA RC	10	1887880000
ZPS 2.5/11 ZVLA RC	10	1887890000
ZPS 2.5/12 ZVLA RC	10	1887900000

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	10-pole
Test adapter	
in preparation	
Screwdrivers	
SD to DIN 5264-A	
Group designation	
	Push-in tag, blank
	Chafing patch, transparent
Labelling systems	
(see large assortment in catalogue 7)	
	Marking tags
For detailed information on other accessories and applications see "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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5		25	1827080000
SD 0.6x3.5x100		1	9008330000
ZGB 30		20	1611930000
ESO 7 A4-BOGEN WEISS		1	1607720000
STR 7 F.SCHT 7		20	0515300000
DEK 5 / ZGB 30			

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/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5		25	1827080000
SD 0.6x3.5x100		1	9008330000
ZGB 30		20	1611930000
ESO 7 A4-BOGEN WEISS		1	1607720000
STR 7 F.SCHT 7		20	0515300000
DEK 5 / ZGB 30			

Distribution System

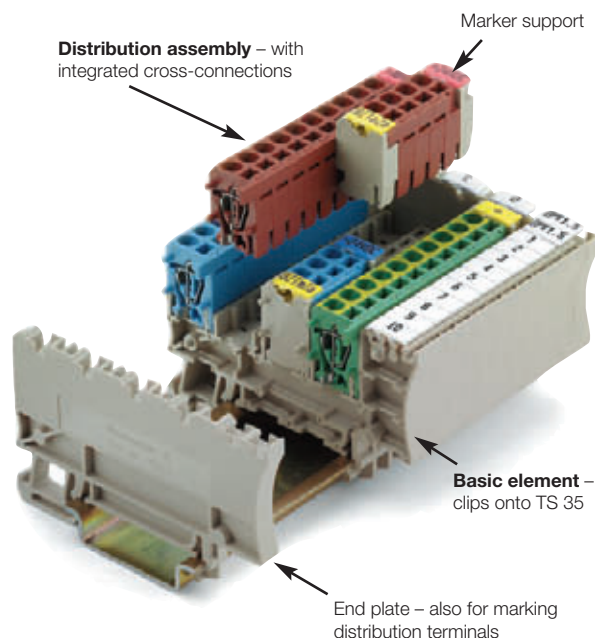
This modular system is based on the in-row individual modules of the distribution assembly with their integrated cross-connection.

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.

D

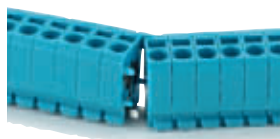
The supports for these module combinations are the basic elements which simply clip onto TS-35 mounting rails. The basic elements are available in different versions:

- Simple support elements without electric function (ZPV 1.5)
- Basic elements for supplying initiators and actuators as 3- or 4-core connection



ZPV 1.5 – for easy assembly of variable pole numbers

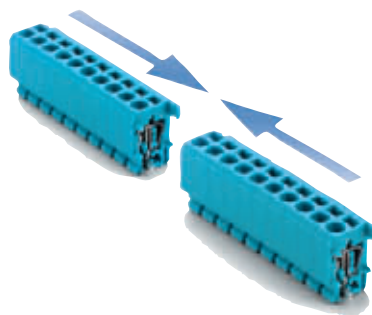
- Easily separated
- Easily plugged into each other



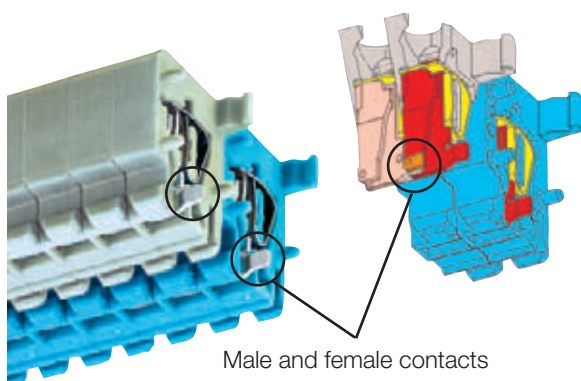
... by hand



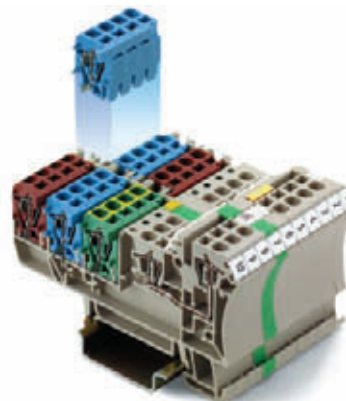
... with a screwdriver



- Integrated cross-connection



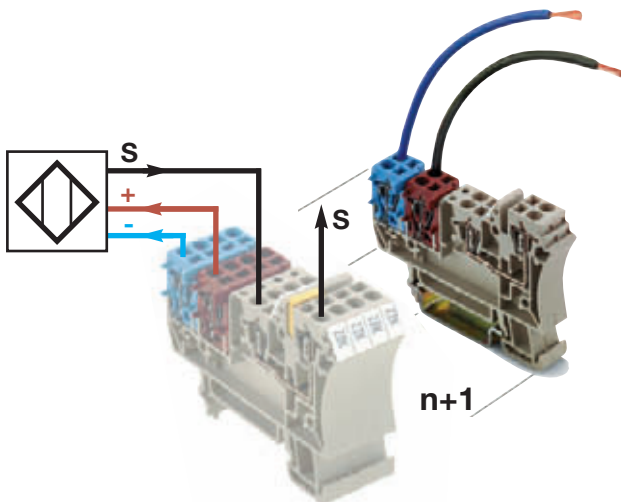
- Clips onto the basic elements by hand



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 terminals.



Initiator supply

via 1 additional standard basic element

=> $n + 1$ basic elements

=> $n + 1$ distribution assembly element for each circuit path
(n = number of initiators)

4-core basic elements are used for initiator supply with additional PE connection; these can take 3 distribution terminals.

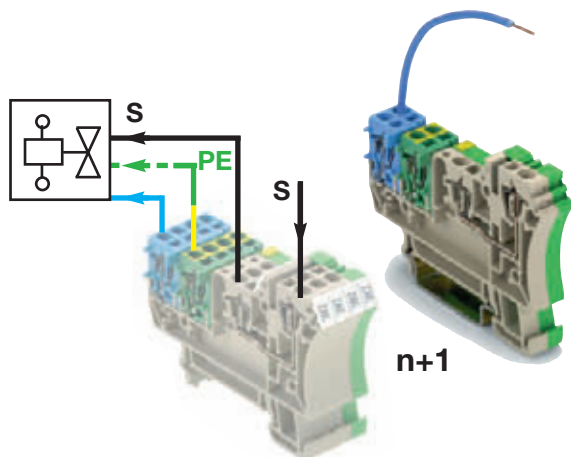


Or:

**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.

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.



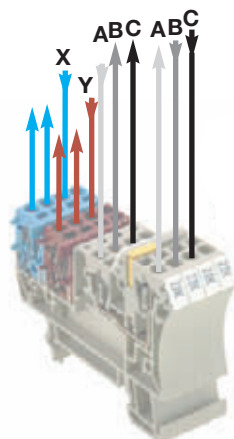
Actuator supply

via 1 additional standard basic element

=> $n + 1$ PE basic elements

=> $n + 1$ distribution assembly element for each circuit path
(n = no. of actuators)

For design reasons, the PE basic element is always positioned on the left at the beginning of a terminal series, and is only required once.



Initiator and actuator terminals

The modular distribution strip system

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 x length x height with TS 35 x 7.5	mm
max. current / max. conductor	
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
voltage LED / current LED / circuit state	V / A / -
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

Note

Ordering data

Base terminal	
Base terminal	
Base terminal with LED	
PE base terminal	
Modular distribution strip	
dark beige Wemid	
brown Wemid	
blue Wemid	
green/yellow Wemid	
dark beige Wemid	
Note	

Accessories

Cross-connection, pluggable	
For signal level of base terminal only	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate / Partition plate	
dark beige Wemid	
Screwdrivers	
Standard	
Reducing sleeves	
for conductors < 0.5 mm ² / < AWG 20	
for conductors < 1.0 mm ² / < AWG 18	
Marking holder for modular distribution strip	
without spigot	
with spigot	
Marking systems	
(see large assortment in catalogue 7)	
Marking tags	
For detailed information on other accessories and applications see "Accessories"	

ZPV 1.5

1.5 mm²

Base element



6.7 x 67.8 x 38

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26... 14	AWG 26... 14	
	4 / 3		
	/ V-0		



Rated connection

ZIA 1.5/3 L...

1.5 mm²

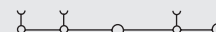
Base element 3-wire



5.1 x 68.5 x 46

/ 2.5

0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
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...1.5

8 / 0.6 x 3.5

Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)

Type	Qty.	Order No.
ZPV 1.5	100	1676630000
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

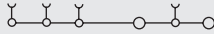
Type	Qty.	Order No.
ZIA 1.5/3L-1S	100	1651980000
ZIA 1.5/3L-1S/LD	50	1651990000
ZIA 1.5/3L-PE	20	1652000000
Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000

Type	Current [A]	Qty.	Order No.
width [mm]			
ZAP/TW ZPV1.5	5.1	50	1674650000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
width [mm]			
ZAP/TW ZIA1.5/3L	5.1	50	1649540000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
ZRH 1.5N/1		1000	1632140000
ZRH 1.5N/2		1000	1632130000
width [mm]			
width [mm]			
DEK 5 / WS 12/5			
width [mm]			
For holding distribution strip ZVL 1.5			

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 ZIA1.5/3L	5.1	50	1649540000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
ZRH 1.5N/1		1000	1632140000
ZRH 1.5N/2		1000	1632130000
width [mm]			
width [mm]			
DEK 5			
width [mm]			

ZIA 1.5/4 L...**1.5 mm²**

Base element 4-wire

**5.1 x 81.5 x 46****/ 2.5****0.13 ... 2.5**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
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...1.5

8 / 0.6 x 3.5

Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)

ZVL 1.5**1.5 mm²**

Distribution strip

**5.1 x 12.9 x 17.4****/ 2.5****0.13 ... 2.5**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
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 / 0.6 x 3.5

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	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	5.1	50	1649550000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5N/1		1000	1632140000
ZRH 1.5N/2		1000	1632130000

Type	Current [A]	Qty.	Order No.
ZRH 1.5N/1		1000	1632140000
ZRH 1.5N/2		1000	1632130000
BZT ZVL1.5/O.ZA		100	1676620000
BZT ZVL1.5		100	1676610000

DEK 5

DEK 5

Integral cross-connections. Distributor strip for base element ZPV 1.5 or order No. 1676630000

Modular design

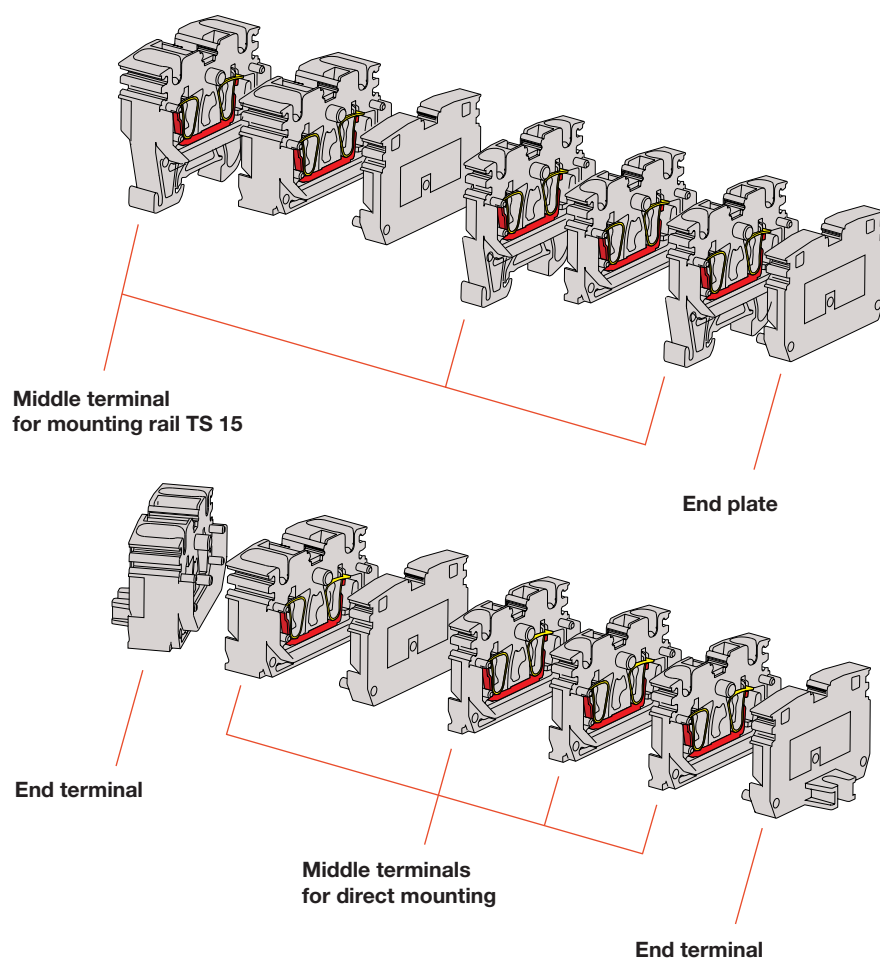
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

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 system 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 flammability class to UL94.



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.

... 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

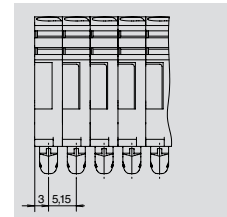
Clip-on fastening on mounting plates

The terminals are simply clipped on to mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes.

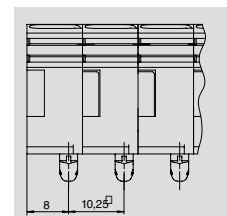
The open side of the terminal is closed by an end plate.



Drilling plan:
ZDUB/2.5-2/2AN



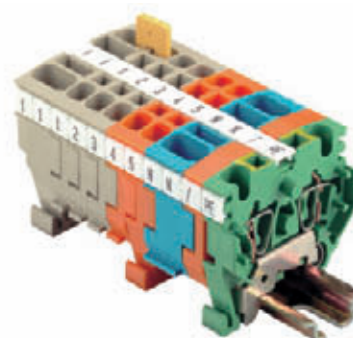
ZDUB 2.5-2/4AN



ZPEB 2.5-2 TS 15

Fitting on mounting rail TS 15

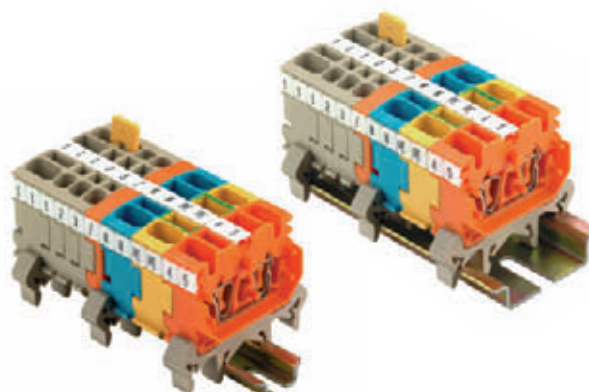
For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.



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

Terminal blocks 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 x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage (to adjacent terminal for PE)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

Note

Ordering data

Central terminals	
dark beige Wemid	
blue Wemid	
yellow Wemid	
green/yellow Wemid	
End terminals	
with fixing option	dark beige Wemid
external, 1 pc. required for	blue Wemid
Block assembly	yellow Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate / Partition plate	
dark beige Wemid	
blue Wemid	
orange PA	
End bracket	
Fixing blocks	
1 pc. necessary when assembling	dark beige Wemid
blocks (alternative to end terminals)	blue Wemid
Screwdrivers	
Standard	
Mounting foot for TS 15 & TS 35	
dark beige Wemid	
Marking systems	
(see large assortment in catalogue 7)	
Marking tags	
For detailed information on other accessories and applications see "Accessories"	

ZDUB 2.5-2/2AN/RC

2.5 mm²

Two connections for panel mount



5.1 x 33.2 x 28.8
30 / 4
0.13 ... 4

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26... 12	AWG 26... 12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX2755 U

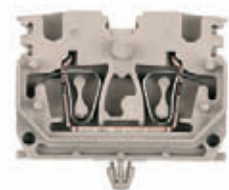
Rated connection	
0.5...4	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

Clip

ZDUB 2.5-2/4AN/RC

2.5 mm²

Four connections for panel mount



10.2 x 33.5 x 29
30 / 4
0.13 ... 4

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26... 12	AWG 26... 12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX2755 U

Rated connection	
0.5...4	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

Clip

Terminal blocks 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 x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data**Rated data**

Rated voltage (to adjacent terminal for PE)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

Note**Ordering data****Central terminals**

dark beige Wemid
blue Wemid
yellow Wemid
green/yellow Wemid

End terminals

with fixing option

external, 1 pc. required for

Block assembly

dark beige Wemid
blue Wemid
yellow Wemid

Note**Accessories****Cross-connection, pluggable**

2-pole
3-pole
4-pole
10-pole
50-pole

End plate / Partition plate

dark beige Wemid
blue Wemid
orange PA

End bracket**Fixing blocks**

1 pc. necessary when assembling blocks (alternative to end terminals)

dark beige Wemid
blue Wemid

Screwdrivers

Standard

Mounting foot for TS 15 & TS 35

dark beige Wemid

Marking systems

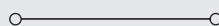
(see large assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications see "Accessories"

ZDUB 2.5-2/2AN/DM**2.5 mm²**

Two connections for direct mount

**5.1 x 33 x 24****30 / 4****0.13 ... 4**

IEC 60947-7-1

Ex e II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26... 12	AWG 26... 12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX2755 U

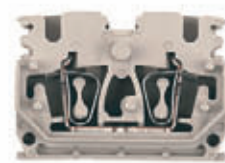
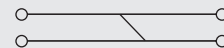
Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

Direct mounting

ZDUB 2.5-2/4AN/DM**2.5 mm²**

Four connections for direct mount

**10.2 x 33.5 x 24****30 / 4****0.13 ... 4**

IEC 60947-7-1

Ex e II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26... 12	AWG 26... 12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX2755 U

Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

Direct mounting

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	100 1704500000
ZDUB 2.5-2/2AN/DB BL	100 1704510000
ZDUB 2.5-2/2AN/DB GE	100 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	Current [A]	Qty.	Order No.
ZQB 2.5-2	24	50	1677120000

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

width [mm]	width [mm]
ZAP ZDUB	5 50 1704750000
ZAP ZDUB BL	5 50 1704760000
ZAP ZDUB OR	5 50 1704770000

width [mm]	width [mm]
ZAP ZDUB	5 50 1704750000
ZAP ZDUB BL	5 50 1704760000
ZAP ZDUB OR	5 50 1704770000

Type	Qty.	Order No.
ZBB ZDUB	50	1704740000

Type	Qty.	Order No.
ZBB ZDUB	50	1704740000

Type	Qty.	Order No.
SD 0.6x3.5x100	1	9008330000

Type	Qty.	Order No.
SD 0.6x3.5x100	1	9008330000

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

Mini terminals

Terminal blocks 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 x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage (to adjacent terminal for PE)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

Note

Ordering data

Central terminals	
dark beige Wemid	
blue Wemid	
yellow Wemid	
green/yellow Wemid	
End terminals	
with fixing option	dark beige Wemid
external, 1 pc. required for	blue Wemid
Block assembly	yellow Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate / Partition plate	
dark beige Wemid	
blue Wemid	
orange PA	
End bracket	
Fixing blocks	
1 pc. necessary when assembling	dark beige Wemid
blocks (alternative to end terminals)	blue Wemid
Screwdrivers	
Standard	
Mounting foot for TS 15 & TS 35	
dark beige Wemid	
Marking systems	
(see large assortment in catalogue 7)	
Marking tags	
For detailed information on other accessories and applications see "Accessories"	

ZDUB 2.5-2/2AN/TS15

2.5 mm²

Two connections for TS 15 DIN Rail



5.1 x 33.5 x 32	
30 / 4	
0.13 ... 4	

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26... 12	AWG 26... 12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX2755 U

Rated connection	
0.5...4	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

TS 15 - block design

ZDUB 2.5-2/4AN/TS15

2.5 mm²

Four connections for TS 15 DIN Rail



10.2 x 33.5 x 32	
30 / 4	
0.13 ... 4	

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26... 12	AWG 26... 12	2.5
8 / 3			
A2 / V-0			



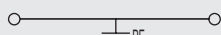
KEMA 97ATEX2755 U

Rated connection	
0.5...4	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

TS 15 - block design

ZPEB 2.5-2**2.5 mm²**

Two connections for TS 15 DIN Rail

**5.1 x 33.2 x 32****/ 4****0.13 ... 4**

IEC 60947-7-2

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 26... 12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX2755 U

Rated connection

0.5...4

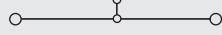
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5

TS 15 - block design

ZDUA 2.5-2**2.5 mm²**

Two connections for TS 15 DIN Rail

**5.1 x 35 x 30.5****30 / 4****0.13 ... 4**

IEC 60947-7-1

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
24	20	20	20
2.5	AWG 26... 12	AWG 26... 12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4678 U

Rated connection

0.5...4

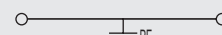
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5

TS 15 - thin element design

ZPEA 2.5-2**2.5 mm²**

Two connections for TS 15 DIN Rail

**5.1 x 35 x 30.5****/ 4****0.13 ... 4**

IEC 60947-7-2

Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 26... 12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4678 U

Rated connection

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5

TS 15 - thin element design

Type	Qty.	Order No.
ZPEB 2.5-2	100	1712810000
Type	Order No.	

Type	Qty.	Order No.
ZDUA 2.5-2	100	1720920000
ZDUA 2.5-2 BL	100	1720930000
Type	Order No.	

Type	Qty.	Order No.
ZPEA 2.5-2	100	1720950000
Type	Order No.	

Type	Current [A]	Qty.	Order No.
ZAP ZDUB	5	50	1704750000
ZEW 15	20	7920340000	
SD 0.6x3.5x100	1	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	5	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	1	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	1	9008330000	
DEK 5 / WS 10/5			

Mini terminals

Terminal blocks 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 x length x height with TS 35 x 7.5	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage (to adjacent terminal for PE)	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Stripping length / Blade size	mm / -

Note

Ordering data

Central terminals	
	dark beige Wemid
	blue Wemid
	yellow Wemid
	green/yellow Wemid
End terminals	
with fixing option	dark beige Wemid
external, 1 pc. required for	blue Wemid
Block assembly	yellow Wemid
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
	orange PA
End bracket	
Fixing blocks	
1 pc. necessary when assembling	dark beige Wemid
blocks (alternative to end terminals)	blue Wemid
Screwdrivers	
	Standard
Mounting foot for TS 15 & TS 35	
	dark beige Wemid
Marking systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDUA 2.5-2N

2.5 mm²

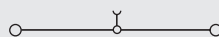
Two connections for TS 15 DIN Rail



5.1 x 42.3 x 34.7

30 / 4

0.13 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 26... 12	AWG 26... 12	
	8 / 3		
	A2 / V-0		



Rated connection

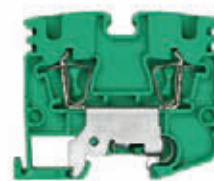
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

TS 15 - thin element design

ZPEA 2.5-2N

2.5 mm²

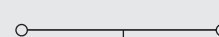
Two connections for TS 15 DIN Rail



5.1 x 42.3 x 34.7

/ 4

0.13 ... 4



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 26... 12	
	8 / 3		
	A2 / V-0		



Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5

TS 15 - thin element design

Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	mm
max. current / max. conductor	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fittings	
Diode reverse voltage / Diode current	V / A
voltage LED / current LED / polarity	V / mA / -
Resistor / Varistor	-/V
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
Note	

Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / < AWG 20
	for conductors < 1.0 mm ² / < AWG 18
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDU 2.5/2x2AN/LD+

2.5 mm²

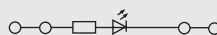
LED indicator



5.1 x 79.1 x 39.5

/ 4

0.05 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
0.05			
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A3 / V-0		
			
24 / 0			
Rated connection	further connection		
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5			

ZDU 2.5/2x2AN/LD-

2.5 mm²

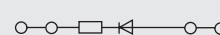
LED indicator



5.1 x 79.1 x 39.5

/ 4

0.05 ... 4

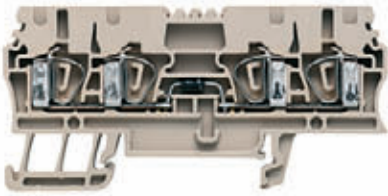


IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
0.05			
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A3 / V-0		
			
24 / 0			
Rated connection		further connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5			

ZDU 2.5/2x2AN/D+**2.5 mm²**

Diode circuit

**5.1 x 79.1 x 39.5****/ 4****0.05 ... 4**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
	6 / 3		
	A3 / V-0		
1000 / 1			

Rated connection**further connection**

0.5...4

0.5...4 / 0.5...2.5

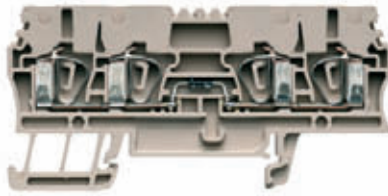
10 / 0.6 x 3.5

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D+	20	1650340000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A

ZDU 2.5/2x2AN/D-**2.5 mm²**

Diode circuit

**5.1 x 79.1 x 39.5****/ 4****0.05 ... 4**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
	6 / 3		
	A3 / V-0		
1000 / 1			

Rated connection**further connection**

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D-	20	1650350000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A

Type	Current [A]	Qty.	Order No.
width [mm]			
ZAP/TW 3	2	50	1608800000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000

DEK 5 / WS 10/5

Type	Current [A]	Qty.	Order No.
width [mm]			
ZAP/TW 3	2	50	1608800000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000

DEK 5 / WS 10/5

Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 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 x length x height with TS 35 x 7.5	mm
max. current / max. conductor	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fittings	
Diode reverse voltage / Diode current	V / A
voltage LED / current LED / polarity	V / mA / -
Resistor / Varistor	-/V
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
Note	

Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / < AWG 20
	for conductors < 1.0 mm ² / < AWG 18
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZDU 2.5-2/D+

2.5 mm²

Diode circuit



5.1 x 50.5 x 44
/ 2.5
0.05 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
1	1	1	
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		



1000 / 1

Rated connection further connection

0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDU 2.5-2/D-

2.5 mm²

Diode circuit



5.1 x 50.5 x 44
/ 2.5
0.05 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
1	1	1	
2.5	AWG 30... 12	AWG 26... 12	
	6 / 3		
	A2 / V-0		



1000 / 1

Rated connection further connection

0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5-2/D+	20	1779110000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

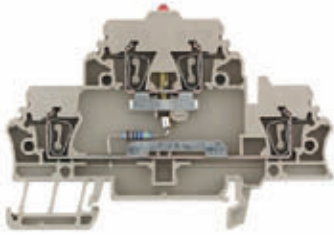
Type	Qty.	Order No.
ZDU 2.5-2/D-	20	1779000000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

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 2.5/20	24	20	1908960000
width [mm]			
ZAP/TW7	2.5	50	1706110000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000

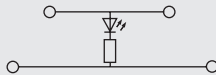
Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/20	24	20	1908960000
width [mm]			
ZAP/TW7	2.5	50	1706110000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000

DEK 5 / WS 14/5

DEK 5 / WS 14/5

ZDK 2.5/LD RT/1**2.5 mm²****LED circuit**

5.1 x 79.1 x 54
/ 2.5
0.05 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24	24	24	
10	10	10	
2.5	AWG 30... 12	AWG 26... 12	
/ 3			
A2 / V-0			



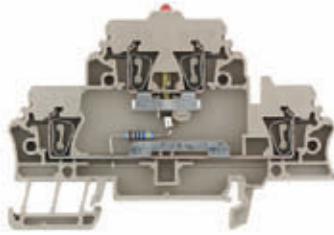
24 / 0

Rated connection further connection

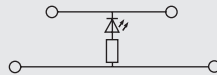
0.5...2.5
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDK 2.5/LD RT/2**2.5 mm²****LED circuit**

5.1 x 79.1 x 54
/ 2.5
0.05 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24	24	24	
10	10	10	
2.5	AWG 30... 12	AWG 26... 12	
/ 3			
A2 / V-0			



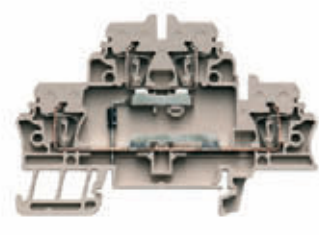
24 / 0

Rated connection further connection

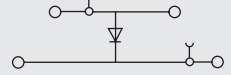
0.5...2.5
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDK 2.5/D/1**2.5 mm²****Diode circuit**

5.1 x 79.1 x 54
/ 2.5
0.05 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	10	10	
2.5	AWG 30... 14	AWG 26... 12	
6 / 3			
A2 / V-0			



1000 / 1

Rated connection further connection

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

10 / 0.6 x 3.5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/LD RT/1	50	1690010000
Current of continuous busbar = 10 A		

Type	Qty.	Order No.
ZDK 2.5/LD RT/2	50	1693940000
Current of continuous busbar = 10 A		

Type	Qty.	Order No.
ZDK 2.5/D/1	50	1690020000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

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 2.5/20	24	20	1908960000
width [mm]			
ZAP/TW ZDK2.5	1.5	20	1674730000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100			
		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

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 2.5/20	24	20	1908960000
width [mm]			
ZAP/TW ZDK2.5	1.5	20	1674730000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100			
		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

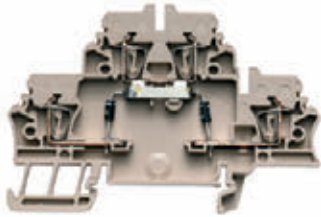
DEK 5 / WS 10/5

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 2.5/20	24	20	1908960000
width [mm]			
ZAP/TW ZDK2.5	1.5	20	1674730000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100			
		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

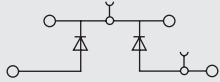
DEK 5 / WS 10/5

ZDK 2.5/D/5**2.5 mm²**

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	10	10	
2.5	AWG 30... 14	AWG 26... 12	
6 / 3			
A2 / V-0			



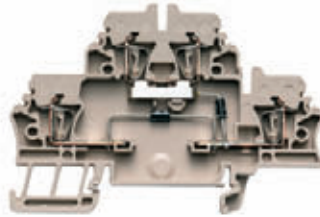
1000 / 1

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

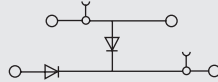
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDK 2.5/D/6**2.5 mm²**

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	10	10	
2.5	AWG 30... 14	AWG 26... 12	
6 / 3			
A2 / V-0			



1000 / 1

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

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/D/5	50	1690050000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

Type	Qty.	Order No.
ZDK 2.5/D/6	50	1690060000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

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 2.5/20	24	20	1908960000
width [mm]			
ZAP/TW ZDK2.5	1.5	20	1674730000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

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 2.5/20	24	20	1908960000
width [mm]			
ZAP/TW ZDK2.5	1.5	20	1674730000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5 / WS 10/5

Terminals with electronic components

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 x length x height with TS 35 x 7.5 mm
 max. current / max. conductor A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fittings	
Diode reverse voltage / Diode current	V / A
voltage LED / current LED / polarity	V / mA / -
Resistor / Varistor	-/V
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / < AWG 20
	for conductors < 1.0 mm ² / < AWG 18

Labelling systems (see large assortment in catalogue 7)
 Marking tags

For detailed information on other accessories and applications see "Accessories"

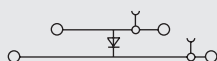
ZDK 4-2/D forward

4 mm²

Diode circuit



6.1 x 77.6 x 61
/ 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	
1	1	1	
4	AWG 26... 10	AWG 26... 10	
		8 / 3	
		A3 / V-0	



1000 / 1

Rated connection further connection

0.5...6 / 4...4

0.5...4 / 0.5...4

10 / 0.6 x 3.5

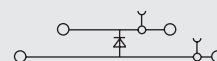
ZDK 4-2/D reverse

4 mm²

Diode circuit



6.1 x 77.6 x 61
/ 6
0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	
1	1	1	
4	AWG 26... 10	AWG 26... 10	
		8 / 3	
		A3 / V-0	



1000 / 1

Rated connection further connection

0.5...6 / 4...4

0.5...4 / 0.5...4

10 / 0.6 x 3.5

Type	Qty.	Order No.
ZDK 4-2/D forward	50	8670520000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

Type	Qty.	Order No.
ZDK 4-2/D reverse	50	8670640000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

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
ZQV 4/20 GE	32	20	1909010000

width [mm]			
ZAP/TW ZDK 4-2	2	50	8670760000
ZEW 35	6	20	9540000000

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

DEK 6

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
ZQV 4/20 GE	32	20	1909010000

width [mm]			
ZAP/TW ZDK 4-2	2	50	8670760000
ZEW 35	6	20	9540000000

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

DEK 6

ZDK 4-2/MOV

4 mm²

Varistor



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

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
140			
1			
4			
	8 / 3		
	A3 / V-0		

140

Rated connection	further connection
0.5...6 / 4...4	
0.5...4 / 0.5...4	
11 / 0.6 x 3.5	

Type	Qty.	Order No.
ZDK4-2/S07 K140	50	8670700000

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
ZQV 4/20 GE	32	20	1909010000
width [mm]			
ZAP/TW ZDK 4-2	2	50	8670760000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.6x3.5x100		1	9008330000

DEK 6

Disconnect test terminals

Terminal for energy 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 x length x height with TS 35 x 7.5	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (disconnecter)	Nm
Stripping length / Blade size	mm / -
Note	

Ordering data

Version	
dark beige Wemid	with socket
	without socket
Note	

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	24-pole
End plate / Partition plate	
dark beige Wemid	End plate
	Partition plate
Testing / Checking	
	Test plug
	Socket, yellow
	Socket, green
	Socket, violet
	Socket, blue
Miscellaneous accessories	
	Lockout device
	Shorting plug, 2-pole
	Shorting plug, 3-pole
	Shorting plug, 4-pole
Marking holder	
Marking systems	
(see large assortment in catalogue 7)	Marking tags
For detailed information on other accessories and applications see "Accessories"	

ZTD 6

6 mm²

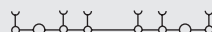
Feed-through terminal



8 x 106 x 47.5

52 / 10

0.5 ... 10



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
800	300	300	
41	33	33	
6	AWG 20... 8	AWG 20... 8	
		8 / 3	
		A5 / V-0	



Rated connection	further connection
0.5...10 / 1.5...6	
0.5...6 / 0.5...6	
13 / 0.8 x 4	

400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTL 6 with screw = 0.5 - 0.6 Nm

ZTL 6

6 mm²

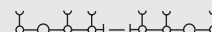
Disconnect test terminal



8 x 106 x 47.5

52 / 10

0.5 ... 10



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
800	300	300	
41	33	33	
6	AWG 20... 8	AWG 20... 8	
		8 / 3	
		A5 / V-0	



Rated connection	further connection
0.5...10 / 1.5...6	
0.5...6 / 0.5...6	
13 / 0.8 x 4	

400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTL 6 with screw = 0.5 - 0.6 Nm

Type	Qty.	Order No.
ZTL 6/STB	20	1771950000
ZTL 6	20	1771800000

Type	Qty.	Order No.
ZTD 6/STB	20	1771960000
ZTD 6	20	1771810000

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

width [mm]	
ZTW ZTL6	2 20 1771870000

Type	Current [A]	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
KSBR/3 ZTL6	20	1771830000
KSBR/4 ZTL6	20	1771840000

Type	Qty.	Order No.
BZT ZTL6	20	1781140000

DEK 8 / WS 12/6,5

Plug-in tag carrier for additional marking tags above the cross-connection channel (BZT ZTL 6)

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

width [mm]	
ZTW ZTL6	2 20 1771870000

Type	Current [A]	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
KSBR/3 ZTL6	20	1771830000
KSBR/4 ZTL6	20	1771840000

Type	Qty.	Order No.
BZT ZTL6	20	1781140000

DEK 8 / WS 12/6,5

Plug-in tag carrier for additional marking tags above the cross-connection channel (BZT ZTL 6)

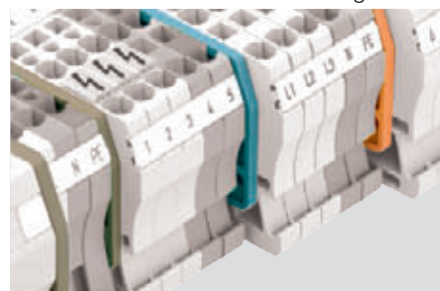
Extra functions

Extra functions

Weidmüller offers the user of Z-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions. All Weidmüller accessories are built to the same high standards as the terminals themselves.

Visual separation

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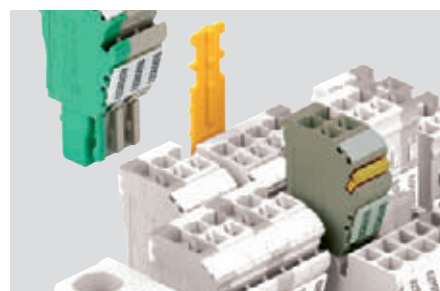


To guarantee “finger-safe” use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

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

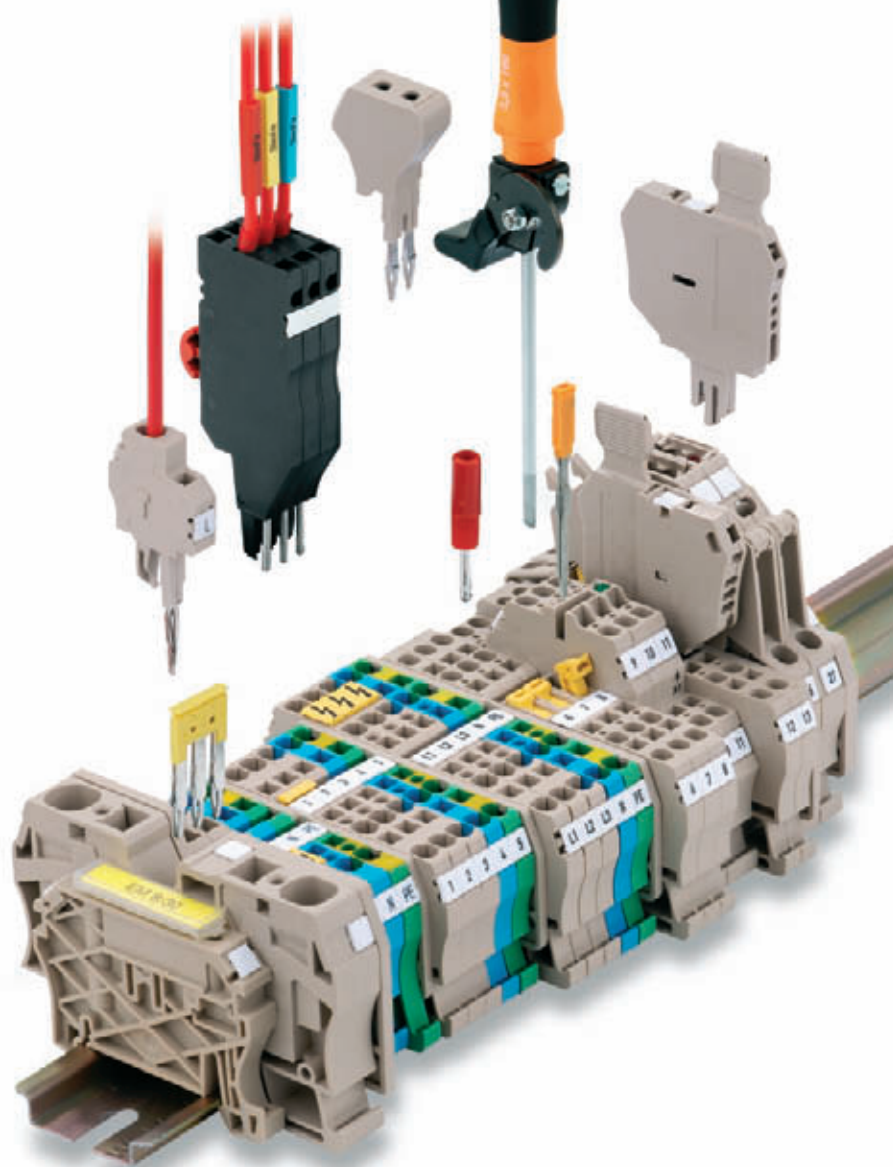
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WeiCoS

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).



Fastening

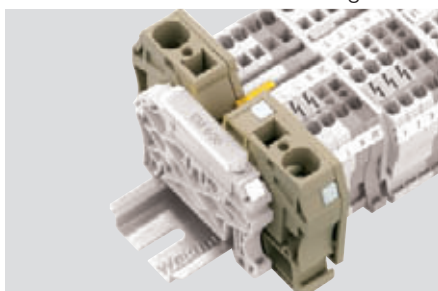
Chapter F



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

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Weidmüller's tension clamp terminals have three supply terminals: **ZEI 16** for standard terminals **ZEI 16-2/1 AN** for Roof-Style 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 D.123

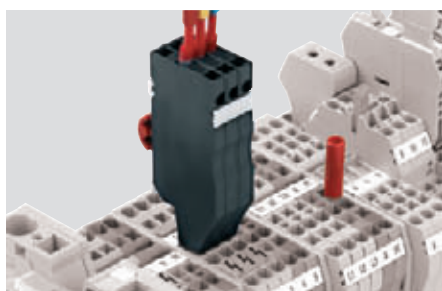


A plug-in **cross-connection system (ZQV)** is available for all Z-Series terminals.

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

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The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in control 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

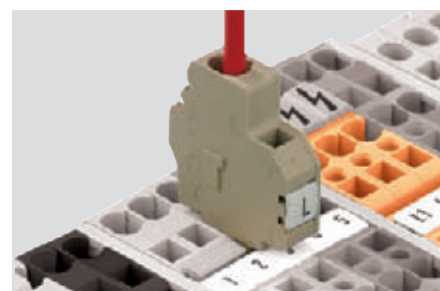
Page D.136



Weidmüller's marking systems in **chapter F** are used to mark tension clamp terminals. Individual terminals, terminal groups and conductors can be marked. The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter F**. As an alternative to screwdrivers, fully insulated operating tools are also available; see page D.136.

Specific functions/colour variations

Page D.137

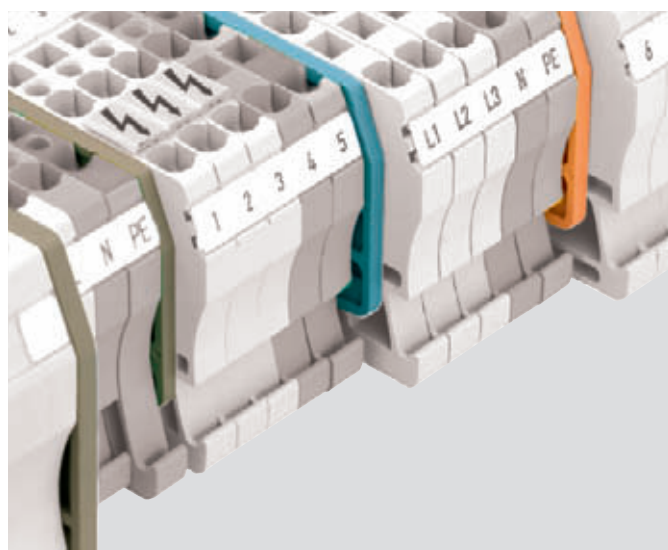


Further helpful accessories are available for terminals using tension clamp technology, such as:

- 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 for fuses
- Reducing sleeves

Accessories – Visual separation

End plates



Shock protection

With only a few exceptions, the final terminal in a terminal assembly must be covered with an end plate of type ZAP/TW. End plates (AP) are also to be inserted in a terminal assembly with different sized terminals. This guarantees shock protection from conducting parts and ensures that the terminals are “finger-safe”.

Visual separation

Coloured end plates are frequently used for visual separation of power circuits in order to prevent wiring errors.

Ensure correct operating voltage

End plates 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 plates correspond to the dimensions of the terminal.

Mounting

The end plate 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	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	ZTR 2.5
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 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	
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 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 GE	yellow	50	1683830000	ZTR 2.5/3 AN...
ZAP/TW 3 GN	green	50	1683840000	ZTR 2.5/4 AN
ZAP/TW 3 GR	grey	50	1683870000	ZSI 2.5...
ZAP/TW 3 RT	red	50	1683820000	ZSI 2.5/5 x 25...
ZAP/TW 3 SW	black	50	1683890000	
ZAP/TW 3 WS	white	50	1683880000	
Width 2 mm				
ZAP/TW ZDK2.5	dark beige	20	1674730000	ZDK 2.5
ZAP/TW ZDK2.5 BL	blue	20	1748800000	ZDK 2.5 V
ZAP/TW ZDK2.5 OR	orange	20	1690080000	ZDK 2.5 N-DU
				ZDK 2.5 DU-PE
				ZDK 2.5 PE
				ZDK 2.5/LD/1
				ZDK 2.5/LD/2
				ZDK 2.5/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	

... 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
ZAP/TW 4 BL	blue	50	1632100000	ZPE 4
ZAP/TW 4 OR	orange	50	1632110000	
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 WS	white	50	1683960000	
Width 2 mm				
ZAP/TW 4/3 AN	dark beige	20	7904100000	ZDU 4/3 AN
ZAP/TW 4/3 AN BL	blue	20	7904110000	ZPE 4/3 AN
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
ZAP/TW 4/4 AN BL	blue	20	7904220000	ZPE 4/4 AN
ZAP/TW 4/4 AN OR	orange	20	7904230000	
Width 2 mm				
ZAP/TW 5	dark beige	50	1608830000	ZDU 6
ZAP/TW 5 BL	blue	50	1608840000	ZPE 6
ZAP/TW 5 OR	orange	50	1608850000	
Width 2 mm				
ZAP/TW 6/3 AN	dark beige	20	7907370000	ZDU 6/3 AN
ZAP/TW 6/3 AN BL	blue	20	7907380000	ZPE 6/3 AN
ZAP/TW 6/3 AN OR	orange	20	7907390000	
Width 2.7 mm				
ZAP/TW ZDU 10	dark beige	20	1748660000	ZDU 10
ZAP/TW ZDU 10 BL	blue	20	1764110000	ZPE 10
ZAP/TW ZDU 10 OR	orange	20	1748670000	
Width 2.7 mm				
ZAP/TW 10/16	dark beige	20	1749580000	ZDU 10/3 AN
ZAP/TW 10/16 BL	blue	20	1768520000	ZDU 16/3 AN
ZAP/TW 10/16 OR	orange	20	1749590000	ZPE 10/3 AN
Width 2.7 mm				
ZAP/TW ZDU16	dark beige	20	1745150000	ZDU 16
ZAP/TW ZDU16 BL	blue	20	1764100000	ZPE 16
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
ZAP/TW7 BL	blue	50	1706120000	ZDU 2.5-2/3 AN
ZAP/TW7 OR	orange	50	1706130000	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
Width 2 mm				
ZAP/TW ZDK 2.5-2	dark beige	20	1791050000	ZDK 2.5-2
ZAP/TW ZDK 2.5-2 BL	blue	20	1791060000	ZDK 2.5-2 PE
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
ZAP ZDU 4-2 BL	blue	50	1770880000	ZDU 4-2/3 AN
ZAP ZDU 4-2 OR	orange	50	1770890000	ZPE 4-2 ZPE 4-2/3 AN
Width 2 mm				
ZAP ZDU 4-2/4 AN	dark beige	50	1807010000	ZDU 4-2/4 AN
ZAP ZDU 4-2/4 AN BL	blue	50	1807020000	ZPE 4-2/4 AN
ZAP ZDU 4-2/4 AN OR	orange	50	1807030000	
Width 2 mm				
ZAP ZDU 6-2	dark beige	50	1771440000	ZDU 6-2
ZAP ZDU 6-2 BL	blue	50	1771450000	ZDU 6-2/3 AN
ZAP ZDU 6-2 OR	orange	50	1771460000	ZPE 6-2
ZAP ZDU 6-2 SW	black	50	1814710000	ZPE 6-2/3 AN ZSI 2.5/2 x 2 AN ZSI 6-2 ZSI 6-2/ FC
Width 1.8 mm				
ZAP/ZDU 16-2/1AN	dark beige	20	1772970000	ZPE 16-2/1 AN

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 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 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

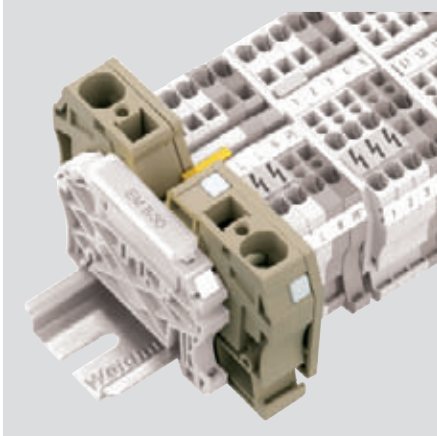
... for WeiCoS pluggable terminals

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 ZTC 2.5/4 AN/4 ZTCPE 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
ZAP/TW ZTTR 2.5	dark beige	50	1865520000	ZTTR 2.5/2AN/1

... 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

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-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

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



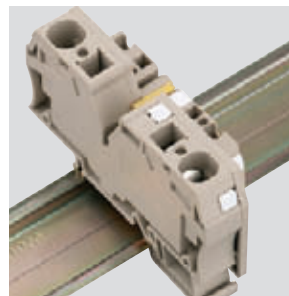
Output possible on left and right



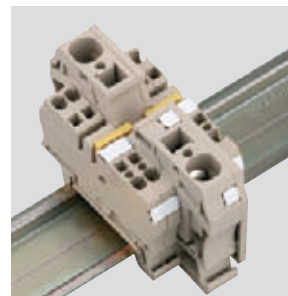
Output options and corresponding cross-connections

Supply terminals	Output terminals	Cross-connection	Supply left	Supply right
ZEI 16	ZDU 2.5	ZQV 2.5/...	•	•
	ZDU 2.5/4AN	ZQV 2.5/...	•	•
	ZDU 4	ZQV 4/...	•	•
	ZDU 4/3AN	ZQV 4/...	•	• 1)
	ZDU 4/4AN	ZQV 4/...	•	• 1)
	ZDU 6	ZQV 6/...	•	•
	ZDU 6/3AN	ZQV 6/...	•	• 1)
	ZTR 2.5	ZQV 2.5/...	• 2)	• 2)
	ZTR 2.5/3AN	ZQV 2.5/...	• 2)	• 2)
	ZTR 2.5/4AN	ZQV 2.5/...	•	•
Supply terminals	Output terminals	Cross-connection	Supply left	Supply right
ZEI 6	ZDU 1.5	ZQV 1.5/...	•	•
	ZDU 1.5/3AN	ZQV 1.5/...	•	•
	ZDU 1.5/4AN	ZQV 1.5/...	•	• 1)

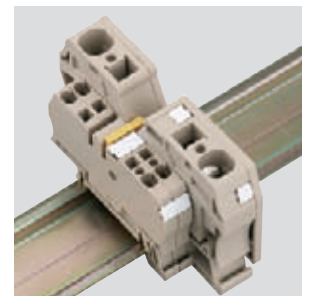
1) with IEPL 2) with QVAR



$$I_{\max} = \sum I_n \text{ (left)}$$



$$I_{\max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{\max} = \sum I_n \text{ (right)}$$

Ordering data

Type	Colour	Qty	Order No.
ZEI 16	dark beige	20	1745350000
ZEI 16 BL	blue	20	1766240000
IEPL	dark beige	20	1859570000*
QVAR	dark beige	20	1836370000*

* Notes for application see page C.45

Maximum possible current $I_{\max}$

Supply terminals	Cross-connection	Supply conductor cross-section area	Supply left or right	Supply middle
ZDU 2.5	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 2.5/4AN	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

Supply with standard terminals

According to IEC 60204-1 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 output fuse must be routed to make it “short-circuit proof”.

Supply on the left



Supply on the right

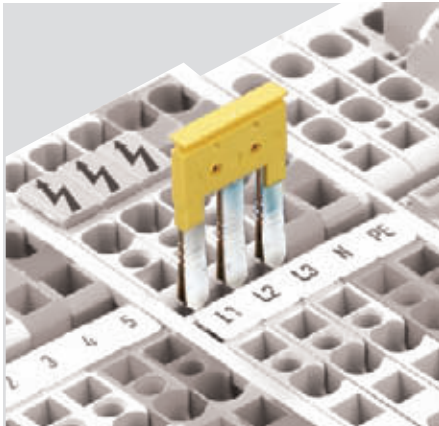


Supply options and corresponding cross-connections

		on the right									
Supply terminals	Output terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN		ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
		on the left									
ZDU 4		•	• 2)	•	•	•	•		• 2)	• 2	•
ZDU 4/3AN		• 1)	• 2)	• 1)		•			• 2)	• 2	•
ZDU 4/4AN		• 1)	• 2)	• 1)			•		• 2)	• 2	• 1)
ZDU 6		•	• 2)	•	•	•	•		• 2)	• 2	•
ZDU 6/3AN		• 1)		• 1)							• 1)
		on the left									
Supply terminals	Output terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN		ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
		on the right									
ZDU 4		•	• 2)	• 1)	•				• 2)	• 2)	• 1)
ZDU 4/3AN		•	• 2)	• 1)	•	•			• 2)	• 2)	• 1)
ZDU 4/4AN		•	• 2)	• 1)	•	•	•		• 2)	• 2)	• 1)
ZDU 6		•	• 2)	• 1)	•				• 2)	• 2)	• 1)
ZDU 6/3AN		•	• 2)	• 1)	•	•			• 2)	• 2)	•

- 1) with IEPL
- 2) with QVAR

Plug-in cross-connection ZQV



The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV 2.5/20 – continuous (20-pole)
- **ZQV 4** as 2- to 10-pole combs and ZQV4/20 – continuous (20-pole)
- **ZQV 6** as 2- to 4-pole combs and ZQV6/32 – continuous (24-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/20 – continuous (20-pole)

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections (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).

Breaking out contact elements

Breaking out one or more (max. 60%) contact elements from cross-connections enables certain terminals to be bypassed to suit the application.

Fitting and changing cross-connection

The fitting and changing of cross-connections is a trouble-free and fast operation:

- Insert the cross-connection into the cross-conn. channel in the terminal...

...and press it fully home.

(The cross-connection may not project from the channel.)

- Remove a cross-connection by simply prising it out with a screwdriver.

Shortening cross-connections

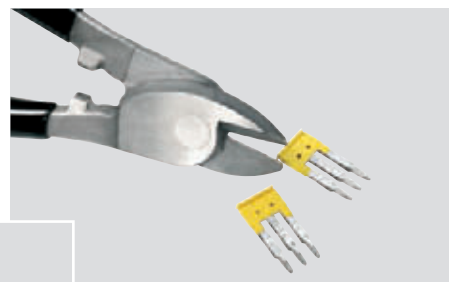
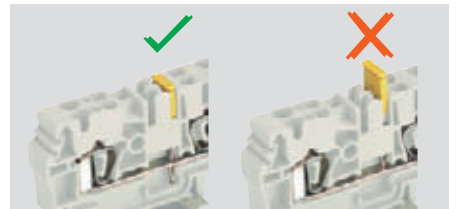
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order No. 900217). However, three contact elements must always be retained.

Caution:

Contact elements must not be deformed!

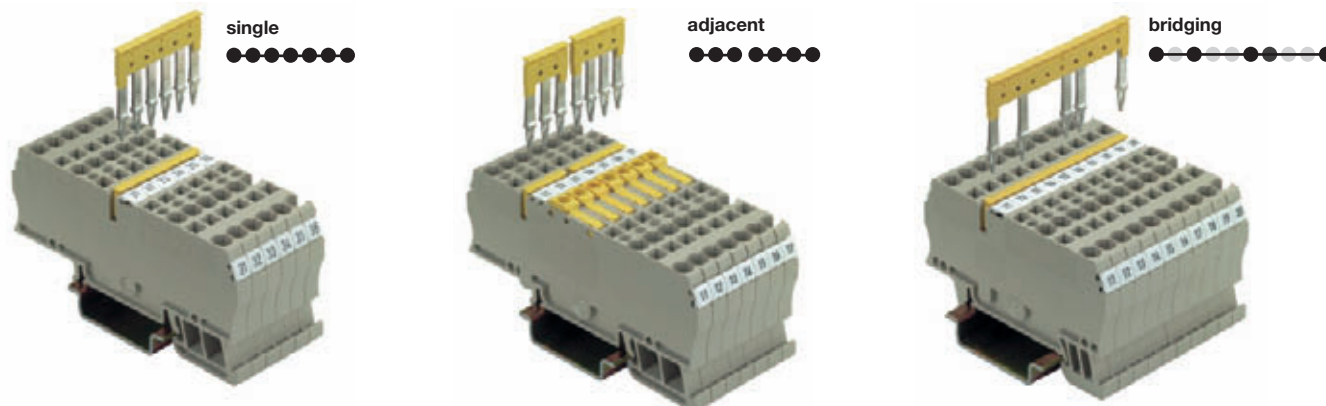


If a cross-connection is shortened, end plates or partition plates (ZAP/TW) must be used to maintain the rated voltage of 250 V (fitted to the bare cut edges of the cross-connection).



Possible combinations

In one cross-connection channel



In two cross-connection channels

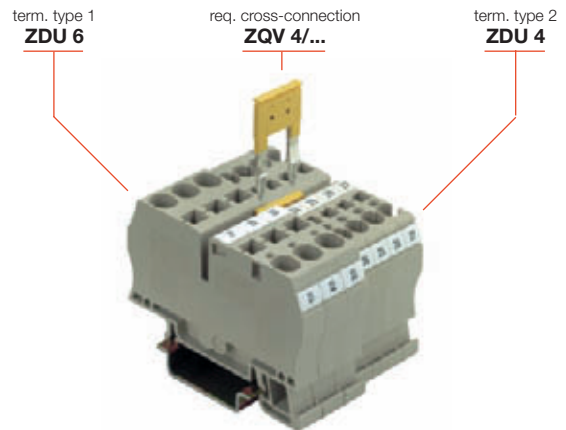
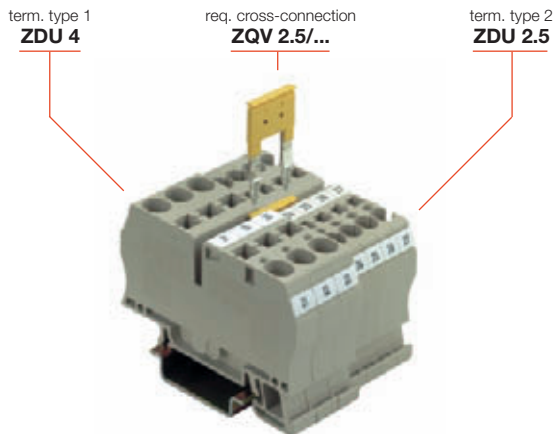


Possible cross-connections of terminals of the same type with corresponding cross-connections

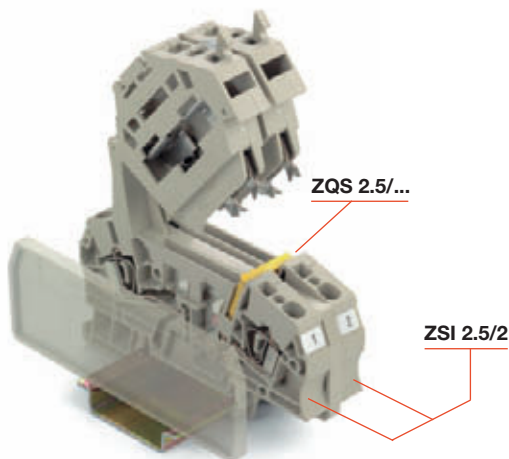
Terminal type	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals							
ZDU 2.5	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 3 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5 / 4 AN	ZQV 2.5/...	•	•	•			
ZTR 2.5 ...	ZQV 2.5/...	•	•	•			
ZSI 2.5 ...	ZQV 2.5/...	•	•	•			
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/...			•			

Alternative cross-connections available

Terminals with different rated cross-section



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.



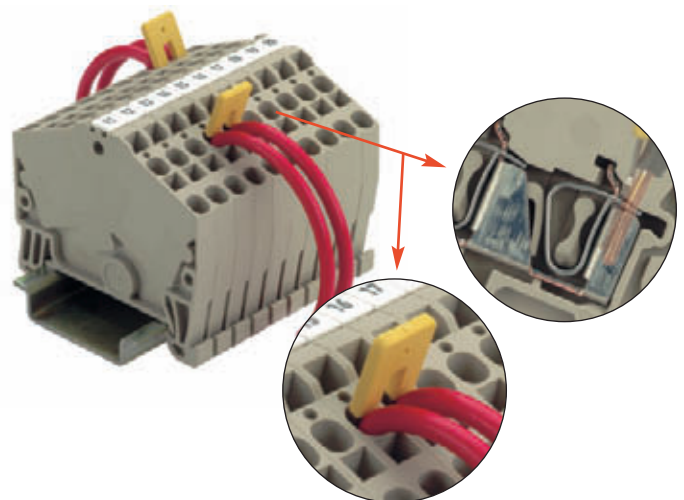
Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

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 provide 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 is reduced to 1.5 mm² “e” and “f” as a result of using ZWB 2.5.



Accessories – Electrical supply

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 20-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 20-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 plate must always be fitted to neighbouring ZQVs with bare cut edges. With the ZDU 2.5 and WDU 2.5 it is sufficient to fit the ZQV in the offset position. The rated voltage is 400 V.

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-Style 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 2.5/20	10	1908960000

For standard terminal	For Roof-Style terminal
ZDU 2.5...	ZDU 2.5-2...
ZDK 2.5...	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
ZQV 4/20	20	1909010000

For standard terminal	For Roof-Style 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-Style 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-Style 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-Style terminal
ZDU 16	ZDU 16 S
ZPE 16	ZPE 16 S
ZDU 35	
ZPE 35	

ZQV 6

Type	Qty	Order No.
ZQV 6/2	60	1627850000
ZQV 6/3	60	1627860000
ZQV 6/4	60	1627870000
ZQV 6/24	20	1908990000

For standard terminal	For Roof-Style terminal
ZDU 6...	ZDU 6-2...
ZDK 6/S...	ZDU 6 S
ZTL 6...	ZNT 6 S
ZEI 16	ZEI 16-2/1 AN

ZQV 10/2

Type	Qty	Order No.
ZQV 10/2	25	1739680000

For standard terminal	For Roof-Style terminal
ZDU 10...	ZDU 10 S
ZDU 10 NT	ZNT 10 S

ZQV 16/2

Type	Qty	Order No.
ZQV 16/2	25	1739690000

For standard terminal	For Roof-Style terminal
ZDU 16	ZDU 16 S
ZPE 16	ZPE 16 S
	ZNT 16 S

ZQV 35/2

Type	Qty	Order No.
ZQV 35/2	10	1739700000

For standard terminal	For Roof-Style terminal
ZDU 35	
ZPE 35	
ZNT 35/S	

ZQV 2.5N

Compact design



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/20	10	1909000000

For standard terminal	For Roof-Style terminal
ZT 2.5...	ZDUA 2.5-2...
ZDT 2.5...	ZDUA 2.5-2N...
ZP 2.5...	ZDL 2.5...
ZITQ 2.5...	ZDL 2.5S
ZTC...	

ZQB 2.5

Cross-connection bridge



Type	Qty	Order No.
ZQB 2.5-2	50	1677120000

For standard terminal	For Roof-Style terminal
	ZDUB 2.5-2/4 AN
	ZDU 2.5-2/4 AN

The ZQB 2.5 cross-connection bridge is used for connecting terminals without a separate cross-connection channel. The terminal points are opened using the ZBW 2 operating tool (order no. 165067000).

ZQS 2.5

Fuse cross-connection



Type	Qty	Order No.
ZQS 2.5/2	20	1633200000
ZQS 2.5/3	20	1633210000
ZQS 2.5/4	20	1633220000
ZQS 2.5/5	20	1633230000

For standard terminal	For Roof-Style terminal
ZSI 2.5/2...	

ZVQ 2.5/1.5

Vertical connector



Type	Qty	Order No.
ZVQ 2.5/1.5	50	1720700000

For standard terminal	For Roof-Style terminal
ZDK 2.5...	ZDLD 2.5-2...
ZDT 2.5/2	

Accessories – WeiCoS pluggable modular terminals

WeiCoS – single slice elements

Single slice elements for self-assembly

The WeiCoS single slice elements from Weidmüller enhance flexibility by providing a solution for almost every application. The plug-in connectors are piped together to offer a compact modular solution directly in situ to suit the particular application. These single slices are available in green (GN) and beige (BE).

Single slice element ZP plug



Ordering data

Type	Qty	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN GN	50	1875180000
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA GN	50	1875200000

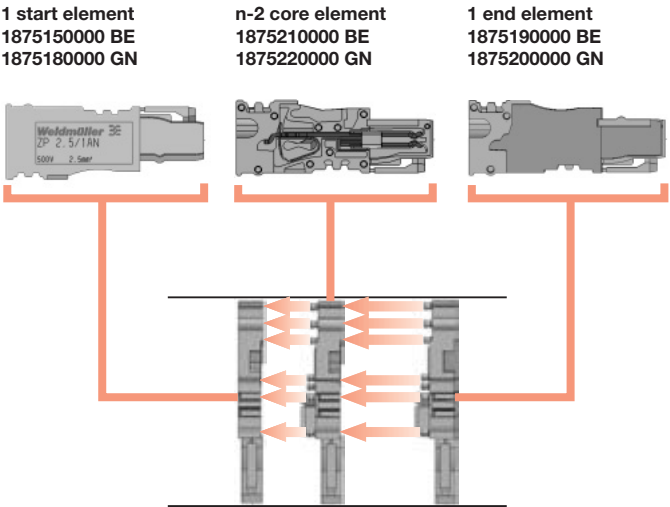
Single slice element ZPS coupling



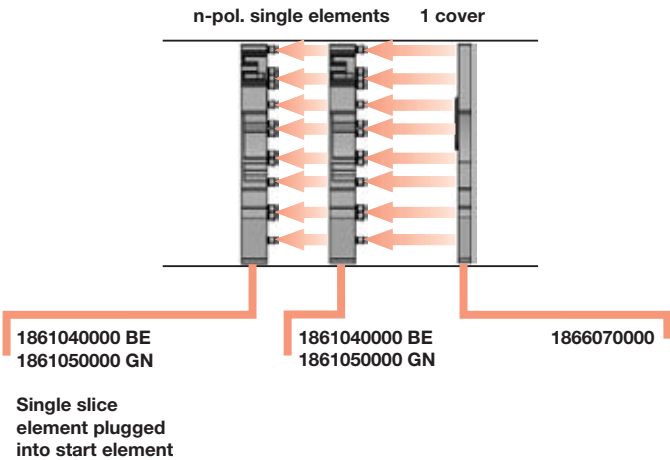
Ordering data

Type	Qty	Order No.
GHDE ZPS 2.5/1AN	50	1866070000
ZPS 2.5/1AN/QV/1GN	50	1861050000
ZPS 2.5/1AN/QV	50	1861040000

Construction of plug:



Construction of coupling:

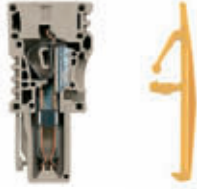


Accessories – WeiCoS pluggable modular terminals

Plug accessories

WeiCoS 2.5 mm²

Locking element ZVR ZP 2.5



Type	Qty	Order No.
ZVR ZP 2.5	25	1816130000

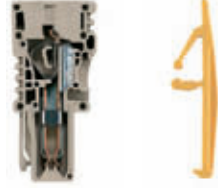
Locking element ZVR ZP 2.5 in conjunction with separate coupling



Type	Qty	Order No.
ZVR ZPS 2.5	20	1878620000

WeiCoS 4 mm²

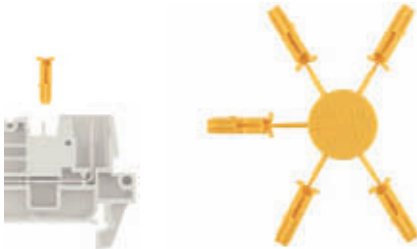
Locking element ZVR ZP 4



Type	Qty	Order No.
ZVR ZP 4	25	1855250000

D

Coding element KOSF ZT 2.5



Type	Qty	Order No.
KOSF ZT 2.5	50	1816150000

Protective cover



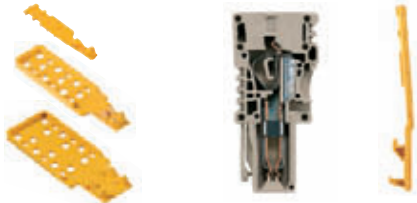
Type	Qty	Order No.
ZAD ZT / ZPS 2.5	50	1861030000

Coding element KOSF ZT 4



Type	Qty	Order No.
KOSF ZT 4	50	1856860000

Strain relief ZZE ZP 2.5



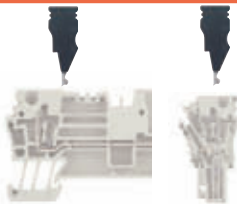
Type	Qty	Order No.
ZZE ZP 2.5 – 1-pole	25	1816140000
ZZE ZP 2.5/4 – 4-pole	25	1866220000
ZZE ZP 2.5/8 – 8-pole	25	1866230000

Strain relief ZZE ZP 4



Type	Qty	Order No.
ZZE ZP 4	25	1855260000

Test adapter



Type	Qty	Order No.
ZTA ZT 2.5 (without spigot)	25	1827080000
ZTA ZT 2.5 (with spigot)	25	1847600000

1 x 1827080000 and (n-1) x 1847600000 are required for setting up n-pole blocks.

Fixing set



Type	Qty	Order No.
ZT2/1AN FX-Set	20	1859750000
ZT4/2AN FX-Set	20	1859740000

Contents ZT2/1AN FX-Set:

20 fixing blocks with nuts
20 fixing brackets
20 M3 screws

Contents ZT4/2AN FX-Set:

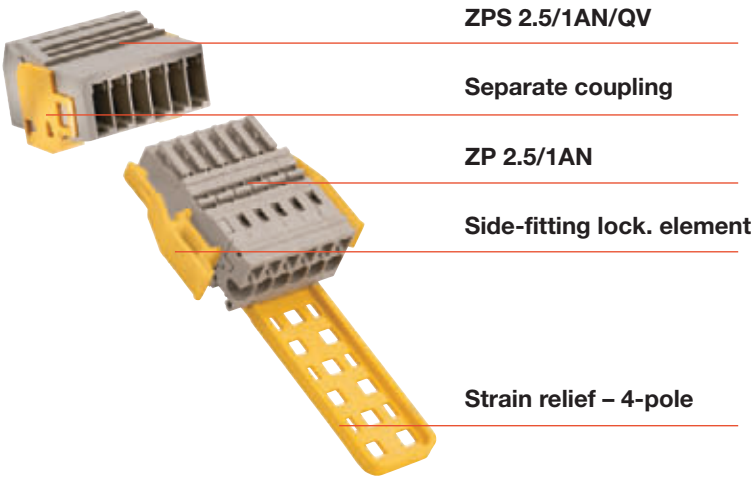
20 fixing blocks with nuts
40 fixing brackets
40 M3 screws

Mounting set – separate coupling

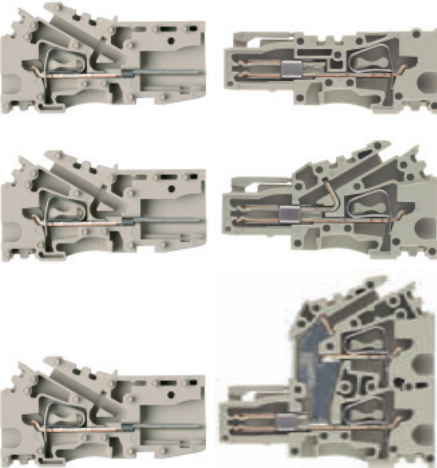
Modern industry without modularity in the individual applications would be unthinkable

Coupled with high temperature and vibration demands, modularity requires the use of specially tested products. Wherever functional units are pre-assembled or have to be quickly separated, flexible systems are high on the agenda. The WeiCoS separate coupling represents a further extension to the Weidmüller modular concept. The WeiCoS separate coupling is the ideal solution for wiring without “heavyweight” enclosures.

The modular WeiCoS separate coupling concept from Weidmüller represents a compact alternative to the through-panel plug-in connector or signal and lighting distribution terminals. Together with the pluggable modular terminals from the WeiCoS range, they form an ideal combination for creating flexible functional units.



Separate coupling – 3 plugs, 1 line



D

Separate coupling



Type	Qty	Order No.
ZVLA1 ZPS 2.5	20	1866250000

Side-fitting locking element



Type	Qty	Order No.
ZVR ZPS 2.5	20	1878620000

ZP 2.5/1AN



Type	Qty	Order No.
ZP 2.5/1AN/6	25	1815520000

Strain relief – 4-pole



Type	Qty	Order No.
ZZE ZP 2.5 – 1-pole	25	1816140000
ZZE ZP 2.5/4 – 4-pole	25	1866220000
ZZE ZP 2.5/8 – 8-pole	25	1866230000

Alternative to the side-fitting locking element, the central locking element



Type	Qty	Order No.
ZVR ZP 2.5	20	1816130000

ZPS 2.5/1AN/QV



Type	Qty	Order No.
ZPS 2.5/1AN/QV 6	25	1865940000

Mounting set – coupling

The new options

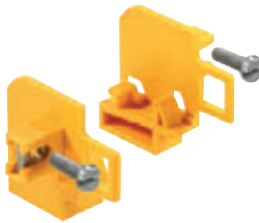
Although a separate coupling is very useful (enabling a connection to be disconnected at any point), users not always want them to be quite so readily separable.

Therefore, we have devised the following fixing variations for separate couplings:

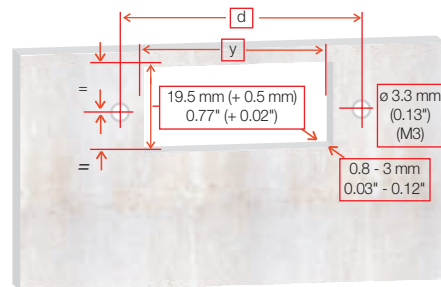
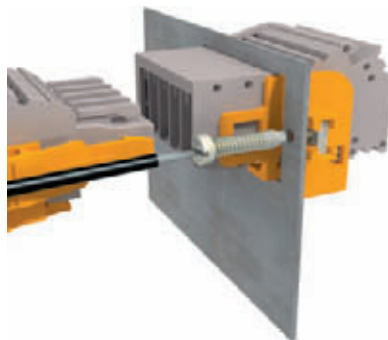
- Screws for fixing to a mounting plate or enclosure wall.
- Clips for fixing to a mounting plate or enclosure wall (in this version every pole can be provided with a clip if required).
- Clips for direct fixing to a terminal rail (TS 15 or TS 35).

And the special highlight is that coupling blocks can be supplied already fitted with the fixings you require. See page D.90 for details of pre-assembled coupling blocks.

Screwed through-wall fixing



Type	Qty	Order No.
ZVLA DF ZPS2.5	20	1878600000



$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

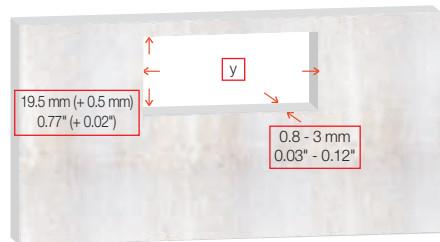
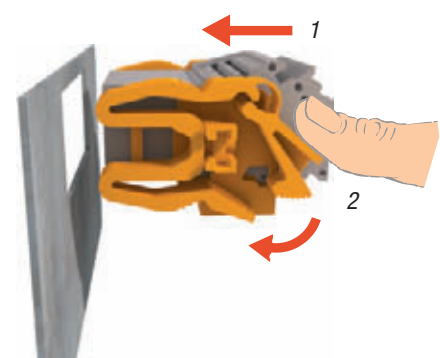
$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$

n-pole	y	d		
	mm	inch(")	mm	inch(")
2-pole	15.7	0.62	23.7	0.93
3-pole	20.8	0.82	28.8	1.13
4-pole	25.9	1.02	33.9	1.33
5-pole	31.0	1.22	38.9	1.53
6-pole	36.1	1.42	44.1	1.74
7-pole	41.2	1.62	49.2	1.94
8-pole	46.3	1.82	54.3	2.14
9-pole	51.4	2.02	59.4	2.34
10-pole	56.5	2.22	64.5	2.55
11-pole	61.6	2.43	69.6	2.74
12-pole	66.7	2.63	74.7	2.94
13-pole	71.8	2.83	79.8	3.14
14-pole	76.9	3.03	84.9	3.34
15-pole	82.0	3.23	90.0	3.54
16-pole	87.1	3.43	95.1	3.74

Clipped through-wall fixing



Type	Qty	Order No.
ZVLA DF CL ZPS2.5	20	1878610000



$$y = n \times 5.1 \text{ mm} + 17.5 \text{ mm}$$

$$y = n \times 0.25" + 0.69"$$

n-pole	y	
	mm	inch(")
2-pole	27.7 mm	1.09"
3-pole	32.8 mm	1.29"
4-pole	37.9 mm	1.49"
5-pole	43.0 mm	1.69"
6-pole	48.1 mm	1.89"
7-pole	53.2 mm	2.09"
8-pole	58.3 mm	2.29"
9-pole	63.4 mm	2.49"
10-pole	68.5 mm	2.69"
11-pole	73.6 mm	2.90"
12-pole	78.7 mm	3.10"
13-pole	83.8 mm	3.30"
14-pole	88.9 mm	3.50"
15-pole	94.0 mm	3.70"
16-pole	99.1 mm	3.90"

Direct mounting – screwed



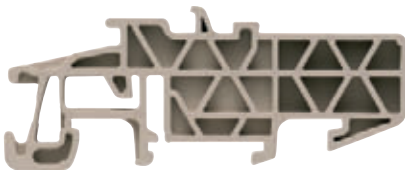
Type	Qty	Order No.
ZVLA SC ZPS 2.5	20	1866240000

Direct mounting – clipped



Type	Qty	Order No.
ZVLA RC ZPS 2.5	20	1866260000

on terminal rail



Type	Qty	Order No.
MOFU 15/35 ZPS 2.5	25	1899170000



Type	Qty	Order No.
BA RC ZPS 2.5	100	1908560000

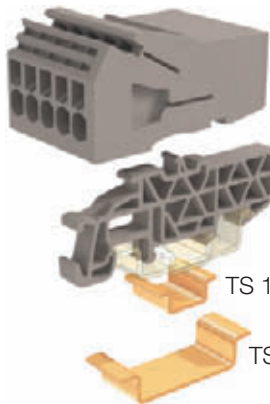


Plug support prevents buckling of the connection

Type	Qty	Order No.
BA ZPS 2.5	100	1908550000

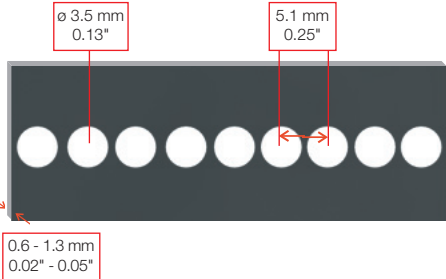
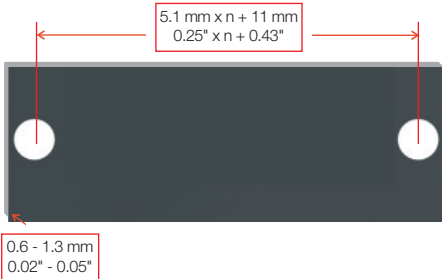
Plug support prevents buckling of the connection

Type	Qty	Order No.
BA ZPS 2.5	100	1908550000

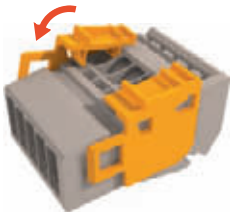


TS 15

TS 35



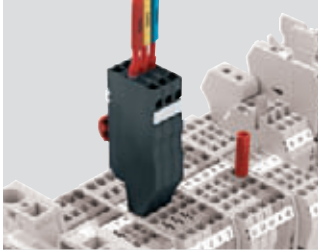
WeiCoS



Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

Accessories – Testing

Test adapter



The ZTA slot-in test adapter is used as both a single unit and a test adapter strip for measurements.

Conductors with cross-sectional areas ranging from 0.5 mm² to 1.5 mm² can be clamped. The test adapter is simply slotted into the terminal, creating secure contact with the current carrying busbar. This connection is released again by simply pressing the release button.

Dimensions	
Height (with TS 35 x 7.5)	mm
Length	mm
Modular width	mm
Stripping length	mm
Rated voltage / current / cross-section	
to IEC 60 947-7-1	
Clamping conductor	
Solid H 07V-U	mm ²
Flexible H 07V-K	mm ²
Flexible with AEH (DIN 46228/1)	mm ²
Ordering data	
1-pole	
with locking spigot	
Marking tags	

ZTA 1

For clamping width 5.1 mm



Dimensions	
Height (with TS 35 x 7.5)	mm
Length	mm
Modular width	mm
Stripping length	mm
Rated voltage / current / cross-section	
to IEC 60 947-7-1	
250 V / 9.0 A / 1.5 mm ²	
Clamping conductor	
Solid H 07V-U	mm ²
Flexible H 07V-K	mm ²
Flexible with AEH (DIN 46228/1)	mm ²
Ordering data	
1-pole	
with locking spigot	
Marking tags	

ZTA 2

For clamping width 6.1 mm



Dimensions	
Height (with TS 35 x 7.5)	mm
Length	mm
Modular width	mm
Stripping length	mm
Rated voltage / current / cross-section	
to IEC 60 947-7-1	
250 V / 9 A / 1.5 mm ²	
Clamping conductor	
Solid H 07V-U	mm ²
Flexible H 07V-K	mm ²
Flexible with AEH (DIN 46228/1)	mm ²
Ordering data	
1-pole	
with locking spigot	
Marking tags	

ZTA 5

For clamping width 3.5 mm



Dimensions	
Height (with TS 35 x 73.5)	mm
Length	mm
Modular width	mm
Stripping length	mm
Rated voltage / current / cross-section	
to IEC 60 947-7-1	
Clamping conductor	
Solid H 07V-U	mm ²
Flexible H 07V-K	mm ²
Flexible with AEH (DIN 46228/1)	mm ²
Ordering data	
1-pole	
with locking spigot	
Marking tags	

Dimensions	
Height (with TS 35 x 73.5)	mm
Length	mm
Modular width	mm
Stripping length	mm
Rated voltage / current / cross-section	
to IEC 60 947-7-1	
200 V / 13.5 A / 1.0 mm ²	
Clamping conductor	
Solid H 07V-U	mm ²
Flexible H 07V-K	mm ²
Flexible with AEH (DIN 46228/1)	mm ²
Ordering data	
1-pole	
with locking spigot	
Marking tags	

ZTA 6

For clamping width 6.1 mm



Dimensions	
Height (with TS 35 x 73.5)	mm
Length	mm
Modular width	mm
Stripping length	mm
Rated voltage / current / cross-section	
to IEC 60 947-7-1	
250 V / 17.5 A / 1.5 mm ²	
Clamping conductor	
Solid H 07V-U	mm ²
Flexible H 07V-K	mm ²
Flexible with AEH (DIN 46228/1)	mm ²
Ordering data	
1-pole	
with locking spigot	
Marking tags	

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 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 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...	ZDU 2.5-2...
ZTR 2.5/4 AN...	ZDK 2.5-2...
	ZDKPE 2.5-2
	ZTR 2.5-2...

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 test 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...
ZTTR 2.5/2AN/1

PS 2.3

Plug diameter 2.3 mm



Type	Qty	Order No.
PS 2.3 OR	20	0180400000

For terminals:

ZDU/ZPE 2.5/...
ZDU/ZPE 4/...
ZDU/ZPE 10/...
ZDU/ZPE 18/...
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...
ZTTR 2.5/2AN/1

Accessories – Marking and connecting

Marking / covering



The VDE regulations stipulate that mains connection terminals have to 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 tag carrier **BTZ** 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 operating tool enhances safety when working on "live" systems actually in use. This is however not a recommended practise.

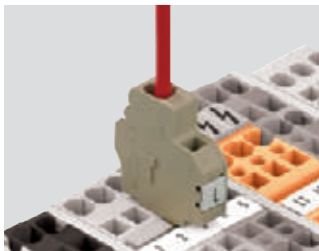
ZAD / BZT

Type	Qty	Order No.	For standard terminal	For Roof-Style terminal
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 terminal	For Roof-Style terminal
Terminal width 3.5 mm					
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...	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

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 pack 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 terminal	For Roof-Style terminal
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 terminal	For Roof-Style terminal
ZDK 2.5...	ZDLD 2.5-2...
ZDK 2.5 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 terminal	For Roof-Style terminal
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 terminal	For Roof-Style terminal
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 terminal	For Roof-Style terminal
ZDU 4/...	
ZPE 4/...	

Accessories – other functions and colours

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.

Component plug



The component plug is designed to take electronic components.

As required, the self-locking ZBS 1 can be plugged onto two tension clamp terminals (ZDK 2.5) 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. ZBS 1 closed e.g. to accommodate a temperature compensation module
2. ZBS 1 with 2 openings $\varnothing$ 3 mm e.g. to take LEDs.

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.

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.

D



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 impulse withstand 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

ZBS 1

Dimensions	
Height	48.0 mm
Length	22.3 mm
Width	10.0 mm
Rating data	
Rated voltage	250 V
with LED	30 V
Rated impulse withstand 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

ZST

Dimensions	
Height	27.5 mm
Length	61.1 mm
Width	10.0 mm

Type	Qty	Order No.
ZST	50	1678680000

ZDUS

Dimensions	
Height	33.5 mm
Length	83.5 mm
Width	4.8 mm

Type	Qty	Order No.
ZDUS	20	1676640000

SIHA fuse holder



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
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss 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



1. Open fuse holder with fingers or screwdriver



2. Press out old fuse



3. Position new fuse



4. Press fuse holder together again.

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
ZTR 2.5...
ZTR 2.5-2

SIHA STRAP



	Qty	Order No.
with strap		
SIHA STRAP		
	20	9537680000

Connector for "retro-fit" assembly

- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either on the left or on the right

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

For terminal type

ZSI 2.5
ZSI 6-2 2 x 2.5/G20...
ZSI 2.5 2 x 2 AN/G20...



Technical data / Ordering data

G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI ¹⁾)						
Size (mm)	Nom. voltage (V)	Nom. current (A)	Type	Qty	Order No.	
5 x 20 breaking capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)	250	0.1	(F)	G 20/0.10A/F	10	0430300000
		0.2	(F)	G 20/0.20A/F	10	0430400000
		0.25	(F)	G 20/0.25A/F	10	0430500000
		0.5	(F)	G 20/0.50A/F	10	0430600000
		0.63	(F)	G 20/0.63A/F	10	0439000000
		1.0	(F)	G 20/1.00A/F	10	0430700000
		1.6	(F)	G 20/1.60A/F	10	0430800000
		2.0	(F)	G 20/2.00A/F	10	0430900000
		2.5	(F)	G 20/2.50A/F	10	0431000000
		3.15	(F)	G 20/3.15A/F	10	0431100000
		4.0	(F)	G 20/4.00A/F	10	0431200000
		5.0	(F)	G 20/5.00A/F	10	0431300000
		6.3	(F)	G 20/6.30A/F	10	0431400000
		(M) = medium-blow (F) = fast-blow				

ZSI 2.5/ 5 x 25
ZSI 6-2 2 x 2.5/G25...
ZSI 2.5 2 x 2 AN/G25...



G-type cartridge fuses 5 x 25 with indicators to DIN 41576 ¹⁾)						
5 x 25 w. ind. ¹⁾ breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1)	250	0.25	(M)	G 25/0.25A/M	10	0546900000
		0.5	(M)	G 25/0.50A/M	10	0510300000
		0.8	(M)	G 25/0.80A/M	10	0646400000
		1	(M)	G 25/1.00A/M	10	0265800000
		10	(M) ²⁾	G 25/10.0A/M	10	0193100000
		2	(F)	G 25/2.00A/F	10	0192700000
		4	(F)	G 25/4.00A/F	10	0192800000
		6.3	(F)	G 25/6.30A/F	10	0192900000
		(M) = medium-blow (F) = fast-blow				

ZSI 2.5/2



Cartridge fuses 1 1/4" x 1/4" without indicators to BS 88						
33 kA break. cap., 33 kA fast-blow	440	E 0.5 A	0.5	GZ 0.5A/F	10	0533800000
		E 1 A	1	GZ 1.0A/F	10	0525500000
		E 2 A	2	GZ 2.0A	10	0294500000
		E 3 A	3	GZ 3.0A	10	0295700000
		E 5 A	5	GZ 5.0A	10	0294600000
		E 7 A	7	GZ 7.0A	10	0295800000
		E 10 A	10	GZ 10.0A	10	0293900000
			12.5	GZ 12.5A FF	10	0245400000
		(F) = fast-blow (M) = medium-blow				

Note: ¹⁾ The SIBA company also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V shipbuilding applications.

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

for terminal type
ZS/6-2/ FC...



Technical data / Ordering data

Blade fuses to DIN 72581-3C Nom. voltage (V)	Average voltage drop (mV)	Nom. current (A)	Type	Qty	Order No.
250	300	0,5*	C 0.5 A/32 V BL	100	1814720000
	130	1	C 1 A/32 SW	100	1814730000
	120	2	C 2 A/32 V GR	100	1814740000
	100	3	C 3 A/32 V VI	100	1814750000
	100	4	C 4 A/32 V RS	100	1814760000
	120	5	C 5 A/32 V HBR	100	1814770000
	112	7,5	C 7.5 A/32 V BR	100	1814780000
	85	10	C 10 A/32 V RT	100	1814790000
	85	15	C 15 A/32 V HBL	100	1814800000
	80	20	C 20 A/32 V GE	100	1814810000
	82	25	C 25 A/32 V NA/WS	100	1814820000
	77	30	C 30 A/32 V HGN	100	1814830000
	84	35*	C 35 A/32 V GN	100	1814840000
	80	40*	C 40 A/32 V OR	100	1814850000

Notes:

- According to DIN 72581-3C a blade fuse may only be operated with 80% I_N as a continuous load.
- Use fuses from Weidmüller with a low power loss/voltage drop!
- Please note the derating
- Do not insert or remove a fuse when the circuit is under load.
- Max. temperature of contacts: 130°C
- Insulating material/Flammability class: Wemid/V0

*Fuses do not comply with DIN 72581-3C

The whole system must always be considered for 35/40 A fuses.

¹⁾ Do not exceed the voltage range of the fuse.

²⁾ Continuous current through fuse: max. 80% I_N

³⁾ Use the largest possible conductor cross-section in order to dissipate the very high thermal losses of the fuse.

Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the “disconnecting products” of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

can be reversed



Ordering data

Type	Fitted with...	Qty	Order No.
BEST	-	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000

for terminal type

ZTR 2.5...
ZTR 2.5-2
ZDL 2.5/TR
ZDL 2.5/SI

Isolating plug

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Ordering data

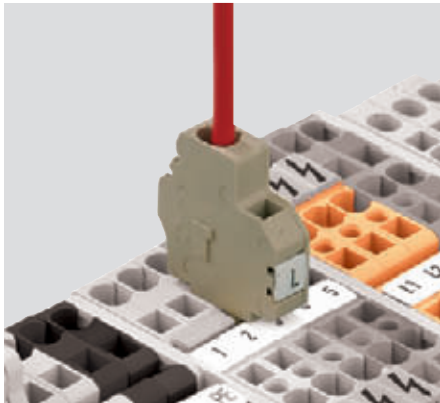
Type	Colour	Qty	Order No.
TNST	yellow Wemid	25	1833090000

for terminal type

ZTR 2.5...
ZTR 2.5-2
ZDL 2.5/TR
ZDL 2.5/SI

Accessories – other functions and colours

Colour range



D

The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

1.5 mm²			
ZDU 1.5	Colour	Qty	Order No.
ZDU 1.5 OR	orange	100	1775500000
ZDU 1.5/3AN			
ZDU 1.5/3AN OR	orange	100	1775550000
ZDU 1.5/4AN			
ZDU 1.5/4AN OR	orange	100	1775610000
ZDK 1.5			
ZDK 1.5 OR	orange	100	1831190000

2.5 mm²			
ZDU 2.5	Colour	Qty	Order No.
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 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 GE	yellow	100	1683350000
ZDU 2.5/3AN GE/GN	yellow/green	100	1698790000
ZDU 2.5/3AN GN	green	100	1683360000
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 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 WS	white	100	1683480000
ZDU 2.5 2X2AN			
ZDU 2.5/2X2AN			1608600000
ZDU 2.5-2			
ZDU 2.5-2 OR	orange	100	1772080000
ZDU 2.5-2/3AN			
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	8731680000
ZTR 2.5/3AN			
ZTR 2.5/3AN OR	orange	50	8731690000
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			
ZDK 2.5 OR	orange	50	1694140000
ZDK 2.5-2			
ZDK 2.5-2 OR	orange	50	1831260000

Mini terminals

4 mm ²			
	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			
	Colour	Qty	Order No.
ZDU 6			
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			
	Colour	Qty	Order No.
ZDU 10			
ZDU 10 OR	orange	25	1830610000

16 mm ²			
	Colour	Qty	Order No.
ZDU 16			
ZDU 16 OR	orange	25	1830680000

35 mm ²			
	Colour	Qty	Order No.
ZDU 35			
ZDU 35 OR	orange	10	1830760000

2.5 mm ²			
	Colour	Qty	Order No.
ZDUA 2.5-2			
ZDUA 2.5-2 OR	orange	100	1720940000
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 2.5-2/4AN			
ZDUB 2.5-2/4AN/DM OR	orange	100	1704560000

