

## Feed-through terminals

### Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### Technical data



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

#### Note

### Ordering data

Version	
	dark beige Wernid
	blue Wernid
Note	

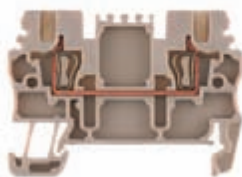
### Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wernid
	blue Wernid
End bracket	
	dark beige Wernid
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"	

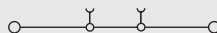
### ZDU 1.5


1.5 mm<sup>2</sup>

#### 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			

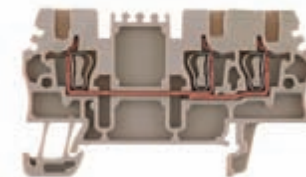
 KEMA 01ATEX2106 U

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

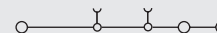
### ZDU 1.5/3 AN


1.5 mm<sup>2</sup>

#### 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			

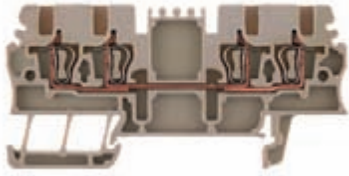
 KEMA 01ATEX2106 U

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 mm<sup>2</sup>

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			



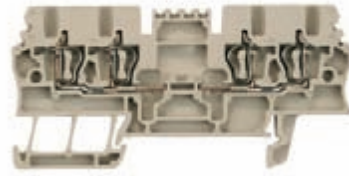
KEMA 01ATEX2106 U

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

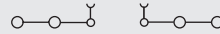
**ZDU 1.5 2x2AN**

1.5 mm<sup>2</sup>

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			

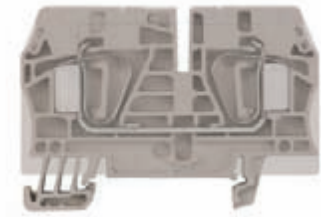


Rated connection	further connection
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0	

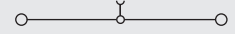
**ZEI 6**

6 mm<sup>2</sup>

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 ZDU1.5/4AN	3.5	20	1776090000
ZAP/TW ZDU1.5/4AN BL	3.5	20	1776100000

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

width [mm]			
ZEW 35	6	20	9540000000

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 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### ZDU 2.5

2.5 mm<sup>2</sup>

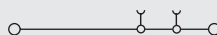
#### Two connections



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

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 mm<sup>2</sup>

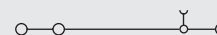
#### Three connections



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

KEMA 97ATEX2521 U

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

D

### Technical data

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

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

#### Note

### Ordering data

Version	
	dark beige Wemid
	blue Wemid

#### Note

Type	Qty.	Order No.
ZDU 2.5	100	1608510000
ZDU 2.5 BL	100	1608520000

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

Type	Qty.	Order No.
ZDU 2.5/3AN	100	1608540000
ZDU 2.5/3AN BL	100	1608550000

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

### 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"

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 1	2 50
ZAP/TW 1 BL	2 50

width [mm]	
ZEW 35	6 20

ZTA 1	25	1609040000
ZTA 1ZA	25	1609050000

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

ZAD 1/4	20	1609110000
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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 2 DB	2 50
ZAP/TW 2 BL	2 50

width [mm]	
ZEW 35	6 20

ZTA 1	25	1609040000
ZTA 1ZA	25	1609050000

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

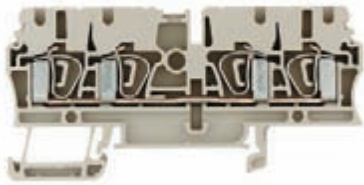
ZAD 1/4	20	1609110000
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DEK 5 / WS 10/5

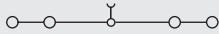
**ZDU 2.5/4AN**

2.5 mm<sup>2</sup>

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	

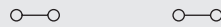
**ZDU 2.5/2x2AN**

2.5 mm<sup>2</sup>

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.
ZAP/TW 3	2	50	1608800000
ZAP/TW 3 BL	2	50	1608810000
ZEW 35	6	20	9540000000

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

## Feed-through terminals

### Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35</b>	<b>7.5 mm</b>
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### Technical data

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


#### Note

### Ordering data

Version	
	dark beige Wernid
	blue Wernid

#### Note

### Accessories

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

End plate / Partition plate	
	dark beige Wernid
	blue Wernid

End bracket	
	dark beige Wernid

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

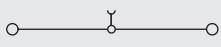
For detailed information on other accessories and applications see "Accessories"

### ZDU 4

4 mm<sup>2</sup>


#### Two connections



<b>6 x 62 x 43.5</b>	
<b>41 / 6</b>	
<b>0.13 ... 6</b>	

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	

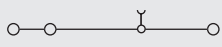
When using twin wire end ferrules, the rated voltage is 690 V.

### ZDU 4/3 AN

4 mm<sup>2</sup>


#### Three connections



<b>6 x 83.35 x 43.5</b>	
<b>41 / 6</b>	
<b>0.13 ... 6</b>	

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.

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

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

		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 10/6
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Type	Qty.	Order No.
ZDU 4/3AN	50	7904180000
ZDU 4/3AN BL	50	7904190000

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

		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

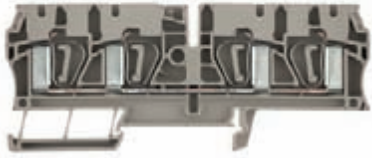
ZAD 2/4	20	1609080000
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DEK 6 / WS 12/6
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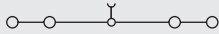
**ZDU 4/4 AN**

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

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
41	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

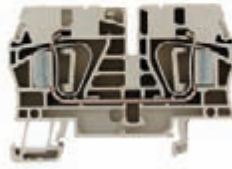
When using twin wire end ferrules, the rated voltage is 690 V.

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

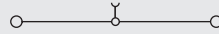
**ZDU 6**

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

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

Type	Qty.	Order No.
ZDU 6	50	<b>1608620000</b>
ZDU 6 BL	50	<b>1608630000</b>

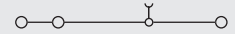
**ZDU 6/3 AN**

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

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 6/3AN	50	<b>7907410000</b>
ZDU 6/3AN BL	50	<b>7907420000</b>

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	<b>1608950000</b>
ZQV 4/3 GE	32	60	<b>1608960000</b>
ZQV 4/4 GE	32	60	<b>1608970000</b>
ZQV 4/10 GE	32	20	<b>1609030000</b>
ZQV 4/20 GE	32	20	<b>1909010000</b>

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

width [mm]			
ZEW 35	6	20	<b>9540000000</b>

ZTA 2 ZDU4	25	<b>1609060000</b>
ZTA 2/ZA ZDU4	25	<b>1609070000</b>

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

ZAD 2/4	20	<b>1609080000</b>
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DEK 6 / WS 12/6

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	<b>1627850000</b>
ZQV 6/3 GE	41	60	<b>1627860000</b>
ZQV 6/4 GE	41	60	<b>1627870000</b>
ZQV 6/24 GE	41	10	<b>1908990000</b>

width [mm]			
ZAP/TW 5	2	50	<b>1608830000</b>
ZAP/TW 5 BL	2	50	<b>1608840000</b>

width [mm]			
ZEW 35	6	20	<b>9540000000</b>

ZTA 3 ZDU6	25	<b>1654050000</b>
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SD 1.0x5.5x150	1	<b>9008350000</b>
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ZAD 3/4	20	<b>1609120000</b>
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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	<b>1627850000</b>
ZQV 6/3 GE	41	60	<b>1627860000</b>
ZQV 6/4 GE	41	60	<b>1627870000</b>
ZQV 6/24 GE	41	10	<b>1908990000</b>

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

width [mm]			
ZEW 35	6	20	<b>9540000000</b>

ZTA 3 ZDU6	25	<b>1654050000</b>
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SD 1.0x5.5x150	1	<b>9008350000</b>
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ZAD 3/4	20	<b>1609120000</b>
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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 mm<sup>2</sup>.

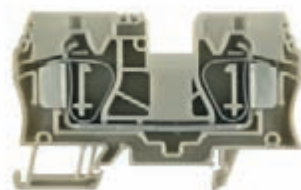
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

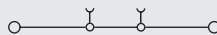
### ZDU 10

10 mm<sup>2</sup>

#### 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 99ATEX5514 U

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

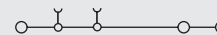
### ZDU 10/3AN

10 mm<sup>2</sup>

#### 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	

### Technical data

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

#### Note

### Ordering data

Version	
	dark beige Wernid
	blue Wernid

#### Note

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

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

### Accessories

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

End plate / Partition plate	
	dark beige Wernid
	blue Wernid

End bracket	
	dark beige Wernid

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"

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

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

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

SD 1.0x5.5x150	1	9008350000
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ZAD 4/5	20	1746730000
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DEK 5 / WS 12/5

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

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

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

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

SD 1.0x5.5x150	1	9008350000
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ZAD 4/5	20	1746730000
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DEK 5 / WS 12/5

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

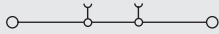
**ZDU 16**

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

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

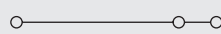
**ZDU 16/3 AN**

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

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

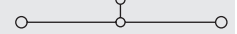
**ZEI 16**

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

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	<b>1745230000</b>
ZDU 16 BL	25	<b>1745240000</b>

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

End plate is integrated.

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

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

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

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

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

width [mm]			
ZEW 35	6	20	<b>9540000000</b>

width [mm]			
ZEW 35	6	20	<b>9540000000</b>

width [mm]			
ZEW 35	6	20	<b>9540000000</b>

width [mm]			
ZEW 35	6	20	<b>9540000000</b>

SD 1.0x5.5x150	1	<b>9008350000</b>
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SD 1.0x5.5x150	1	<b>9008350000</b>
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SD 1.0x5.5x150	1	<b>9008350000</b>
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ZAD 5/5	20	<b>1745210000</b>
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ZAD 5/5	20	<b>1745210000</b>
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ZAD 5/5	20	<b>1745210000</b>
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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 mm<sup>2</sup>.

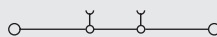
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### ZDU 35

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

#### 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<sup>2</sup>  
 Rated impulse withstand voltage / Pollution severity kV/-  
 Gauge to IEC 60947-1 / UL94 Flammability class

#### Clamped conductors (H05V/H07V)

Solid / stranded mm<sup>2</sup>  
 Flexible / Flexible with wire end ferrule mm<sup>2</sup>  
 Tightening torque range (clamping screw) Nm  
 Stripping length / Blade size mm / -

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

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

#### further connection

25 / 1.0 x 5.5

#### Note

### Ordering data

#### Version

dark beige Wernid  
 blue Wernid

#### Note

#### Type

ZDU 35 Qty. 10 Order No. **1739620000**  
 ZDU 35 BL Qty. 10 Order No. **1739630000**

End plate is integrated.

### Accessories

#### Cross-connection, pluggable



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

#### End plate / Partition plate

dark beige Wernid  
 blue Wernid

#### End bracket

dark beige Wernid

#### 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"

#### Type

ZQV 35/2 Current [A] 105 Qty. 10 Order No. **1739700000**

#### width [mm]

#### width [mm]

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

 SD 1.0x5.5x150 Qty. 1 Order No. **9008350000**

ZAD 6/5 Qty. 20 Order No. **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 mm<sup>2</sup>.

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## ZDU 2.5-2

2.5 mm<sup>2</sup>

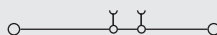

## Two connections




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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## ZDU 2.5-2/3AN

2.5 mm<sup>2</sup>

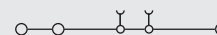

## Three connections




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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Technical data

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

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

## Note

## Ordering data

Version	
	dark beige Wemid
	blue Wemid

## Note


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

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

## 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"

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
ZAP/TW7 BL	2.5 50 1706120000

width [mm]	
ZEW 35	6 20 9540000000

ZTA 4	25	1688110000
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SD 0.6x3.5x100	1	9008330000
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ZRH 1.5H/1	1000	1678810000
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ZRH 1.5H/2	1000	1678800000
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ZAD 1/4-2 GE	20	1764560000
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DEK 5 / WS 14/5
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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 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
ZAP/TW7 BL	2.5 50 1706120000

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 14/5
-----------------

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

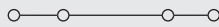
**ZDU 2.5-2/4AN**

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

Four 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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

When using the ZQB 2.5 the conductor cross-section is reduced to 1.5 mm<sup>2</sup>, solid and flexible.

Type	Current [A]	Qty.	Order No.
ZQB 2.5-2	24	50	<b>1677120000</b>
<b>width [mm]</b>			
ZAP/TW7	2.5	50	<b>1706110000</b>
ZAP/TW7 BL	2.5	50	<b>1706120000</b>
<b>width [mm]</b>			
ZEW 35	6	20	<b>9540000000</b>
<b>width [mm]</b>			
ZTA 4		25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
ZAD 1/4-2 GE		20	<b>1764560000</b>
<b>width [mm]</b>			
DEK 5 / WS 14/5			
The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).			

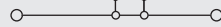
**ZDU 4-2**

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

Two connections



**6.1 x 61.5 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**      **further 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 4-2/2AN	100	<b>1770370000</b>
ZDU 4-2/2AN BL	100	<b>1770840000</b>

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	<b>1608950000</b>
ZQV 4/3 GE	32	60	<b>1608960000</b>
ZQV 4/4 GE	32	60	<b>1608970000</b>
ZQV 4/10 GE	32	20	<b>1609030000</b>
ZQV 4/20 GE	32	20	<b>1909010000</b>
<b>width [mm]</b>			
ZAP ZDU4-2	2	50	<b>1770400000</b>
ZAP ZDU4-2 BL	2	50	<b>1770880000</b>
<b>width [mm]</b>			
ZEW 35	6	20	<b>9540000000</b>
<b>width [mm]</b>			
ZTA 6/ZA		25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>
<b>width [mm]</b>			
DEK 6 / WS 12/6			
The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).			

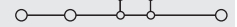
**ZDU 4-2/3AN**

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

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**      **further 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 4-2/3AN	100	<b>1770360000</b>
ZDU 4-2/3AN BL	100	<b>1770860000</b>

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	<b>1608950000</b>
ZQV 4/3 GE	32	60	<b>1608960000</b>
ZQV 4/4 GE	32	60	<b>1608970000</b>
ZQV 4/10 GE	32	20	<b>1609030000</b>
ZQV 4/20 GE	32	20	<b>1909010000</b>
<b>width [mm]</b>			
ZAP ZDU4-2	2	50	<b>1770400000</b>
ZAP ZDU4-2 BL	2	50	<b>1770880000</b>
<b>width [mm]</b>			
ZEW 35	6	20	<b>9540000000</b>
<b>width [mm]</b>			
ZTA 6/ZA		25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>
<b>width [mm]</b>			
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 mm<sup>2</sup>

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

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

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 mm<sup>2</sup>

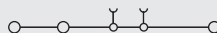
## Three connections



6.1 x 61.5 x 46

38 / 6

0.13 ... 6



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

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	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.

## Type

ZDU 4-2/3AN LSC

## Qty.

100

## Order No.

1790520000

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

## Type

ZQV 4/2 GE

## Current [A]

32

## Qty.

60

## Order No.

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

## Type

ZTA 6/ZA

## Qty.

25

## Order No.

1780660000

## Type

SD 0.6x3.5x100

## Qty.

1

## Order No.

9008330000

## Type

ZAD 1/4

## Qty.

20

## Order No.

1609110000

## Type

DEK 6 / WS 12/6

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

## ZDU 4-2/4AN

4 mm<sup>2</sup>

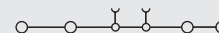
## Four connections



6.1 x 75.5 x 46

32 / 6

0.13 ... 6



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

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	33	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

ZDU 4-2/4AN

## Qty.

100

## Order No.

1806980000

ZDU 4-2/4AN BL

100

1806990000

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

## Type

ZQV 4/2 GE

## Current [A]

32

## Qty.

60

## Order No.

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

1807010000

ZAP ZDU4-2/4AN BL

2

50

1807020000

## width [mm]

ZEW 35

6

20

9540000000

## Type

ZTA 6/ZA

## Qty.

25

## Order No.

1780660000

## Type

SD 0.6x3.5x100

## Qty.

1

## Order No.

9008330000

## Type

ZAD 1/4

## Qty.

20

## Order No.

1609110000

## Type

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 mm<sup>2</sup>.

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

#### Note

### Ordering data

Version	green/yellow Wernid
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#### Note

### Accessories

End plate	dark beige Wernid
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End bracket	dark beige / beige
-------------	--------------------

#### Testing / Checking

For testing wired terminal strips	Standard with spigot
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#### Screwdrivers

with cutting device "swifty set"	Standard
----------------------------------	----------

#### Reducing sleeves

for conductors < 0.5 mm <sup>2</sup> / < AWG 20	ZRH 1.5S/1	500	1781950000
for conductors < 1.0 mm <sup>2</sup> / < AWG 18	ZRH 1.5S/2	500	1781960000

#### PEN jumper

Inserted into TN-S distributor between N and PE terminals

#### Marking systems

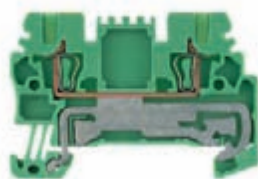
(see large assortment in catalogue 7)  
Marking tags

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

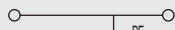
### ZPE 1.5

1.5 mm<sup>2</sup>

#### 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

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

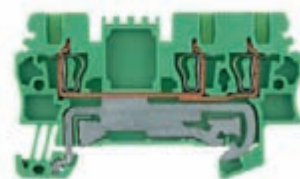
#### further connection

10 / 0.4 x 2.0

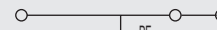
### ZPE 1.5/3AN

1.5 mm<sup>2</sup>

#### 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

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

#### further connection

10 / 0.4 x 2.0

Type	Qty.	Order No.
ZPE 1.5	100	1775510000

Type	Qty.	Order No.
ZPE 1.5/3AN	100	1775560000

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

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

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

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

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

SD 0.4x2.0x60	1	9037160000
---------------	---	------------

SD 0.4x2.0x60	1	9037160000
---------------	---	------------

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

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

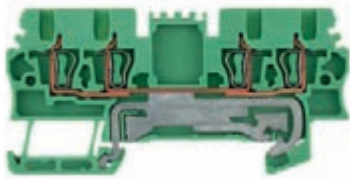
DEK 5 / WS 12/3,5

DEK 5 / WS 10/3,5

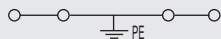
**ZPE 1.5/4AN**

1.5 mm<sup>2</sup>

Four connections



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



IEC 60947-7-2

Ex e II Ex 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

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

**ZPE 2.5**

2.5 mm<sup>2</sup>

Two connections



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



IEC 60947-7-2

Ex e II Ex 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 2.5	100	1608640000

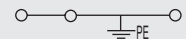
**ZPE 2.5/3AN**

2.5 mm<sup>2</sup>

Three connections



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



IEC 60947-7-2

Ex e II Ex 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 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
---------------	---	------------

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
----------------	---	------------

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
----------------	---	------------

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 mm<sup>2</sup>.

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### Technical data

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

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

Note

### Ordering data

Version
green/yellow Wernid

Note

### Accessories

End plate
dark beige Wernid

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 <sup>2</sup> / < AWG 20	ZRH 2.5/1 WS	1000	1614300000
for conductors < 1.0 mm <sup>2</sup> / < AWG 18	ZRH 2.5/2 GR/VO	1000	1614290000

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"

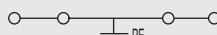
### ZPE 2.5/4AN

2.5 mm<sup>2</sup>

#### Four connections



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



IEC 60947-7-2 Ex e II **Ex** 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 2.5/4AN	100	1608660000

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

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

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

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

Type	Qty.	Order No.
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/VO	1000	1614290000

Type	Qty.	Order No.
DEK 5 / WS 10/5		

### ZPE 4

4 mm<sup>2</sup>

#### Two connections



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



IEC 60947-7-2 Ex e II **Ex** 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	

Type	Qty.	Order No.
ZPE 4	100	1632080000

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

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

Type	Qty.	Order No.
ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000

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

Type	Qty.	Order No.
ZRH 4/1 WS	1000	1636640000
ZRH 4/2	1000	1636650000

Type	Qty.	Order No.
DEK 6 / WS 12/6		

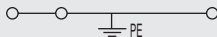
ZPE 4/3 AN

4 mm<sup>2</sup>

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

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

ZPE 4/4 AN

4 mm<sup>2</sup>

Four connections



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



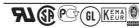
IEC 60947-7-2

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 4/4AN	50	7904280000

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

Type	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

Type	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 mm<sup>2</sup>.

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

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

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

## Note

## Ordering data

Version	green/yellow Wernid
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## Note

## Accessories

End plate	dark beige Wernid
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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<sup>2</sup> / < AWG 20  
 for conductors < 1.0 mm<sup>2</sup> / < AWG 18

## PEN jumper

Inserted into TN-S distributor between N and PE terminals

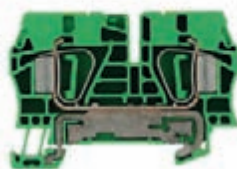
Marking systems	(see large assortment in catalogue 7) Marking tags
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For detailed information on other accessories and applications see "Accessories"

## ZPE 6

6 mm<sup>2</sup>

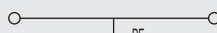
## Two connections



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

## Rated connection

0.5...10 / 1.5...10  
 0.5...10 / 0.5...6

## further connection

13 / 0.6 x 3.5

## ZPE 6/3 AN

6 mm<sup>2</sup>

## 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

## Rated connection

0.5...10 / 1.5...10  
 0.5...10 / 0.5...6

## further connection

13 / 0.6 x 3.5

Type	Qty.	Order No.
ZPE 6	50	1608670000

## Note

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

## Note

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

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

Type	Qty.	Order No.
ZTA 3 ZDU6	25	1654050000

Type	Qty.	Order No.
SD 1.0x5.5x150	1	9008350000

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

Type	Qty.	Order No.
ZTA 3 ZDU6	25	1654050000

Type	Qty.	Order No.
SD 1.0x5.5x150	1	9008350000

Type	width [mm]	Qty.	Order No.
DEK 8 / WS 12/6			

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

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

Type	Qty.	Order No.
ZTA 3 ZDU6	25	1654050000

Type	Qty.	Order No.
SD 1.0x5.5x150	1	9008350000

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

Type	Qty.	Order No.
ZTA 3 ZDU6	25	1654050000

Type	Qty.	Order No.
SD 1.0x5.5x150	1	9008350000

Type	width [mm]	Qty.	Order No.
DEK 8 / WS 12/6			

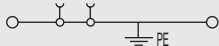
**ZPE 10**

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

Two connections



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



IEC 60947-7-2 Ex e II **Ex** 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	

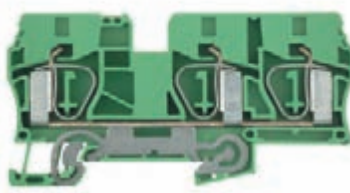
18 / 1.0 x 5.5

Type	Qty.	Order No.
ZPE 10	25	1746770000

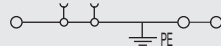
**ZPE 10/3 AN**

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

Three connections



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



IEC 60947-7-2 Ex e II **Ex** 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 10/3AN	20	1767670000

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

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

SD 1.0x5.5x150	1	9008350000
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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 mm<sup>2</sup>.

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

#### Note

### Ordering data

Version	green/yellow Wernid
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#### Note

### Accessories

End plate	dark beige Wernid
-----------	-------------------

End bracket	dark beige / beige
-------------	--------------------

#### Testing / Checking

For testing wired terminal strips	Standard with spigot
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#### Screwdrivers

with cutting device "swifty set"	
Standard	SD 1.0x5.5x150

#### Reducing sleeves

for conductors < 0.5 mm<sup>2</sup> / < AWG 20  
 for conductors < 1.0 mm<sup>2</sup> / < 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 mm<sup>2</sup>

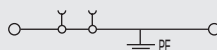
#### Two connections



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

1.5...16 / 16...25  
 1.5...16 / 1.5...16

#### further connection

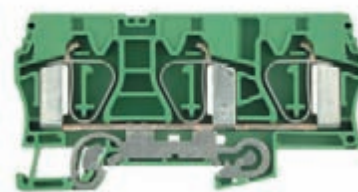
18 / 1.0 x 5.5

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

### ZPE 16/3AN

16 mm<sup>2</sup>

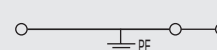
#### Three connections



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

1.5...16 / 16...25  
 1.5...16 / 1.5...16

#### further 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 16	25	1745250000

#### Note

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

#### Note

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

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

Type	width [mm]	Qty.	Order No.

Type	width [mm]	Qty.	Order No.

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

Type	width [mm]	Qty.	Order No.

Type	width [mm]	Qty.	Order No.

Type	width [mm]	Qty.	Order No.

Type	width [mm]	Qty.	Order No.
DEK 5 / WS 15/5			

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

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

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

Type	width [mm]	Qty.	Order No.

Type	width [mm]	Qty.	Order No.

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

Type	width [mm]	Qty.	Order No.

Type	width [mm]	Qty.	Order No.

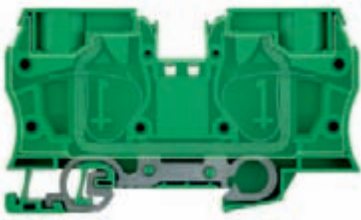
Type	width [mm]	Qty.	Order No.

Type	width [mm]	Qty.	Order No.
WS 15/5			

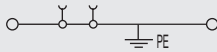
**ZPE 35**

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

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.
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width [mm]			
ZEW 35	6	20	9540000000

SD 1.0x5.5x150	1	9008350000
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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 mm<sup>2</sup>

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

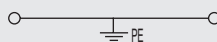
### ZPE 2.5-2

2.5 mm<sup>2</sup>

#### 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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

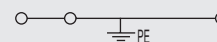
### ZPE 2.5-2/3AN

2.5 mm<sup>2</sup>

#### 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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

D

### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

#### Note

### Ordering data

#### Version

green/yellow Wernid

#### Note

#### Type Qty. Order No.

ZPE 2.5-2 100 **1772090000**

#### Type Qty. Order No.

ZPE 2.5-2/3AN 100 **1706090000**

### Accessories

#### End plate

dark beige Wernid

#### 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<sup>2</sup> / < AWG 20  
 for conductors < 1.0 mm<sup>2</sup> / < 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"

#### 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

#### 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

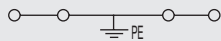
**ZPE 2.5-2/4AN**

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

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

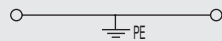
**ZPE 4-2/2AN**

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

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

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

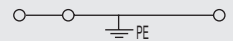
**ZPE 4-2/3AN**

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

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 4-2/3AN	100	1770390000

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

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

	Qty.	Order No.
ZTA 4	25	1688110000

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

	Qty.	Order No.
ZRH 1.5H/1	1000	1678810000

	Qty.	Order No.
ZRH 1.5H/2	1000	1678800000

WS 10/5

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

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

	Qty.	Order No.
ZTA 6/ZA	25	1780660000

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

	Qty.	Order No.
ZRH 4/1 WS	1000	1636640000

	Qty.	Order No.
ZRH 4/2	1000	1636650000

DEK 6 / WS 12/6

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

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

	Qty.	Order No.
ZTA 6/ZA	25	1780660000

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

	Qty.	Order No.
ZRH 4/1 WS	1000	1636640000

	Qty.	Order No.
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 mm<sup>2</sup>

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

#### Note

### Ordering data

Version	green/yellow Wernid
---------	---------------------

#### Note

### Accessories

End plate	dark beige Wernid
-----------	-------------------

End bracket	dark beige / beige
-------------	--------------------

#### Testing / Checking

For testing wired terminal strips	Standard with spigot
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#### Screwdrivers

with cutting device "swifty set"	Standard
----------------------------------	----------

#### Reducing sleeves

for conductors < 0.5 mm <sup>2</sup> / < AWG 20	ZRH 4/1 WS	1000	1636640000
for conductors < 1.0 mm <sup>2</sup> / < AWG 18	ZRH 4/2	1000	1636650000

#### 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 mm<sup>2</sup>

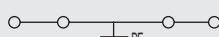
#### Four connections



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

0.5...6

#### further connection

0.5...4 / 0.5...4

10 / 0.6 x 3.5

### ZPE 6-2/2AN

6 mm<sup>2</sup>

#### 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

0.5...10

#### further connection

0.5...10 / 0.5...6

12 / 0.6 x 3.5

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

#### Note

Type	Qty.	Order No.
ZPE 6-2/2AN	50	1771370000

#### Note

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

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

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

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

Type	Qty.	Order No.
ZRH 4/1 WS	1000	1636640000
ZRH 4/2	1000	1636650000

Type	Qty.	Order No.
ZTA 7/ZA	25	1780670000

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

Type	Qty.	Order No.
DEK 5 / WS 12/6		

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

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

Type	Qty.	Order No.
ZTA 7/ZA	25	1780670000

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

Type	Qty.	Order No.
DEK 8		

Type	Qty.	Order No.
DEK 8		

Type	Qty.	Order No.
DEK 8		

Type	Qty.	Order No.
DEK 8		

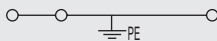
**ZPE 6-2/3AN**

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

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 mm<sup>2</sup>**

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<sup>2</sup>)

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

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

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

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

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

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

SD 1.0x5.5x150	1	9008350000
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DEK 8

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 mm<sup>2</sup>.

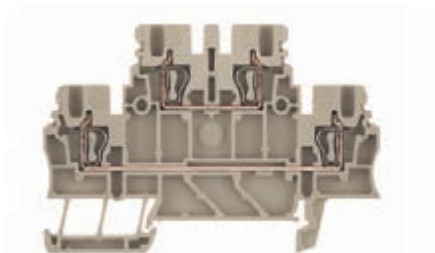
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

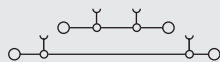
### ZDK 1.5

1.5 mm<sup>2</sup>

#### Double level terminals



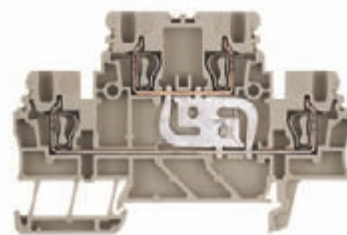
<b>3.5 x 75.5 x 50</b>
<b>17.5 / 1.5</b>
<b>0.05 ... 1.5</b>



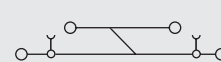
### ZDK 1.5V

1.5 mm<sup>2</sup>

#### Vertically cross-connected double level terminal



<b>3.5 x 75.5 x 50</b>
<b>17.5 / 1.5</b>
<b>0.05 ... 1.5</b>



### Technical data

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

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

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

#### Note

### Ordering data


Version	
	dark beige Wernid
	blue Wernid

#### Note

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

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

### Accessories

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


End plate / Partition plate	
	dark beige Wernid
	blue Wernid

End bracket	
	dark beige Wernid

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"

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 / WS 10/3,5

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

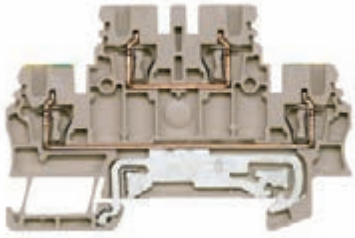
ZAD 7/4	20	1781940000
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DEK 5 / WS 10/3,5

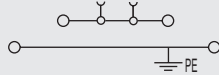
**ZDK 1.5 DU-PE**

**1.5 mm<sup>2</sup>**

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
<b>width [mm]</b>			
ZAP/TW ZDK1.5	2	20	1791160000
ZAP/TW ZDK1.5 BL	2	20	1791170000
<b>width [mm]</b>			
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 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### Technical data



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

#### Note

### Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

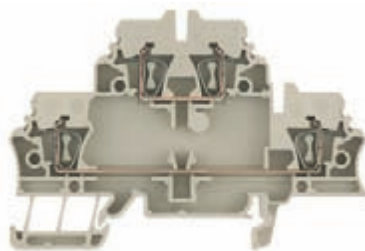
### Accessories

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 mm<sup>2</sup>




#### Double level terminals



<b>5.1 x 79.5 x 54</b>	
<b>20 / 2.5</b>	
<b>0.05 ... 2.5</b>	

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

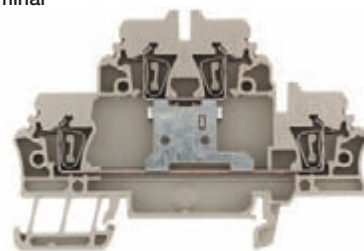
Rated connection	further connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5	

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.


### ZDK 2.5 V

2.5 mm<sup>2</sup>




#### Vertically cross-connected double level terminal



<b>5.1 x 79.5 x 54</b>	
<b>24 / 2.5</b>	
<b>0.05 ... 2.5</b>	

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5	50	<b>1674300000</b>
ZDK 2.5 BL	50	<b>1678630000</b>
Component plug ZBS 1(1764540000) and ZBS 1 for LED (1764550000) can be used.		

Type	Qty.	Order No.
ZDK 2.5V	50	<b>1689990000</b>
ZDK 2.5V BL	50	<b>1745880000</b>

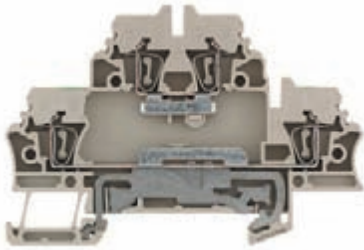
Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>
width [mm]			
ZAP/TW ZDK2.5	1.5	20	<b>1674730000</b>
ZAP/TW ZDK2.5 BL	1.5	20	<b>1748800000</b>
width [mm]			
ZEW 35	6	20	<b>9540000000</b>
ZTA 4		25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
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	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>
width [mm]			
ZAP/TW ZDK2.5	1.5	20	<b>1674730000</b>
ZAP/TW ZDK2.5 BL	1.5	20	<b>1748800000</b>
width [mm]			
ZEW 35	6	20	<b>9540000000</b>
ZTA 4		25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
DEK 5 / WS 10/5			

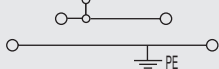
**ZDK 2.5 DU-PE**

2.5 mm<sup>2</sup>

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
20	10	10	20
2.5	AWG 30... 12	AWG 26... 12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

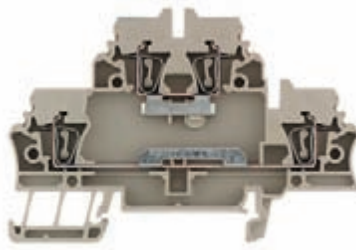
Rated connection	further connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5	

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

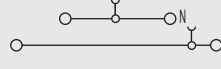
**ZDK 2.5 N-DU**

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

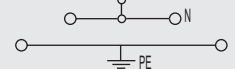
**ZDK 2.5 N-PE**

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

D

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 mm<sup>2</sup>.

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

#### Note

### Ordering data

#### Version

dark beige Wernid
blue Wernid

#### Note

### Accessories

#### Cross-connection, pluggable



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

#### End plate / Partition plate

dark beige Wernid
blue Wernid

#### End bracket

dark beige Wernid
-------------------

#### 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 mm<sup>2</sup>

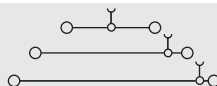
#### Three levels



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

0.5...2.5

#### further connection

0.5...2.5 / 0.5...2.5

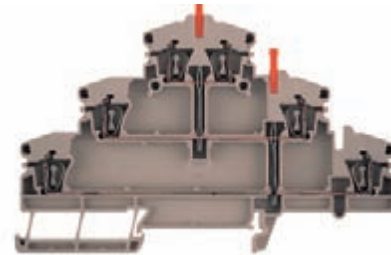
10 / 0.6 x 3.5

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

### ZDLD 2.5-2 VN

2.5 mm<sup>2</sup>

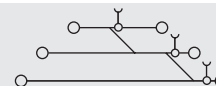
#### Vertically cross-connected multi level terminal



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

0.5...2.5

#### further connection

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

#### Type Qty. Order No.

ZDLD 2.5-2N	50	1782300000
ZDLD 2.5-2N BL	50	1782310000

#### Type Qty. Order No.

ZDLD 2.5-2VN	25	1782320000
ZDLD 2.5-2VN BL	25	1782330000

#### Type 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

#### 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]

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
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#### width [mm]

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

#### ZTA 4

25 1688110000

#### ZTA 4

25 1688110000

#### SWIFTY SET

1 9006060000

#### SD 0.6x3.5x100

1 9008330000

#### SD 0.6x3.5x100

1 9008330000

#### ZRH 1.5H/1

1000 1678810000

#### ZRH 1.5H/2

1000 1678800000

#### 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.

#### DEK 5 / WS 12/5

**Standard model**

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

**Technical data**

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

**Note**

**Ordering data**

Version	dark beige Wemid blue Wemid
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**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	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
<b>For detailed information on other accessories and applications see "Accessories"</b>	

**ZMAK 2.5**

2.5 mm<sup>2</sup>

**Motor supply terminal**



<b>5.1 x 102 x 70</b>	
<b>31 / 4</b>	
<b>0.08 ... 4</b>	

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	Qty.	Order No.
ZMAK 2.5	25	1768000000

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
ZAP ZMAK2.5	1.5	10	1768010000
<b>width [mm]</b>			
ZEW 35	6	20	9540000000
<b>width [mm]</b>			
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
<b>width [mm]</b>			
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 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### Technical data

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

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

Note

### Ordering data

Version
green/yellow Wernid

Note

### Accessories

End plate
dark beige Wernid

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 <sup>2</sup> / < AWG 20	ZRH 1.5S/1	500	1781950000
for conductors < 1.0 mm <sup>2</sup> / < AWG 18	ZRH 1.5S/2	500	1781960000

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

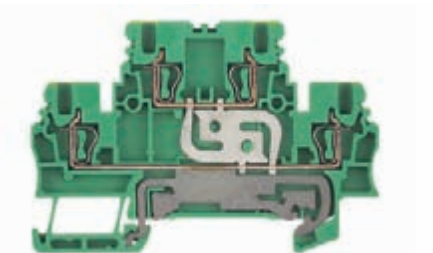
Marking systems	
(see large assortment in catalogue 7)	Marking tags

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

### ZDK 1.5 PE

1.5 mm<sup>2</sup>

#### Double level terminals



<b>3.5 x 75.5 x 50</b>	
<b>/ 1.5</b>	
<b>0.05 ... 1.5</b>	

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			

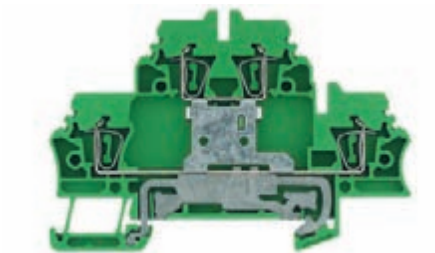
KEMA 01ATEX2106 U

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 mm<sup>2</sup>

#### Vertically cross-connected



<b>5.1 x 79.5 x 54</b>	
<b>/ 2.5</b>	
<b>0.05 ... 2.5</b>	

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 mm<sup>2</sup> 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	Qty.	Order No.
ZDK 2.5PE	50	1690000000

Note

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

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

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 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

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

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

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



## Double/Multi level terminals

### Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

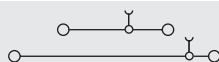
### ZDK 2.5-2

2.5 mm<sup>2</sup>

#### Double level terminals



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



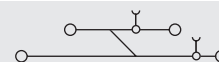
### ZDK 2.5-2V

2.5 mm<sup>2</sup>

#### Vertically cross-connected double level terminal



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



### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

#### Note

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

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

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC 60947-7-1

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

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

2.5 mm<sup>2</sup> 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.
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	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.

### Accessories

#### Cross-connection, pluggable



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

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

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

#### End plate / Partition plate

dark beige Wemid
blue Wemid

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

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

#### End bracket

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

width [mm]			
ZEW 35	6	20	9540000000

width [mm]			
ZEW 35	6	20	9540000000

#### Test adapter

For testing wired terminal strips	Standard with spigot
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ZTA 4	25	1688110000
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ZTA 4	25	1688110000
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#### Screwdrivers

with cutting device "swifty set"
Standard

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

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

#### Reducing sleeves

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

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

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

#### Cover



with lightning flash symbol
blank

ZAD 1/4-2 GE	20	1764560000
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ZAD 1/4-2 GE	20	1764560000
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#### Labelling systems

(see large assortment in catalogue 7)
Marking tags

DEK 5 / WS 10/5
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DEK 5 / WS 10/5
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For detailed information on other accessories and applications see "Accessories"

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

**Roof-style**

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>



**Technical data**

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

**Ordering data**

Version	
	dark beige Wemid
	blue Wemid
Note	

**Accessories**

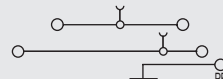
Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing 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 mm<sup>2</sup>

Double level terminals with PE connection on one side



<b>5.1 x 72.5 x 55.5</b>	
<b>24 / 4</b>	
<b>0.05 ... 4</b>	

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	

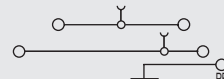
2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

**ZDKPE 2.5-2/N/L/PE**

2.5 mm<sup>2</sup>

Double level terminals with PE connection on one side



<b>5.1 x 72.5 x 55.5</b>	
<b>24 / 4</b>	
<b>0.05 ... 4</b>	

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## 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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## ZDK 4-2

4 mm<sup>2</sup>

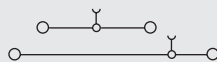
## Double level terminals



6.1 x 77.6 x 61

32 / 6

0.13 ... 6



## ZDK 4-2 V

4 mm<sup>2</sup>

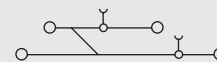
## Vertically cross-connected double level terminal



6.1 x 77.6 x 61

32 / 6

0.13 ... 6



## Technical data

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

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	

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	

## Note

## Ordering data



Version
dark beige Wemid
blue Wemid

## Note

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

## 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"	

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
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
ZTA 6/ZA		25	1780660000
SD 0.6x3.5x100		1	9008330000
ZAD 1/4		20	1609110000
DEK 6			

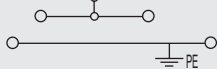
**ZDK 4-2 DU/PE**

4 mm<sup>2</sup>

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	

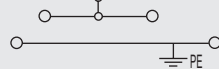
**ZDK 4-2/N/L**

4 mm<sup>2</sup>

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

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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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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## Double/Multi level terminals

### Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

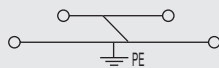
### ZDK 2.5-2 PE

2.5 mm<sup>2</sup>

Four connections



<b>5.1 x 72.5 x 56</b>
<b>/ 4</b>
<b>0.05 ... 4</b>



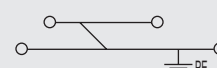
### ZDK 4-2 PE

4 mm<sup>2</sup>

Four connections



<b>6.1 x 77.6 x 61</b>
<b>/ 6</b>
<b>0.13 ... 6</b>



### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

#### Note

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 <sup>2</sup> )		
	3		
	A2 / V-0		



#### Rated connection

0.5...4
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC 60947-7-2

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



#### Rated connection

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

10 / 0.6 x 3.5

### Ordering data

#### Version

green/yellow Wernid

#### Note

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

Type	Qty.	Order No.
ZDK 4-2 PE	50	8671050000

### Accessories

#### End plate

dark beige Wernid

#### 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<sup>2</sup> / < AWG 20  
for conductors < 1.0 mm<sup>2</sup> / < 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"

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

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

ZTA 4	25	1688110000
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SD 0.5x3.0x80	1	9008320000
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ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

DEK 5 / WS 10/5
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Type	width [mm]	Qty.	Order No.
ZAP/TW ZDK 4-2	2	50	8670760000

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

ZTA 6/ZA	25	1780660000
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SD 0.6x3.5x100	1	9008330000
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DEK 6
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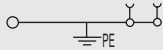
**ZPE 16-2/1AN**

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

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 <sup>2</sup> )		
	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]		Qty.	Order No.
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.

**D**



## Modular disconnect terminals

### Standard model and Roof-style

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### Technical data

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

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

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

Note

### Ordering data

Version	
	dark beige Wernid
	blue Wernid
	without disconnecter, dark beige Wernid

Note

### Accessories

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

End plate / Partition plate	
End plate	dark beige Wernid
Partition plate	dark beige Wernid

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 Wernid

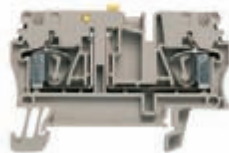
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags

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

### ZTR 2.5

2.5 mm<sup>2</sup>

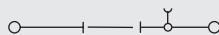
Two connections



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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

### ZTR 2.5/3AN

2.5 mm<sup>2</sup>

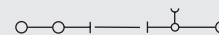
Three connections



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 mm<sup>2</sup> 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

Note

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

Note

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
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SIHA 3/G20/LD 10-36V	25	7921560000
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SIHA 3/G20/LD 140-250V	25	7921560000
------------------------	----	------------

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

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
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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.

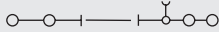
**ZTR 2.5/4AN**

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> 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
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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
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BEST/D	50	1878560000
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TNST	50	1833090000
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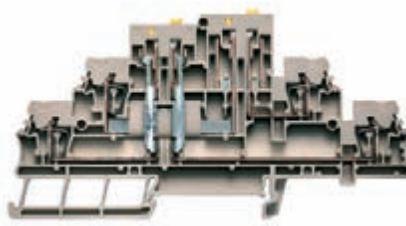
DEK 5 / WS 10/5

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

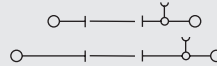
**ZDTR 2.5**

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> 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
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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 mm<sup>2</sup>

## ZDL 2.5/TR/DU/PE

2.5 mm<sup>2</sup>

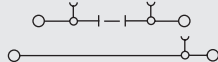
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

5.1 x 95 x 48.5

/ 4

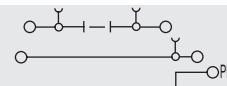
0.13 ... 4



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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

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

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

## 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

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

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

## Version

dark beige Wernid
blue Wernid
without disconnecter, dark beige Wernid

## 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 Wernid
Partition plate	dark beige Wernid

## 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 Wernid

## 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

SD 0.6x3.5x100	1	9008330000
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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

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 mm<sup>2</sup>

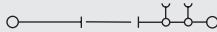
Two connections



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 mm<sup>2</sup> 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]		Qty.	Order No.
ZAP/TW7	2.5	50	1706110000

width [mm]		Qty.	Order No.
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 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### ZSI 2.5

2.5 mm<sup>2</sup>

For metric fuses 5 x 20



7.9 x 79.5 x 74

6.3 / 4

0.13 ... 4



### ZSI 2.5/5x25

2.5 mm<sup>2</sup>

For metric fuses 5 x 25



7.9 x 79.5 x 74

6.3 / 4

0.13 ... 4



## Technical data

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

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

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

**Note**

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.

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.

## 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**


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.

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.

## 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 (at 250V / 50Hz / cos j = 0.7)	0.5 A quick-blow
	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"

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

width [mm]			
ZAP/TW 3	2	50	1608800000

SD 0.6x3.5x100	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 / WS 10/5  
Status indication via bidirectional LED. End plate for lever: ZAP TNHE/ZSI: 1610840000

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

width [mm]			
ZAP/TW 3	2	50	1608800000

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

G 25/0.5A/M WS	10	0510300000
G 25/1A/M RT	10	0265800000
G 25/2A/F BL	10	0192700000
G 25/4A/F BR	10	0192800000

DEK 5 / WS 10/5  
End plate for fuse lever: ZAP TNHE/ZSI: 1610840000

ZSI 2.5/2

2.5 mm<sup>2</sup>

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 mm<sup>2</sup>

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 mm<sup>2</sup>

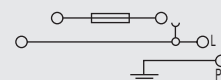
For metric fuses 5 x 20



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.

D

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
width [mm]			
GZ 10.0A		10	0293900000
width [mm]			
DEK 5 / WS 10/5			

Status indication via bidirectional LED. Use imperial cartridge fuses.

Type	Current [A]	Qty.	Order No.
ZAP ZDL2.5	1.5	20	1720910000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
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
width [mm]			
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.
ZAP ZDL2.5	1.5	20	1720910000
width [mm]			
SD 0.6x3.5x100		1	9008330000
width [mm]			
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
width [mm]			
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 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### ZSI 2.5 2x2 AN

2.5 mm<sup>2</sup>

For metric fuses 5 x 20 / 5 x 25



<b>12.2 x 65 x 55</b>	
<b>10 / 4</b>	
<b>0.18 ... 4</b>	

### ZSI 6-2

6 mm<sup>2</sup>

For metric fuses 5 x 20 / 5 x 25



<b>12.2 x 65 x 55</b>	
<b>10 / 4</b>	
<b>0.13 ... 4</b>	

## Technical data

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

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

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

**Note**

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

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

## 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**





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	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

## 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 (at 250V / 50Hz / cos j = 0.7)	0.5 A quick-blow
	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"**

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.

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 mm<sup>2</sup>

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.

D



## Installation terminals

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

### ZDU 2.5 S

2.5 mm<sup>2</sup>

Two connections



### ZDU 4 S

4 mm<sup>2</sup>

Two connections

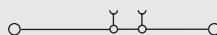


**width x length x height with TS** 35 x 7.5 mm  
max. current / max. cond. cross-section A/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

5.1 x 61 x 44

24 / 4

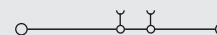
0.13 ... 4



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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
24			
2.5			
	6 / 3		
	A2 / V-0		

IEC 60947-7-1

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

### Clamped conductors (H05V/H07V)

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

### Rated connection

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

### 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

Type	Qty.	Order No.
ZDU 2.5 S	100	1808010000
ZDU 2.5 S BL	100	1808020000

Type	Qty.	Order No.
ZDU 4 S	100	1808360000
ZDU 4 S BL	100	1808370000

### Note

Spacing between mounting plates should be 200mm.

Spacing between mounting plates should be 200mm.

## Accessories

### Cross-connection

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

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

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

### End plate / Partition plate

dark beige Wernid  
blue Wernid

Type	width [mm]	Qty.	Order No.
ZAP ZDU 2.5 S	2	20	1808030000
ZAP ZDU 2.5 S BL	2	20	1808040000

Type	width [mm]	Qty.	Order No.
ZAP ZDU 4 S	2	20	1808380000
ZAP ZDU 4 S BL	2	20	1808390000

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

blue Wernid  
for vertical installation position

Type	width [mm]	Qty.	Order No.
ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

Type	width [mm]	Qty.	Order No.
ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

### End bracket

dark beige

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

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

### Screwdrivers

with cutting device "swifty set"

Standard

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

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

### 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<sup>2</sup>

rigid / flexible 6 - 16 / 4mm<sup>2</sup>

flexible 16 - 35mm<sup>2</sup>

### Marking systems

(see large assortment in catalogue 7)

Marking tags

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

Type	width [mm]	Qty.	Order No.
DEK 5 / WS 10/6			

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



## Installation terminals

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

### ZNT 2.5 S

2.5 mm<sup>2</sup>

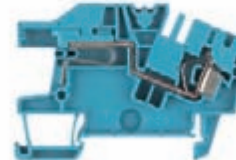
Two connections



### ZNT 4 S

4 mm<sup>2</sup>

Two connections



**width x length x height with TS** 35 x 7.5 mm  
max. current / max. cond. cross-section A/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

VDE 0611-5

IEC	UL	CSA	EN 60079-7
250			
24			
2.5			
	4 / 3		
	A2 / V-0		

VDE 0611-5

IEC	UL	CSA	EN 60079-7
250			
32			
4			
	4 / 3		
	A3 / V-0		

### Clamped conductors (H05V/H07V)

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

### Rated connection

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

### 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.
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 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<sup>2</sup>  
rigid / flexible 6 - 16 / 4mm<sup>2</sup>  
flexible 16 - 35mm<sup>2</sup>

### 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

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 / 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

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 6 / WS 10/6

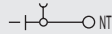
**ZNT 6 S**

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

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	<b>1808320000</b>
Spacing between mounting plates should be 200mm.		

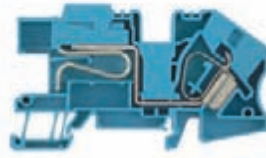
Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41	60	<b>1627850000</b>
ZQV 6/3 GE	41	60	<b>1627860000</b>
ZQV 6/4 GE	41	60	<b>1627870000</b>
ZQV 6/24 GE	41	10	<b>1908990000</b>
<b>width [mm]</b>			
ZAP ZDU 6 S	2	20	<b>1808250000</b>
ZAP ZDU 6 S BL	2	20	<b>1808260000</b>
<b>width [mm]</b>			
ZHP S	3	20	<b>1808290000</b>
ZHP S SO	3	20	<b>1808280000</b>
<b>width [mm]</b>			
ZEW 35	6	20	<b>9540000000</b>
<b>width [mm]</b>			
SD 0.8x4.0x100		1	<b>9008340000</b>
SSCH 10X3X1000 CU/SN		1	<b>0348900000</b>
<b>width [mm]</b>			
ZB 4K BL		50	<b>0475380000</b>
ZB 16K BL		50	<b>0502880000</b>
ZB 35K BL M6X16		20	<b>0502680000</b>

DEK 8 / WS 10/6

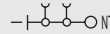
**ZNT 10 S**

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

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	<b>1739560000</b>
Spacing between mounting plates should be 200mm.		

Type	Current [A]	Qty.	Order No.
ZQV 16/2	76	25	<b>1739690000</b>
<b>width [mm]</b>			
ZAP ZDU10/16S	2	20	<b>1739660000</b>
<b>width [mm]</b>			
ZHP Z/W BL	3	20	<b>1745180000</b>
ZHP Z/W SO	5	20	<b>1781070000</b>
<b>width [mm]</b>			
ZEW 35	6	20	<b>9540000000</b>
<b>width [mm]</b>			
SD 1.0x5.5x150		1	<b>9008350000</b>
SSCH 10X3X1000 CU/SN		1	<b>0348900000</b>
<b>width [mm]</b>			
ZB 4K BL		50	<b>0475380000</b>
ZB 16K BL		50	<b>0502880000</b>
ZB 35K BL M6X16		20	<b>0502680000</b>

DEK 5

## Installation terminals

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

### ZNT 16/S

16 mm<sup>2</sup>

Two connections



**width x length x height with TS** 35 x 7.5 mm  
max. current / max. cond. cross-section A/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

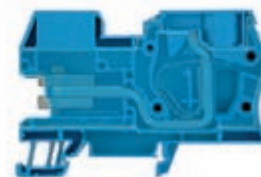
**12 x 95 x 50**  
**76 / 25**  
**1.5 ... 25**



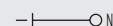
### ZNT 35

35 mm<sup>2</sup>

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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

### Clamped conductors (H05V/H07V)

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

### Note

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

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

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

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.
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 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<sup>2</sup>  
rigid / flexible 6 - 16 / 4mm<sup>2</sup>  
flexible 16 - 35mm<sup>2</sup>

### 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]		Qty.	Order No.
ZAP ZDU10/16S	2	20	1739660000

width [mm]		Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

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

SD 1.0x5.5x150	Qty.	Order No.
1	1	9008350000

SSCH 10X3X1000 CU/SN	Qty.	Order No.
1	1	0348900000

width [mm]		Qty.	Order No.
ZB 4K BL	50	50	0475380000
ZB 16K BL	50	50	0502880000
ZB 35/M6X16	20	20	0266500000

DEK 5	Qty.	Order No.
1	1	

Type	Current [A]	Qty.	Order No.

width [mm]		Qty.	Order No.

width [mm]		Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

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

SD 1.0x5.5x150	Qty.	Order No.
1	1	9008350000

SSCH 10X3X1000 CU/SN	Qty.	Order No.
1	1	0348900000

width [mm]		Qty.	Order No.
ZB 4K BL	50	50	0475380000
ZB 16K BL	50	50	0502880000
ZB 35K BL M6X16	20	20	0502680000

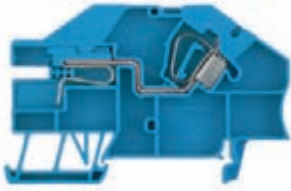
DEK 5	Qty.	Order No.
1	1	

End plate is integrated.

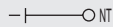
**ZDU 4 NT**

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

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 x 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	<b>1778080000</b>
ZDU 4/NT	50	<b>1757980000</b>

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.
ZAP ZDU4/NT	1.5	20	<b>1757970000</b>
ZHP ZDU4/NT SO	5	20	<b>1803890000</b>
ZEW 35	6	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN		1	<b>0348900000</b>
ZB 4K BL		50	<b>0475380000</b>
ZB 16K BL		50	<b>0502880000</b>
ZB 35K BL M6X16		20	<b>0502680000</b>

DEK 5 / WS 15/5

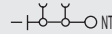
**ZDU 10 NT**

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

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...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.
ZDU 10/NT	25	<b>1762420000</b>

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.
ZQV 10/2	57	25	<b>1739680000</b>
ZAP ZDU10/16S	2	20	<b>1739660000</b>
ZHP ZDU4/NT SO	5	20	<b>1803890000</b>
ZEW 35	6	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
SSCH 10X3X1000 CU/SN		1	<b>0348900000</b>
ZB 4K BL		50	<b>0475380000</b>
ZB 16K BL		50	<b>0502880000</b>
ZB 35K BL M6X16		20	<b>0502680000</b>

DEK 5 / WS 12/5

## Installation terminals

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

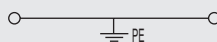
### ZPE 2.5 S

2.5 mm<sup>2</sup>

Two connections



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



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

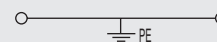
### ZPE 4 S

4 mm<sup>2</sup>

Two connections



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



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

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

## Technical data

### Rated data

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

### Clamped conductors (H05V/H07V)

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

### Note

## Ordering data

### Version

dark beige Wernid  
blue Wernid

### 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 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<sup>2</sup>

rigid / flexible 6 - 16 / 4mm<sup>2</sup>

flexible 16 - 35mm<sup>2</sup>

### 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.
ZAP ZDU 2.5 S		2 20	1808030000
ZHP S		3 20	1808290000
ZHP S SO		3 20	1808280000
ZEW 35		6 20	9540000000
SD 0.6x3.5x100		1	9008330000
ZEW 35		6 20	9540000000
SD 0.6x3.5x100		1	9008330000
DEK 5 / WS 10/5			

width [mm]			
ZAP ZDU 2.5 S	2	20	1808030000

width [mm]			
ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

width [mm]			
ZEW 35	6	20	9540000000

SD 0.6x3.5x100		1	9008330000
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width [mm]			
DEK 5 / WS 10/5			

Type	Current [A]	Qty.	Order No.
ZAP ZDU 4 S		2 20	1808380000
ZHP S		3 20	1808290000
ZHP S SO		3 20	1808280000
ZEW 35		6 20	9540000000
SD 0.6x3.5x100		1	9008330000
ZEW 35		6 20	9540000000
SD 0.6x3.5x100		1	9008330000
DEK 6 / WS 10/6			

width [mm]			
ZAP ZDU 4 S	2	20	1808380000

width [mm]			
ZHP S	3	20	1808290000
ZHP S SO	3	20	1808280000

width [mm]			
ZEW 35	6	20	9540000000

SD 0.6x3.5x100		1	9008330000
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width [mm]			
DEK 6 / WS 10/6			





## Installation terminals

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

### ZDL 2.5/S/NT/L/PE

2.5 mm<sup>2</sup>

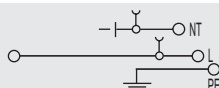
Neutral conductor disconnection - phase - PE



5.1 x 95 x 48.5

24 / 4

0.13 ... 4



### ZDL 2.5/S/L/L

2.5 mm<sup>2</sup>

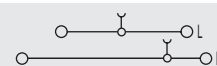
Phase - phase



5.1 x 95 x 48.5

24 / 4

0.13 ... 4



**width x length x height with TS** 35 x 7.5 mm  
max. current / max. cond. cross-section A/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

### Technical data

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

### Note

### Ordering data

Version	
	dark beige Wernid blue Wernid
Note	

### 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 <sup>2</sup> rigid / flexible 6 - 16 / 4mm <sup>2</sup> flexible 16 - 35mm <sup>2</sup>
Marking systems	
	(see large assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications see "Accessories"	

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

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

Type	Qty.	Order No.
ZDL 2.5 S/L/L	50	1720760000
Note		
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 ZDL2.5	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			
Note			
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			
Note			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

**ZDL 2.5/S/N**

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

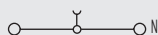
Neutral conductor



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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDL 2.5 S/N	50	1720770000

Spacing between mounting plates should be 200mm.

**ZDL 2.5/S/L**

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

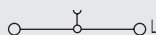
Phase



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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDL 2.5 S/L	50	1720780000

Spacing between mounting plates should be 200mm.

**ZDL 2.5/S/N/L**

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

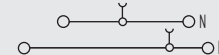
Neutral conductor - phase



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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

SD 0.6x3.5x100	1	9008330000
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SSCH 10X3X1000 CU/SN	1	0348900000
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width [mm]			
ZB 4K BL	50	0475380000	
ZB 16K BL	50	0502880000	
ZB 35K BL M6X16	20	0502680000	

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

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

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

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

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.

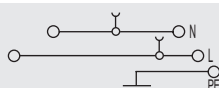
### ZDL 2.5/S/N/L/PE

2.5 mm<sup>2</sup>

Neutral conductor - phase - PE



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



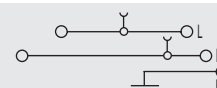
### ZDL 2.5/S/L/L/PE

2.5 mm<sup>2</sup>

Phase - phase - PE



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



width x length x height with TS 35 x 7.5 mm  
max. current / max. cond. cross-section A/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

## Technical data

### Rated data

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

### Clamped conductors (H05V/H07V)

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

### Note

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

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

### Version

dark beige Wernid  
blue Wernid

### 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 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<sup>2</sup>  
rigid / flexible 6 - 16 / 4mm<sup>2</sup>  
flexible 16 - 35mm<sup>2</sup>

### 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]		Qty.	Order No.
ZAP ZDL2.5S	1.5	20	1720900000

width [mm]		Qty.	Order No.
ZHP ZDL2.5S BL	3	20	1720890000
ZHP Z/W SO	5	20	1781070000

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

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

width [mm]		Qty.	Order No.
SSCH 10X3X1000 CU/SN		1	0348900000

width [mm]		Qty.	Order No.
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000

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]		Qty.	Order No.
ZAP ZDL2.5S	1.5	20	1720900000

width [mm]		Qty.	Order No.
ZHP ZDL2.5S BL	3	20	1720890000
ZHP Z/W SO	5	20	1781070000

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

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

width [mm]		Qty.	Order No.
SSCH 10X3X1000 CU/SN		1	0348900000

width [mm]		Qty.	Order No.
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

**Technical data**



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

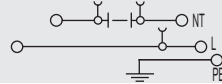
**ZDL 2.5/NT/L/PE**

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

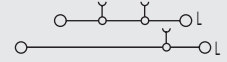
**ZDL 2.5/L/L**

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDL 2.5/L/L	50	1720830000

Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/20 GE	24	20	1909000000
		width [mm]	
ZAP ZDL2.5	1.5	20	1720910000
		width [mm]	
ZEW 35	6	20	9540000000
		width [mm]	
SD 0.6x3.5x100		1	9008330000
		width [mm]	
SD 0.6x3.5x100		1	9008330000
		width [mm]	
DEK 5			

## 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/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### ZDL 2.5/N

2.5 mm<sup>2</sup>

Neutral conductor



5.1 x 95 x 48.5

24 / 4

0.13 ... 4



### ZDL 2.5/L

2.5 mm<sup>2</sup>

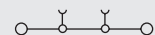
Phase



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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

### Note

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

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

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

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

2.5 mm<sup>2</sup> 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/N	50	1720840000

Type	Qty.	Order No.
ZDL 2.5/L	50	1720850000

## Accessories

### Cross-connection, pluggable



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

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

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

### End plate / Partition plate

dark beige Wemid  
blue Wemid

Type	width [mm]	Qty.	Order No.
ZAP ZDL2.5	1.5	20	1720910000

Type	width [mm]	Qty.	Order No.
ZAP ZDL2.5	1.5	20	1720910000

### End bracket

dark beige Wemid

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

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

### Test adapter

For testing wired terminal strips  
Standard with spigot

### Screwdrivers

with cutting device "swifty set"  
Standard

SD 0.6x3.5x100	1	9008330000
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SD 0.6x3.5x100	1	9008330000
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### 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
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DEK 5
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For detailed information on other accessories and applications see "Accessories"

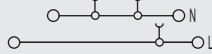
**ZDL 2.5/N/L**

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

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

**ZDL 2.5/N/L/PE**

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

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

**ZDL 2.5/L/L/PE**

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

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

**D**

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

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

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]	Qty.	Order No.	
ZAP ZDL2.5	1.5	20	1720910000

width [mm]	Qty.	Order No.	
ZAP ZDL2.5	1.5	20	1720910000

width [mm]	Qty.	Order No.	
ZAP ZDL2.5	1.5	20	1720910000

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

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

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

SD 0.6x3.5x100	1	9008330000
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SD 0.6x3.5x100	1	9008330000
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SD 0.6x3.5x100	1	9008330000
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DEK 5		
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DEK 5		
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DEK 5		
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## Installation terminals

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

### ZDK 4/S/L/L

4 mm<sup>2</sup>

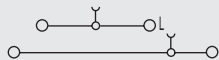
Phase - phase



6.1 x 122 x 50.5

32 / 6

0.13 ... 6



### ZDK 4/ S/N/L

4 mm<sup>2</sup>

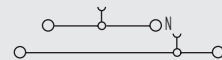
Neutral conductor - phase



6.1 x 122 x 50.5

32 / 6

0.13 ... 6



**width x length x height with TS** 35 x 7.5 mm  
max. current / max. cond. cross-section A/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

## Technical data

### Rated data

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

### Clamped conductors (H05V/H07V)

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

### Note

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

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

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

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/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

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

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

### End plate / Partition plate

dark beige Wernid  
blue Wernid

Type	width [mm]	Qty.	Order No.
ZAP ZDK4/6S	2	20	1733240000

Type	width [mm]	Qty.	Order No.
ZAP ZDK4/6S	2	20	1733240000

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



blue Wernid  
for vertical installation position

Type	width [mm]	Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Type	width [mm]	Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

### End bracket

dark beige

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

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

### Screwdrivers

with cutting device "swifty set"  
Standard

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

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

### Busbar 10 x 3 (140A)

(further types in chapter F)  
top of busbar to top of TS 35 = 25.5 mm

Type	width [mm]	Qty.	Order No.
SSCH 10X3X1000 CU/SN		1	0348900000

Type	width [mm]	Qty.	Order No.
SSCH 10X3X1000 CU/SN		1	0348900000

### Tension clamp for supplying 10 x 3 busbars

rigid / flexible 0.5 - 6 / 4mm<sup>2</sup>  
rigid / flexible 6 - 16 / 4mm<sup>2</sup>  
flexible 16 - 35mm<sup>2</sup>

Type	width [mm]	Qty.	Order No.
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000

Type	width [mm]	Qty.	Order No.
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000

### Marking systems

(see large assortment in catalogue 7)  
Marking tags

Type	width [mm]	Qty.	Order No.
DEK 5			

Type	width [mm]	Qty.	Order No.
DEK 5			

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

**ZDK 4/S/NT**

4 mm<sup>2</sup>

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.

**ZDK 4/S/N**

4 mm<sup>2</sup>

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.

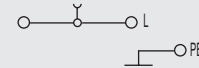
**ZDK 4/S/L/PE**

4 mm<sup>2</sup>

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

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
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

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
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

DEK 5



## Installation terminals

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

### ZDK 4/S/N/PE

4 mm<sup>2</sup>

Neutral conductor - PE



### ZDK 6/S/L/L

6 mm<sup>2</sup>

Phase - phase

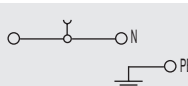


**width x length x height with TS** 35 x 7.5 mm  
max. current / max. cond. cross-section A/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

6.1 x 122 x 50.5

32 / 6

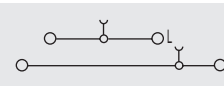
0.13 ... 6



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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

### Clamped conductors (H05V/H07V)

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

### Note

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

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

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

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

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

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

### End plate / Partition plate

dark beige Wernid  
blue Wernid

Type	Current [A]	Qty.	Order No.
ZAP ZDK4/6S	2	20	1733240000

Type	Current [A]	Qty.	Order No.
ZAP ZDK4/6S	2	20	1733240000

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



blue Wernid  
for vertical installation position

Type	Current [A]	Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Type	Current [A]	Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

### End bracket

dark beige

Type	Current [A]	Qty.	Order No.
ZEW 35	6	20	9540000000

Type	Current [A]	Qty.	Order No.
ZEW 35	6	20	9540000000

### Screwdrivers

with cutting device "swifty set"  
Standard

Type	Current [A]	Qty.	Order No.
SD 0.6x3.5x100		1	9008330000

Type	Current [A]	Qty.	Order No.
SD 1.0x5.5x150		1	9008350000

### Busbar 10 x 3 (140A)

(further types in chapter F)  
top of busbar to top of TS 35 = 25.5 mm

Type	Current [A]	Qty.	Order No.
SSCH 10X3X1000 CU/SN		1	0348900000

Type	Current [A]	Qty.	Order No.
SSCH 10X3X1000 CU/SN		1	0348900000

### Tension clamp for supplying 10 x 3 busbars

rigid / flexible 0.5 - 6 / 4mm<sup>2</sup>  
rigid / flexible 6 - 16 / 4mm<sup>2</sup>  
flexible 16 - 35mm<sup>2</sup>

Type	Current [A]	Qty.	Order No.
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000

Type	Current [A]	Qty.	Order No.
ZB 4K BL	50		0475380000
ZB 16K BL	50		0502880000
ZB 35K BL M6X16	20		0502680000

### Marking systems

(see large assortment in catalogue 7)  
Marking tags

Type	Current [A]	Qty.	Order No.
DEK 5			

Type	Current [A]	Qty.	Order No.
DEK 8			

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

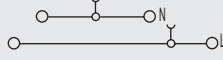
**ZDK 6/S/N/L**

6 mm<sup>2</sup>

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).

Type	Qty.	Order No.
ZDK 6S/N/L	25	1733490000

Spacing between mounting plates should be 200mm.

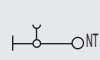
**ZDK 6/S/NT**

6 mm<sup>2</sup>

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).

Type	Qty.	Order No.
ZDK 6S/NT	25	1733250000

Spacing between mounting plates should be 200mm.

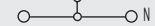
**ZDK 6/S/N**

6 mm<sup>2</sup>

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	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
--------	---	----	------------

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 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
--------	---	----	------------

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 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
--------	---	----	------------

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 8

## Installation terminals

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

### ZDK 6/S/L/PE

6 mm<sup>2</sup>

Phase - PE conductor



### ZDK 6/S/N/PE

6 mm<sup>2</sup>

Neutral conductor - phase

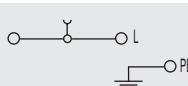


**width x length x height with TS** 35 x 7.5 mm  
max. current / max. cond. cross-section A/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

8.1 x 124 x 50.5

41 / 10

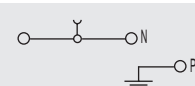
0.33 ... 10



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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

### Clamped conductors (H05V/H07V)

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

### Note

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

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

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

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

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

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

### End plate / Partition plate

dark beige Wernid  
blue Wernid

Type	Current [A]	Qty.	Order No.
ZQV 6/24 GE	41	10	1908990000
<b>width [mm]</b>			
ZAP ZDK4/6S	2	20	1733240000

Type	Current [A]	Qty.	Order No.
ZQV 6/24 GE	41	10	1908990000
<b>width [mm]</b>			
ZAP ZDK4/6S	2	20	1733240000

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



blue Wernid  
for vertical installation position

Type	Current [A]	Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

Type	Current [A]	Qty.	Order No.
ZHP Z/W BL	3	20	1745180000
ZHP Z/W SO	5	20	1781070000

### End bracket

dark beige

Type	Current [A]	Qty.	Order No.
ZEW 35	6	20	9540000000

Type	Current [A]	Qty.	Order No.
ZEW 35	6	20	9540000000

### Screwdrivers

with cutting device "swifty set"

Standard

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

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

### Busbar 10 x 3 (140A)

(further types in chapter F)

top of busbar to top of TS 35 = 25.5 mm

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

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

### Tension clamp for supplying 10 x 3 busbars

rigid / flexible 0.5 - 6 / 4mm<sup>2</sup>

rigid / flexible 6 - 16 / 4mm<sup>2</sup>

flexible 16 - 35mm<sup>2</sup>

Type	Current [A]	Qty.	Order No.
ZB 4K BL	50	0475380000	
ZB 16K BL	50	0502880000	
ZB 35K BL M6X16	20	0502680000	

Type	Current [A]	Qty.	Order No.
ZB 4K BL	50	0475380000	
ZB 16K BL	50	0502880000	
ZB 35K BL M6X16	20	0502680000	

### Marking systems

(see large assortment in catalogue 7)

Marking tags

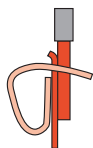
DEK 8
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DEK 8
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For detailed information on other accessories and applications see "Accessories"



# 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 <sup>2</sup>	4 mm <sup>2</sup>
<b>Feed-through terminals</b>		
1 tension clamp connection / 1 pluggable connection	•	•
2 tension clamp connections / 1 pluggable connection	•	
2 tension clamp connections / 2 pluggable connections	•	•
4 pluggable connections	•	
<b>Protective earth terminals</b>		
1 tension clamp connection / 1 pluggable connection	•	•
2 tension clamp connections / 1 pluggable connection	•	
2 tension clamp connections / 2 pluggable connections	•	•
4 pluggable connections	•	
<b>Double level terminals</b>		
Feed-through	•	
Feed-through / protective earth	•	
Protective earth	•	
<b>Disconnect terminals</b>		
2 tension clamp connections / 2 pluggable connections	•	
<b>Plug-in connector</b>		
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**

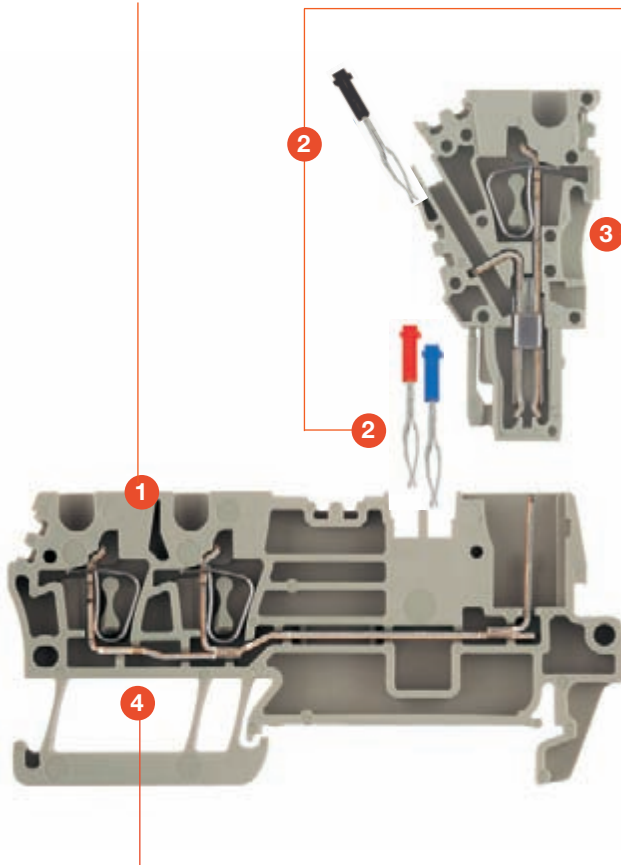
- 2- to 10-pole or “continuous” for individual assembly
- Full rated current
- Breakout poles for alternate terminals
- Up to three potentials possible



**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

**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.



**Safe locking**

Locking elements safely connect all plug-in connectors with the basic terminal.



## Pluggable standard terminals WeiCoS

### Feed-through terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm<sup>2</sup>.

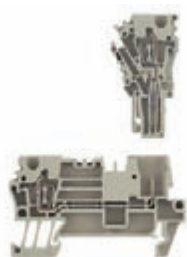
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### ZT 2.5/2AN/1

2.5 mm<sup>2</sup>

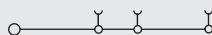
1 tension clamp conn. / 1 push-on conn.



5.1 x 58 x 35

24 / 4

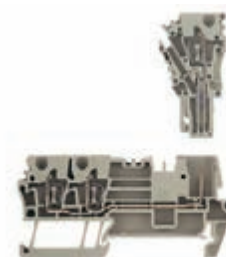
0.13 ... 4



### ZT 2.5/3AN/1

2.5 mm<sup>2</sup>

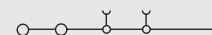
2 tension clamp conn. / 1 push-on conn.



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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 mm <sup>2</sup> 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 mm <sup>2</sup> 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	ZP 2.5/1AN/QV/1
2-pole	ZP 2.5/1AN/QV/2
3-pole	ZP 2.5/1AN/QV/3
4-pole	ZP 2.5/1AN/QV/4
5-pole	ZP 2.5/1AN/QV/5
6-pole	ZP 2.5/1AN/QV/6
8-pole	ZP 2.5/1AN/QV/8
10-pole	ZP 2.5/1AN/QV/10
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"	

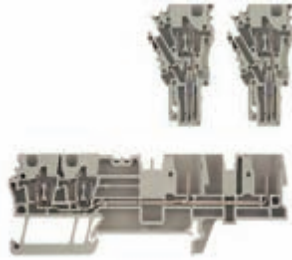
Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/4 GE	24	60	1693820000
ZQV 2.5N/10 GE	24	20	1693880000
ZQV 2.5N/20 GE	24	20	1909000000
width [mm]			
ZAP/TW ZT2.5/2AN	2.5	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5	50	1816040000
ZTA ZT2.5		25	1827080000
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			

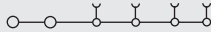
ZT 2.5/4AN/2

2.5 mm<sup>2</sup>

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		



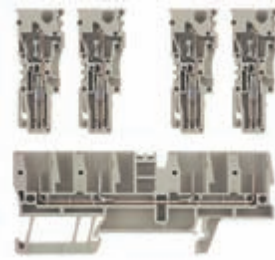
Rated connection	pluggable connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5	

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

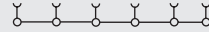
ZT 2.5/4AN/4

2.5 mm<sup>2</sup>

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		



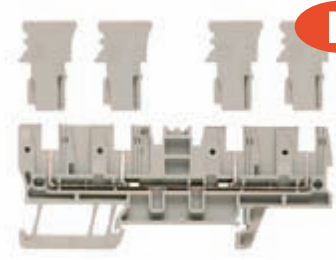
Rated connection	pluggable connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
/ 0.6 x 3.5	

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

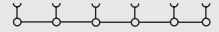
ZTC 2.5/4AN/4

2.5 mm<sup>2</sup>

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		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

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		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

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

DEK 5 / WS 10/5

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### Technical data


Rated data	
Rated voltage	V
max. voltage of clamp support & pluggable system	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm / -

**Note**


### Ordering data

Base terminal	dark beige Wernid
---------------	-------------------

pluggable connector	
	<i>For detailed information on all variations see "Accessories"</i>
	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 Wernid	
orange Wernid	

Test adapter	
Standard with spigot	

Miscellaneous accessories, WeiCoS	
Locking element	ZVR ZP4
Coding element	KOSF ZT4
Strain relief	ZZE ZP4

Screwdrivers	
with cutting device "swifty set"	
Standard	SD 0.6x3.5x100

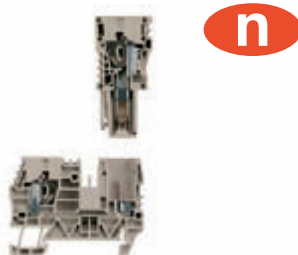
Labelling systems	
(see large assortment in catalogue 7)	
Marking tags	DEK 5 / WS 10/6

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

### ZT 4/2AN/1

4 mm<sup>2</sup>

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...6 / 0.5...4		0.5...6 / 0.5...4	
12 / 0.6 x 3.5		12 / 0.6 x 3.5	

**Note**

Type	Qty.	Order No.
ZT 4/2AN/1	50	1854960000
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/8	20	1855050000
ZP 4/1AN/10	10	1855070000

**Note**

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

width [mm]	
ZAP/TW ZT4/2AN	50
ZAP/TW ZT4/2AN OR	50

Type	Current [A]	Qty.	Order No.
ZVR ZP4	25	25	1855250000
KOSF ZT4	50	50	1856860000
ZZE ZP4	25	25	1855260000

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

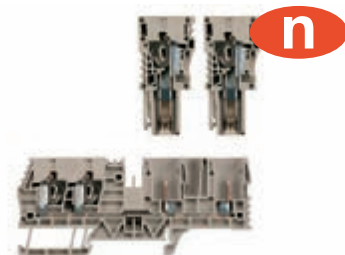
Type	Qty.	Order No.
DEK 5 / WS 10/6		

**Note**

### ZT 4/4AN/2

4 mm<sup>2</sup>

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...6 / 0.5...4		0.5...6 / 0.5...4	
12 / 0.6 x 3.5		12 / 0.6 x 3.5	

**Note**

Type	Qty.	Order No.
ZT 4/4AN/2	50	1848350000
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/8	20	1855050000
ZP 4/1AN/10	10	1855070000

**Note**

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

width [mm]	
ZAP/TW ZT4/4AN/2	50
ZAP/TW ZT4/4AN/2 OR	50

Type	Current [A]	Qty.	Order No.
ZVR ZP4	25	25	1855250000
KOSF ZT4	50	50	1856860000
ZZE ZP4	25	25	1855260000

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

Type	Qty.	Order No.
DEK 5 / WS 10/6		

**Note**



## Pluggable standard terminals WeiCoS

### Modular PE terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm<sup>2</sup>.

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

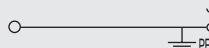
### ZTPE 2.5/2AN/1

2.5 mm<sup>2</sup>

1 tension clamp conn. / 1 push-on conn.



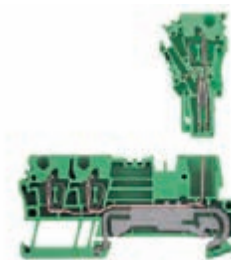
5.1 x 58 x 35  
 / 4  
 0.13 ... 4



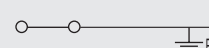
### ZTPE 2.5/3AN/1

2.5 mm<sup>2</sup>

2 tension clamp conn. / 1 push-on conn.



5.1 x 71.5 x 35  
 / 4  
 0.13 ... 4



### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm
Note	

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 <sup>2</sup> )		
	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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26... 12	AWG 26... 12	
	500		
	6		
	300 A (2.5 mm <sup>2</sup> )		
	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 mm<sup>2</sup> 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	
	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	

Type	Qty.	Order No.
ZTPE 2.5/2AN/1	50	1815080000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	Qty.	Order No.
ZTPE 2.5/3AN/1	50	1815100000
ZP 2.5/1AN/QV/1 GN	50	1820570000

### 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"	

Type	width [mm]	Qty.	Order No.
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
SH 2		10	0494920000
DEK 5 / WS 10/5			

Type	width [mm]	Qty.	Order No.
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
SH 2		10	0494920000
DEK 5 / WS 10/5			







## Pluggable standard terminals WeiCoS

### Double level terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### ZDT 2.5/2

2.5 mm<sup>2</sup>

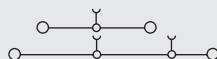
Two potentials feasible



5.1 x 80.5 x 52.5

24 / 4

0.13 ... 4



### ZDT 2.5/2 DU-PE

2.5 mm<sup>2</sup>

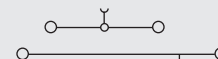
Phase - PE conductor



5.1 x 80.5 x 52.5

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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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	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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

### Ordering data

Base terminal	
	dark beige Wernid

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.
ZDT 2.5/2	50	1815150000
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZDT 2.5/2 DU-PE	50	1815160000
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

### Accessories

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

End plate	
	dark beige Wernid
	orange Wernid

Test adapter	
	Standard
	with spigot

Miscellaneous accessories, WeiCoS	
Locking element	ZVR ZP2.5
Coding element	KOSF ZT2.5
Strain relief	ZZE ZP2.5

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 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
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DEK 5		
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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 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
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DEK 5		
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### Double level terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm<sup>2</sup>.

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.

<b>width x length x height with TS</b>	<b>35 x 7.5</b>	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>	
max. clamping range	mm <sup>2</sup>	

### ZDT 2.5/2 PE

2.5 mm<sup>2</sup>

2 tension clamp conn. / 2 push-on conn.



<b>5.1 x 80.5 x 52.5</b>	
<b>/ 4</b>	
<b>0.13 ... 4</b>	

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm

**Note**

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 <sup>2</sup> )
			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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

### Ordering data

Base terminal	
	green/yellow Wemid
pluggable connector	
<p>For detailed information on all variations see "Accessories"</p>	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	10-pole
(ZP 2.5/1AN/QV/1)	
Note	

Type	Qty.	Order No.
ZDT 2.5/2 PE	50	1815170000
ZP 2.5/1AN/QV/1 GN	50	1820570000

### 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"	

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<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	

## Approvals

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

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

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

## Note

## Ordering data

## Version

dark beige Wernid
blue Wernid
without disconnecter, dark beige Wernid

## Note

## Accessories

## Cross-connection, pluggable



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

## End plate / Partition plate

End plate	dark beige Wernid
Partition plate	dark beige Wernid

## 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 Wernid

## Labelling systems

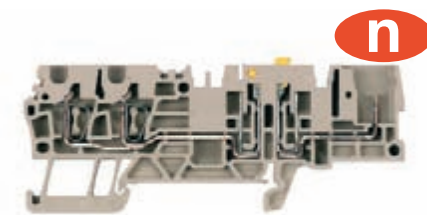
(see large assortment in catalogue 7)  
Marking tags

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

## ZTTR 2.5

2.5 mm<sup>2</sup>

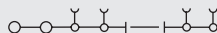
2 tension clamp conn. / 1 push-on conn.



5.1 x 87 x 36.5

18 / 4

0.13 ... 4



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	

## UL 94 V-0

## Rated connection

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

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Type

## Qty.

## Order No.

ZTTR 2.5	50	1865510000
ZTTR 2.5/O. TNHE	50	1905470000

## 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
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## width [mm]

ZEW 35	6	20	9540000000
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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
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SIHA 3/G20/LD 10-36V	25	7921560000
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SIHA 3/G20/LD 140-250V	25	7921560000
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BEST	50	1833100000
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BEST/DRBR	50	1878570000
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BEST/D	50	1878560000
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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 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. conductor	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

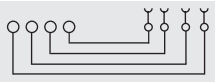
### ZRV 1.5

1.5 mm<sup>2</sup>

Base terminal - plug



<b>5.1 x 89.5 x 52</b>
<b>/ 2.5</b>
<b>0.33 ... 2.5</b>



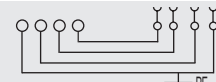
### ZRV 1.5/PE

1.5 mm<sup>2</sup>

Base terminal - plug



<b>5.1 x 89.5 x 52</b>
<b>/ 2.5</b>
<b>0.33 ... 2.5</b>



### Technical data

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

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm / -

Note

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	

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	

### Ordering data

Base terminal	
Base terminal	
Plug	

Note

Type	Qty.	Order No.
ZRV 1.5	50	1698160000

Type	Qty.	Order No.
ZRV 1.5/PE	50	1698170000

### 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"

Type	Current [A]	Qty.	Order No.
STGH 4 ZRV1.5		50	1698190000
DFFC 0.2-0.35 ZRV1.5		500	1705310000
DFFC .5-1.0 ZRV1.5		500	1705320000

Type	Current [A]	Qty.	Order No.
STGH 4 ZRV1.5/PE GN		50	1698200000
DFFC 0.2-0.35 ZRV1.5		500	1705310000
DFFC .5-1.0 ZRV1.5		500	1705320000

HTF ZRV	1	9014840000
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HTF ZRV	1	9014840000
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AP ZRV1.5 DB	10	1698180000
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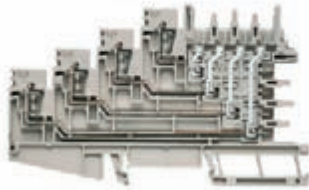
AP ZRV1.5 DB	10	1698180000
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DEK 5
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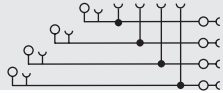
DEK 5
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ZRV 2.5/2

2.5 mm<sup>2</sup>



5.2 x 115 x 70  
10 / 4  
0.05 ... 4



IEC 60947-7-1 / IEC 61984

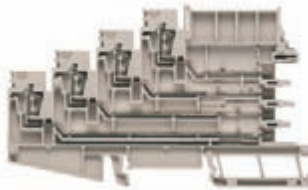
IEC	UL	CSA	EN 60079-7
250	300		
10	10		
2.5	AWG 24 ... 14		
4 / 3			
A2 / V-0			



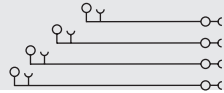
Rated connection	Crimp connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	0.2...2.5
10 / 0.6 x 3.5	

ZRV 2.5/1

2.5 mm<sup>2</sup>



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

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

AP ZRV2.5	10	1906980000
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AP ZRV2.5	10	1906980000
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DEK 5 / WS 12/5

DEK 5 / WS 12/5

## Pluggable standard terminals WeiCoS

### Plug-in connector

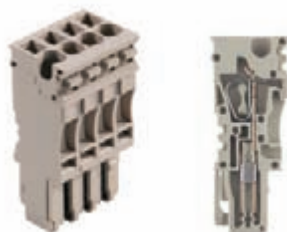
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### ZP 2.5/1AN

2.5 mm<sup>2</sup>

2...17-pole

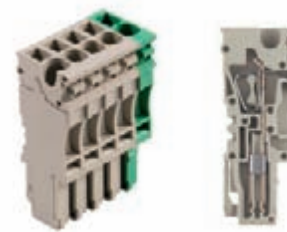


x 16 x 41
24 / 4
0.13 ... 4

### ZP 2.5/1AN/GN/BE

2.5 mm<sup>2</sup>

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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 mm<sup>2</sup> 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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

### Ordering data

	beige Wemid	1-pole	ZP 2.5/1AN/1	50	1815430000
		2-pole	ZP 2.5/1AN/2	25	1815440000
		3-pole	ZP 2.5/1AN/3	25	1815450000
		4-pole	ZP 2.5/1AN/4	25	1815500000
		5-pole	ZP 2.5/1AN/5	25	1815510000
		6-pole	ZP 2.5/1AN/6	25	1815520000
		7-pole	ZP 2.5/1AN/7	25	1815530000
		8-pole	ZP 2.5/1AN/8	20	1815540000
		9-pole	ZP 2.5/1AN/10	20	1815560000
		10-pole	ZP 2.5/1AN/10	20	1815560000
		11-pole	ZP 2.5/1AN/11	20	1815570000
		12-pole	ZP 2.5/1AN/12	20	1815580000
		13-pole	ZP 2.5/1AN/13	10	1815590000
		14-pole	ZP 2.5/1AN/14	10	1815600000
		15-pole	ZP 2.5/1AN/15	10	1815610000
		16-pole	ZP 2.5/1AN/16	10	1815620000
		17-pole	ZP 2.5/1AN/17	10	1815180000
green Wemid	1-pole	ZP 2.5/1AN/1 GN	50	1820580000	
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

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

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"	

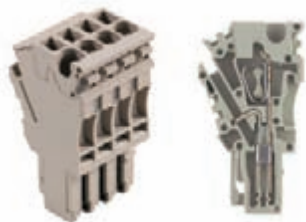
Type	Current [A]	Qty.	Order No.
ZQV 2.5N/2 GE	24	60	1693800000
ZQV 2.5N/3 GE	24	60	1693810000
ZQV 2.5N/10 GE	24	20	1693880000
width [mm]			
ZTA ZT2.5		25	1827080000
SD 0.6x3.5x100		1	9008330000
ZGB 30		20	1611930000
ESO 7 A4-BOGEN WEISS		1	1607720000
STR 7 F.SCHT 7		20	0515300000
DEK 5 / ZGB 30			

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			

ZP 2.5/1AN/QV

2.5 mm<sup>2</sup>

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		



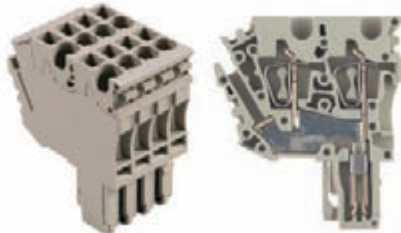
Rated connection	pluggable connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5	

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZP 2.5/2AN/QV

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZP 4/1AN

2.5 mm<sup>2</sup>

1...17-pole



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 mm<sup>2</sup> 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.
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 / 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 <sup>2</sup>
max. clamping range	mm <sup>2</sup>

## ZP 2.5 ZVR

2.5 mm<sup>2</sup>

2...12-pole



x 23 x 41
24 / 4
0.13 ... 4

## ZPS 2.5/1AN/QV

2.5 mm<sup>2</sup>

1...16-pole



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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 mm<sup>2</sup> 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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

beige Wemid



Type	Qty.	Order No.
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 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZPS 2.5/ ... ZVLA DF CL

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZPS 2.5/ ... ZVLA1

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

D

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 2.5/6 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 2.5/6 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 2.5/6 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 <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### ZPS 2.5/ ... ZVLA DF

2.5 mm<sup>2</sup>

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 mm<sup>2</sup>

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 <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 mm<sup>2</sup> 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 mm<sup>2</sup> 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
green Wemid	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			



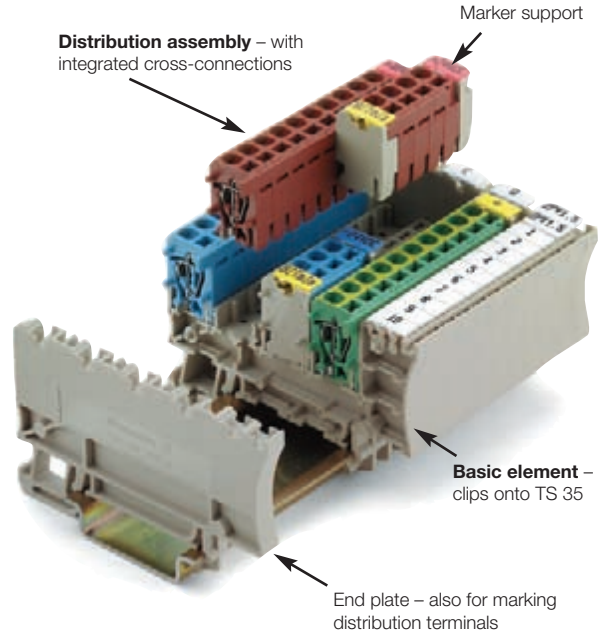
# Distribution System

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.

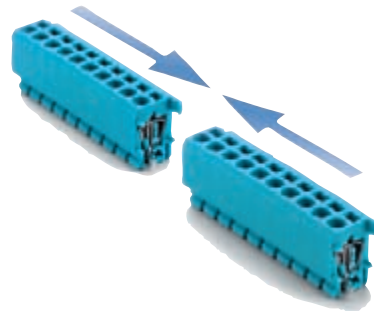
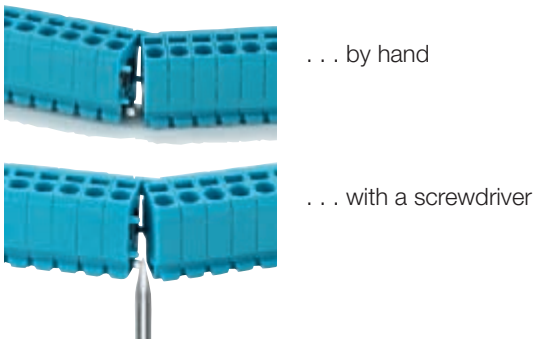
**D** The supports for these module combinations are the basic elements which simply clip onto TS-35 mounting rails. The basic elements are available in different versions:

- Simple support elements without electric function (ZPV 1.5)
- Basic elements for supplying initiators and actuators as 3- or 4-core connection

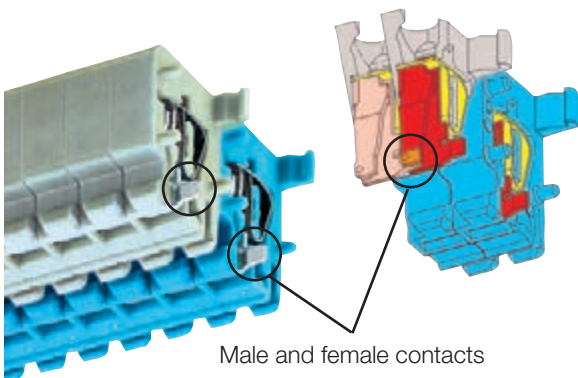


## ZPV 1.5 – for easy assembly of variable pole numbers

- Easily separated
- Easily plugged into each other



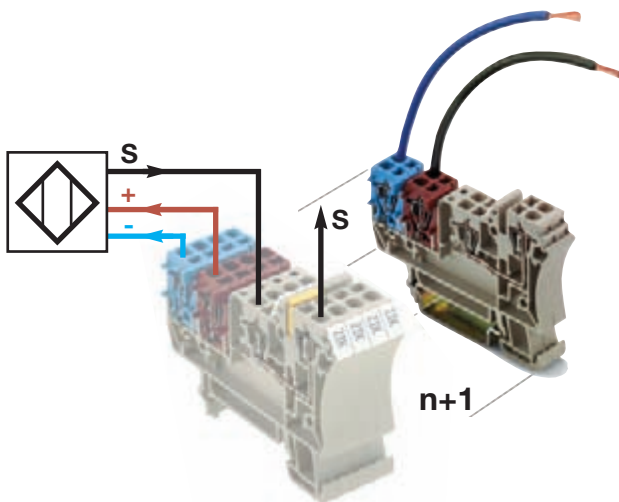
- Integrated cross-connection
- Clips onto the basic elements by hand



# 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)

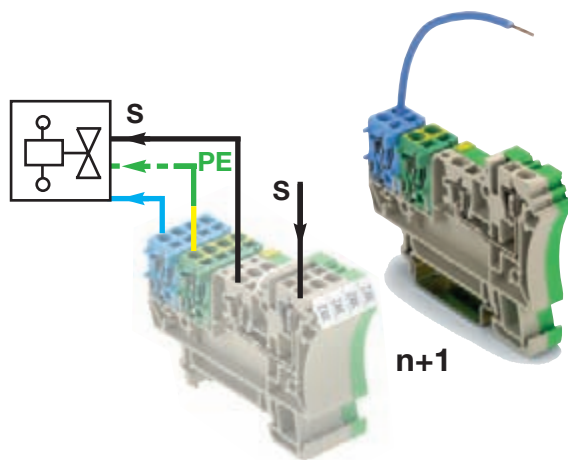
4-core basic elements are used for initiator supply with additional PE connection; these can take 3 distribution terminals.



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.

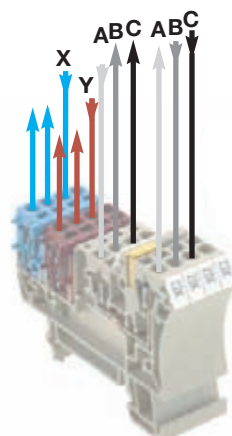
The control or information signal (S) is forwarded via the two clamping points of the basic elements. These can also be supplied optionally with an LED for status display.



### 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.





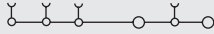
**ZIA 1.5/4 L...**

**1.5 mm<sup>2</sup>**

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)

Type	Qty.	Order No.
ZIA 1.5/4L-1S	100	1652010000
ZIA 1.5/4L-1S/LD	50	1652020000
ZIA 1.5/4L-PE	20	1652030000
Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
width [mm]			
ZAP/TWZIA1.5/4L	5.1	50	1649550000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5N/1		1000	1632140000
ZRH 1.5N/2		1000	1632130000

DEK 5

**ZVL 1.5**

**1.5 mm<sup>2</sup>**

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.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000

Type	Current [A]	Qty.	Order No.
SD 0.6x3.5x100		1	9008330000
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

Integral cross-connections. Distributor strip for base element ZPV 1.5 order No. 1676630000

## Mini terminals

# Modular design

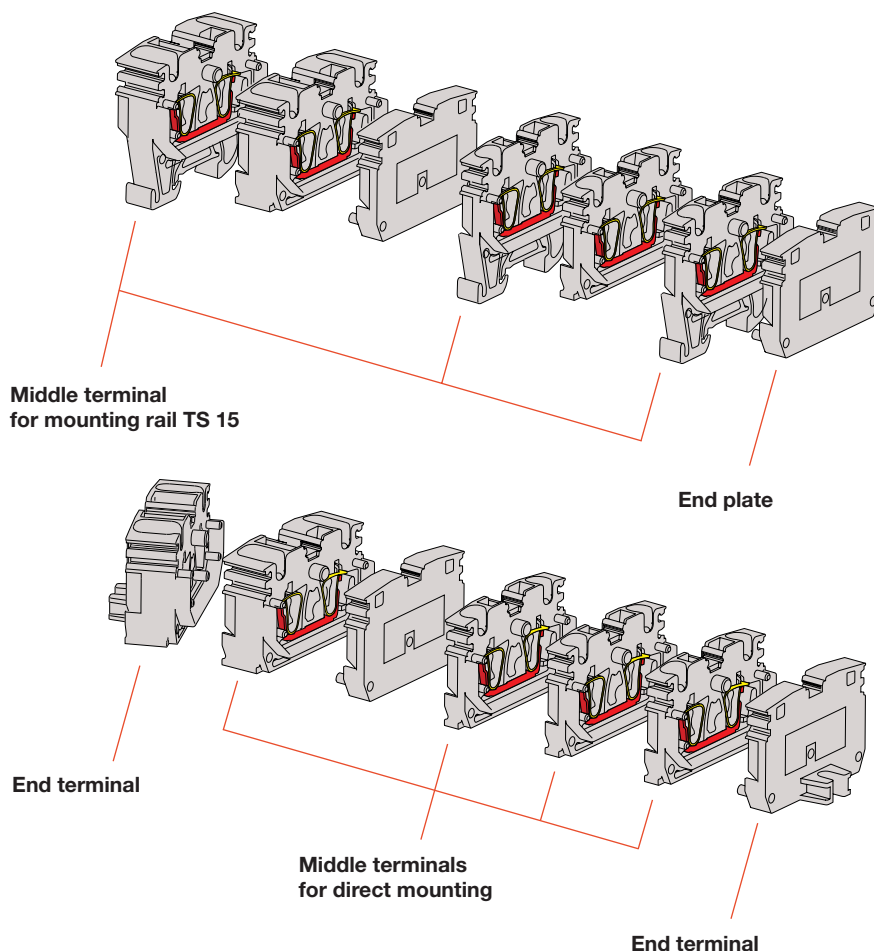
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

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**

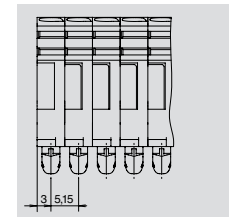
#### Clip-on fastening on mounting plates

The terminals are simply clipped on to mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes.

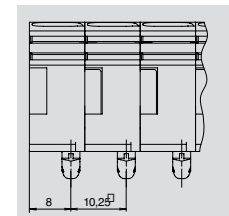
The open side of the terminal is closed by an end plate.



**Drilling plan:**  
ZDUB/2.5-2/2AN



ZDUB 2.5-2/4AN



**ZPEB 2.5-2 TS 15**

#### Fitting on mounting rail TS 15

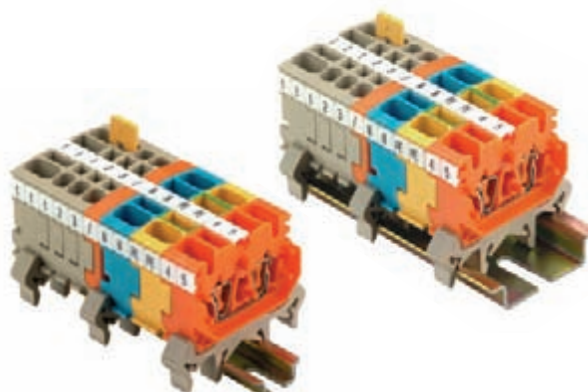
For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.



**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.







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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. conductor	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

**Technical data**


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

**Note**

**Ordering data**

Central terminals	
	dark beige Wernid
	blue Wernid
	yellow Wernid
	green/yellow Wernid
End terminals	
<i>with fixing option</i>	dark beige Wernid
<i>external, 1 pc. required for Block assembly</i>	blue Wernid
	yellow Wernid
Note	

**Accessories**


Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate / Partition plate	
	dark beige Wernid
	blue Wernid
	orange PA
End bracket	
Fixing blocks	
<i>1 pc. necessary when assembling blocks (alternative to end terminals)</i>	dark beige Wernid
	blue Wernid
Screwdrivers	
	Standard
Mounting foot for TS 15 & TS 35	
	dark beige Wernid
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 mm<sup>2</sup>

Two connections for direct mount



<b>5.1 x 33 x 24</b>	
<b>30 / 4</b>	
<b>0.13 ... 4</b>	

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	

Direct mounting




**ZDUB 2.5-2/4AN/DM**

2.5 mm<sup>2</sup>

Four connections for direct mount



<b>10.2 x 33.5 x 24</b>	
<b>30 / 4</b>	
<b>0.13 ... 4</b>	

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	

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	

width [mm]			
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000

ZBB ZDUB	50	1704740000
----------	----	------------

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

MOFU 15/35 ZDUB	50	1723660000
-----------------	----	------------

DEK 5 / WS 10/5
-----------------

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/DM	100	1704540000
ZDUB 2.5-2/4AN/DM BL	100	1704550000
ZDUB 2.5-2/4AN/DM GE	100	1704570000
Type	Order No.	
ZDUB 2.5-2/4AN/DB	100 1704690000	
ZDUB 2.5-2/4AN/DB BL	100 1704700000	
ZDUB 2.5-2/4AN/DB GE	100 1704720000	

width [mm]			
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000

ZBB ZDUB	50	1704740000
----------	----	------------

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

MOFU 15/35 ZDUB	50	1723660000
-----------------	----	------------

DEK 5 / WS 10/5
-----------------

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. conductor	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage (to adjacent terminal for PE)	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm / -

### Note


### Ordering data

Central terminals	
	dark beige Wernid
	blue Wernid
	yellow Wernid
	green/yellow Wernid

End terminals	
<i>with fixing option</i>	dark beige Wernid
<i>external, 1 pc. required for</i>	blue Wernid
<i>Block assembly</i>	yellow Wernid

### Note

### Accessories

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

End plate / Partition plate	
	dark beige Wernid
	blue Wernid
	orange PA

### End bracket

Fixing blocks	
<i>1 pc. necessary when assembling</i>	dark beige Wernid
<i>blocks (alternative to end terminals)</i>	blue Wernid

Screwdrivers	
	Standard

Mounting foot for TS 15 & TS 35	
	dark beige Wernid

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 mm<sup>2</sup>




Two connections for TS 15 DIN Rail



<b>5.1 x 33.5 x 32</b>	
<b>30 / 4</b>	
<b>0.13 ... 4</b>	

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 mm<sup>2</sup>




Four connections for TS 15 DIN Rail



<b>10.2 x 33.5 x 32</b>	
<b>30 / 4</b>	
<b>0.13 ... 4</b>	

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

Type	Qty.	Order No.
ZDUB 2.5-2/2AN/15	100	1712750000
ZDUB 2.5-2/2AN/15 BL	100	1712760000

Type	Order No.

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/15	100	1712780000
ZDUB 2.5-2/4AN/15 BL	100	1712790000

Type	Order No.

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

width [mm]			
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000

ZEW 15	20	7920340000
--------	----	------------

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

width [mm]			
ZAP ZDUB	5	50	1704750000
ZAP ZDUB BL	5	50	1704760000
ZAP ZDUB OR	5	50	1704770000

ZEW 15	20	7920340000
--------	----	------------

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

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

DEK 5 / WS 10/5

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

DEK 5 / WS 10/5

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

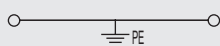
**ZPEB 2.5-2**

2.5 mm<sup>2</sup>

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
-----	----	-----	------------

500	300	300	275
24	20	20	20
2.5	AWG 26... 12	AWG 26... 12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX2755 U

**Rated connection**

0.5...4  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5

TS 15 - block design

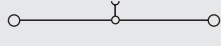
**ZDUA 2.5-2**

2.5 mm<sup>2</sup>

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

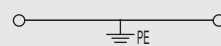
**ZPEA 2.5-2**

2.5 mm<sup>2</sup>

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
-----	----	-----	------------

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

Type	Qty.	Order No.
ZPEB 2.5-2	100	1712810000

Type	Qty.	Order No.
ZDUA 2.5-2	100	1720920000
ZDUA 2.5-2 BL	100	1720930000

Type	Qty.	Order No.
ZPEA 2.5-2	100	1720950000

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
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
<b>width [mm]</b>			
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.
<b>width [mm]</b>			
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

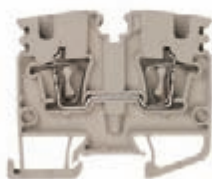
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. conductor	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### ZDUA 2.5-2N

2.5 mm<sup>2</sup>

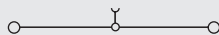
Two connections for TS 15 DIN Rail



5.1 x 42.3 x 34.7

30 / 4

0.13 ... 4



### ZPEA 2.5-2N

2.5 mm<sup>2</sup>

Two connections for TS 15 DIN Rail



5.1 x 42.3 x 34.7

/ 4

0.13 ... 4



## Technical data

### Rated data

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

### Clamped conductors (H05V/H07V)

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

### Note

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

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

## Ordering data

### Central terminals

dark beige Wernid
blue Wernid
yellow Wernid
green/yellow Wernid

### End terminals

with fixing option	dark beige Wernid
external, 1 pc. required for	blue Wernid
Block assembly	yellow Wernid

### Note

Type	Qty.	Order No.
ZDUA 2.5-2N	100	1808200000
ZDUA 2.5-2N BL	100	1808180000


Type	Order No.

Type	Qty.	Order No.
ZPEA 2.5-2N	100	1808210000

Type	Order No.

## Accessories

### Cross-connection, pluggable

	2-pole
	3-pole
	4-pole
	10-pole
	50-pole

### End plate / Partition plate

dark beige Wernid
blue Wernid
orange PA

### End bracket

### Fixing blocks

1 pc. necessary when assembling	dark beige Wernid
blocks (alternative to end terminals)	blue Wernid

### Screwdrivers

Standard

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

	width [mm]		
ZAP/TW ZDUA2.5-2N	2.5	50	1808170000
ZAP/TW ZDUA2.5-2N OR	2.5	50	1808160000

ZEW 15	20	7920340000
--------	----	------------

Type	Current [A]	Qty.	Order No.

	width [mm]		
ZAP/TW ZDUA2.5-2N	2.5	50	1808170000

ZEW 15	20	7920340000
--------	----	------------

### Mounting foot for TS 15 & TS 35

dark beige Wernid

### Marking systems

(see large assortment in catalogue 7)

Marking tags

DEK 5 / WS 10/5

DEK 5 / WS 10/5

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

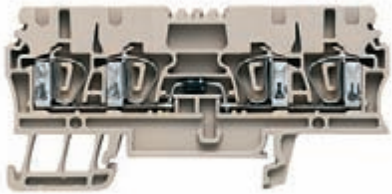




**ZDU 2.5/2x2AN/D+**

2.5 mm<sup>2</sup>

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

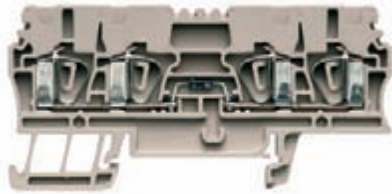
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

**ZDU 2.5/2x2AN/D-**

2.5 mm<sup>2</sup>

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		

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.
<b>width [mm]</b>			
ZAP/TW 3	2	50	1608800000
<b>width [mm]</b>			
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

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
ZAP/TW 3	2	50	1608800000
<b>width [mm]</b>			
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

DEK 5 / WS 10/5



## Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

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.

<b>width x length x height with TS 35 x 7.5</b>	mm
max. current / max. conductor	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### ZDU 2.5-2/D+

2.5 mm<sup>2</sup>

Diode circuit



<b>5.1 x 50.5 x 44</b>	
<b>/ 2.5</b>	
<b>0.05 ... 2.5</b>	

### ZDU 2.5-2/D-

2.5 mm<sup>2</sup>

Diode circuit



<b>5.1 x 50.5 x 44</b>	
<b>/ 2.5</b>	
<b>0.05 ... 2.5</b>	

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
Note	

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
Note	

Type	Qty.	Order No.
ZDU 2.5-2/D+	20	1779110000
Note		
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

Type	Qty.	Order No.
ZDU 2.5-2/D-	20	1779000000
Note		
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

## 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 <sup>2</sup> / < AWG 20
	for conductors < 1.0 mm <sup>2</sup> / < AWG 18
Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

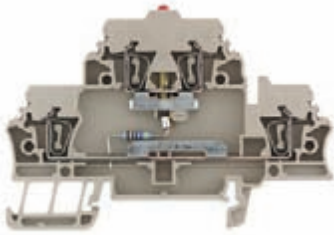
Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/20	24	20	1908960000
		width [mm]	
ZAP/TW7	2.5	50	1706110000
		width [mm]	
ZEW 35	6	20	9540000000
		width [mm]	
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
		width [mm]	
DEK 5 / WS 14/5			

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/TW7	2.5	50	1706110000
		width [mm]	
ZEW 35	6	20	9540000000
		width [mm]	
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
		width [mm]	
DEK 5 / WS 14/5			

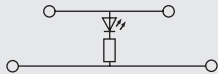
**ZDK 2.5/LD RT/1**

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

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

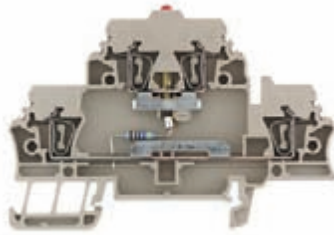
Type	Qty.	Order No.
ZDK 2.5/LD RT/1	50	1690010000

Current of continuous busbar = 10 A

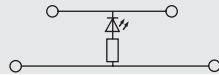
**ZDK 2.5/LD RT/2**

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

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

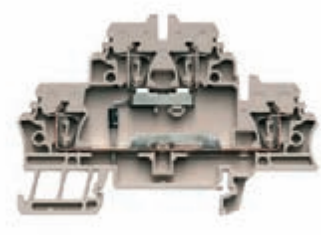
Type	Qty.	Order No.
ZDK 2.5/LD RT/2	50	1693940000

Current of continuous busbar = 10 A

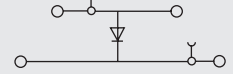
**ZDK 2.5/D/1**

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

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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]		Qty.	Order No.
ZAP/TW ZDK2.5	1.5	20	1674730000

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

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

Type	Qty.	Order No.
ZRH 1.5H/1	1000	1678810000

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

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

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

Type	Qty.	Order No.
ZRH 1.5H/1	1000	1678810000

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

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

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

Type	Qty.	Order No.
ZRH 1.5H/1	1000	1678810000

Type	Qty.	Order No.
ZRH 1.5H/2	1000	1678800000

DEK 5 / WS 10/5

## Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

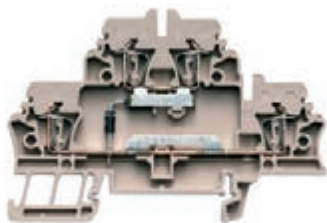
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. conductor A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

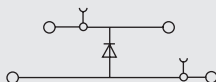
### ZDK 2.5/D/2

2.5 mm<sup>2</sup>

#### Diode circuit



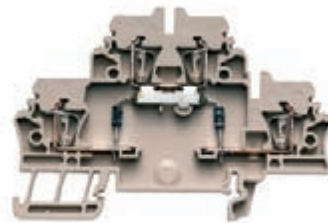
5.1 x 79.1 x 54  
 / 2.5  
 0.05 ... 2.5



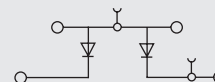
### ZDK 2.5/D/4

2.5 mm<sup>2</sup>

#### Diode circuit



5.1 x 79.1 x 54  
 / 2.5  
 0.05 ... 2.5



## Technical data

### Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

### Note

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

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

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

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

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

### Version

Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)


### Note

Type	Qty.	Order No.
ZDK 2.5/D/2	50	1690030000
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/4	50	1690040000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

## 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 <sup>2</sup> / < AWG 20
	for conductors < 1.0 mm <sup>2</sup> / < AWG 18

### 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 2.5/2	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
<b>width [mm]</b>			
ZAP/TW ZDK2.5	1.5	20	1674730000
<b>width [mm]</b>			
ZEW 35	6	20	9540000000
<b>width [mm]</b>			
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
<b>width [mm]</b>			
ZAP/TW ZDK2.5	1.5	20	1674730000
<b>width [mm]</b>			
ZEW 35	6	20	9540000000
<b>width [mm]</b>			
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

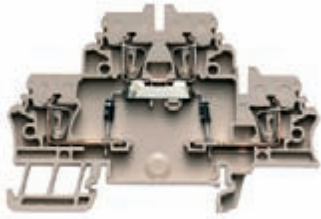
DEK 5 / WS 10/5

DEK 5 / WS 10/5

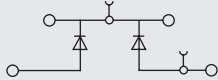
**ZDK 2.5/D/5**

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

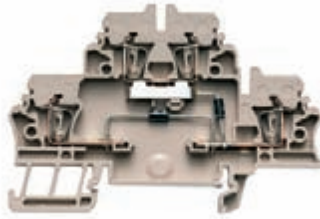
Type	Qty.	Order No.
ZDK 2.5/D/5	50	1690050000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

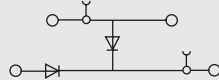
**ZDK 2.5/D/6**

2.5 mm<sup>2</sup>

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 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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
<b>width [mm]</b>			
ZAP/TW ZDK2.5	1.5	20	1674730000
<b>width [mm]</b>			
ZEW 35	6	20	9540000000
<b>width [mm]</b>			
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
<b>width [mm]</b>			
ZAP/TW ZDK2.5	1.5	20	1674730000
<b>width [mm]</b>			
ZEW 35	6	20	9540000000
<b>width [mm]</b>			
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/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse 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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup> / < AWG 20
	for conductors < 1.0 mm <sup>2</sup> / < AWG 18

## Labelling systems

(see large assortment in catalogue 7)

	Marking tags
--	--------------

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

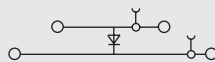
## ZDK 4-2/D forward

4 mm<sup>2</sup>

## 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

0.5...6 / 4...4

## further connection

0.5...4 / 0.5...4

10 / 0.6 x 3.5

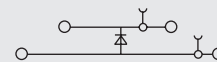
## ZDK 4-2/D reverse

4 mm<sup>2</sup>

## 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

0.5...6 / 4...4

## further connection

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

	width [mm]		
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

	width [mm]		
ZEW 35	6	20	9540000000

SD 0.6x3.5x100	1		9008330000

DEK 6			

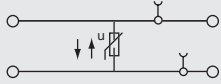
**ZDK 4-2/MOV**

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

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



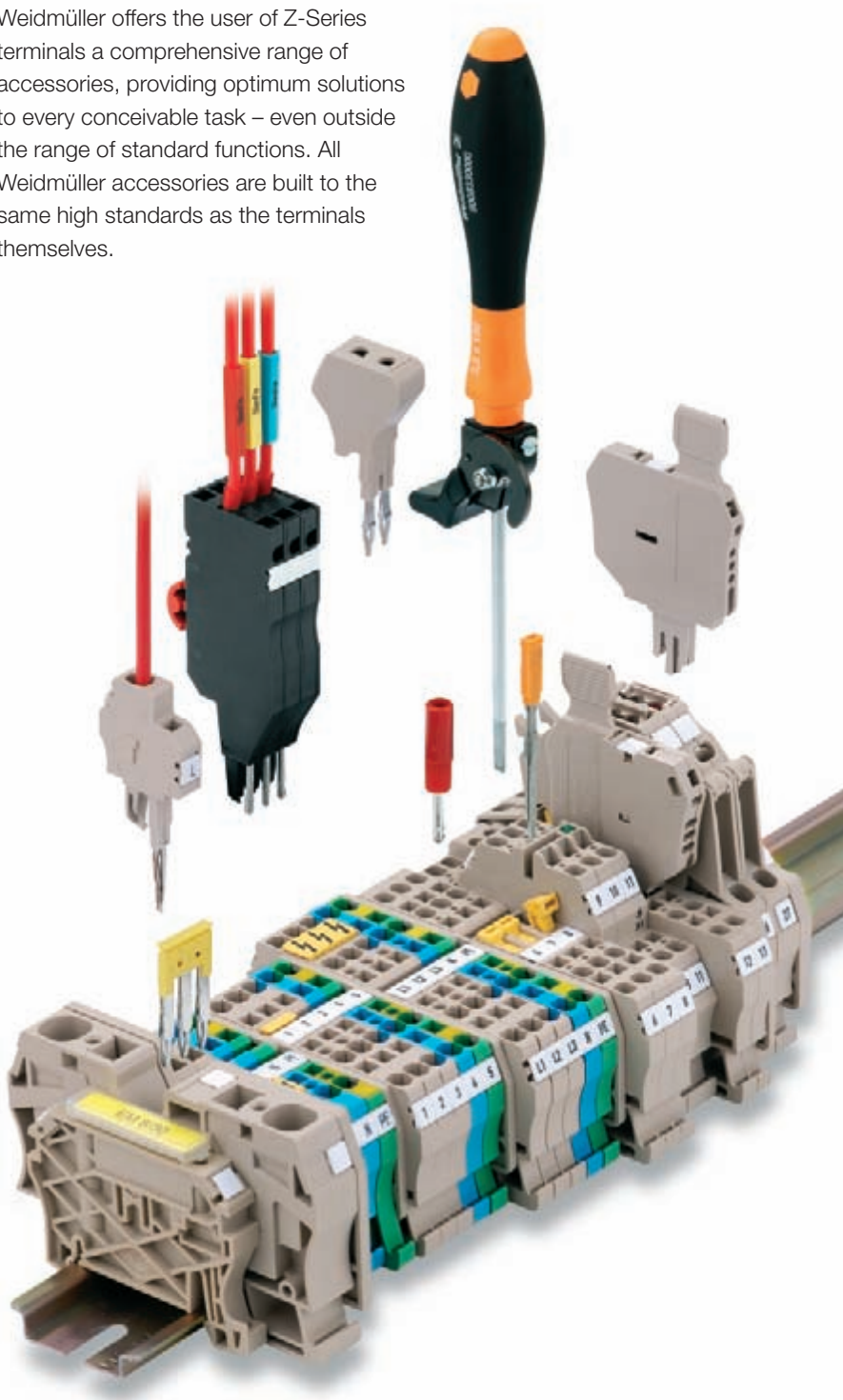




# Extra functions

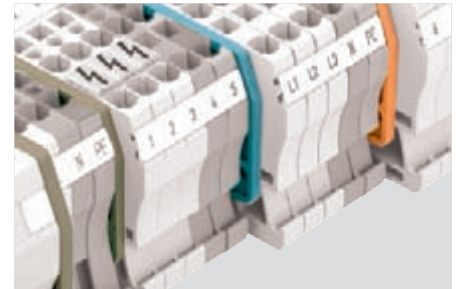
## Extra functions

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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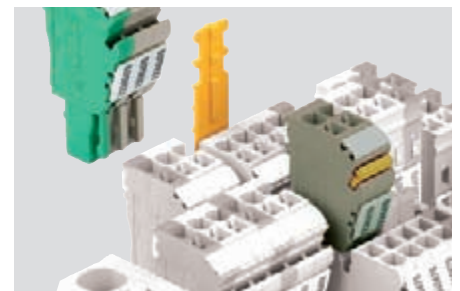


To guarantee “finger-safe” use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

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**

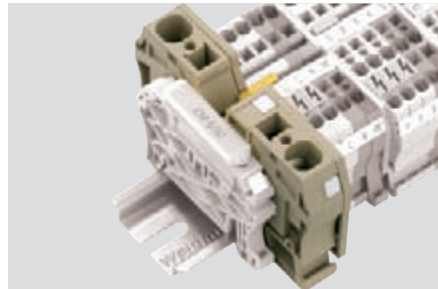
Chapter F



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**

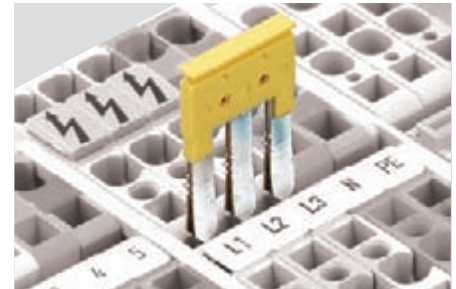
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Weidmüller's tension clamp terminals have three supply terminals: **ZEI 16** for standard terminals **ZEI 16-2/1 AN** for Roof-Style terminals **ZEI 6** for ZDU 1.5 ... Cross-connections divide the supply current into several feeder currents. Current is supplied across a conductor cross-section of 16 mm<sup>2</sup> and then distributed across neighbouring terminals for 1.5 mm<sup>2</sup>, 2.5 mm<sup>2</sup>, 4 mm<sup>2</sup> and 6 mm<sup>2</sup> cross-sectional areas.

**Electrical distribution**

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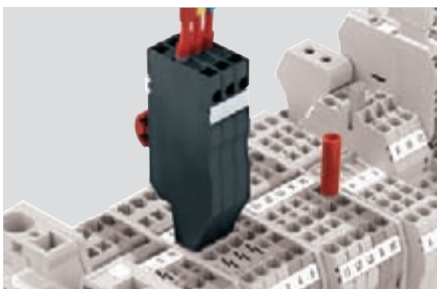


A plug-in **cross-connection system (ZQV)** is available for all Z-Series terminals.

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**

Page D.134



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**

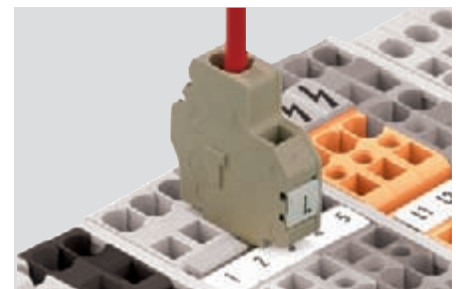
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Weidmüller's marking systems in **chapter F** are used to mark tension clamp terminals. Individual terminals, terminal groups and conductors can be marked. The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter F**. As an alternative to screwdrivers, fully insulated operating tools are also available; see page D.136.

**Specific functions/  
colour variations**

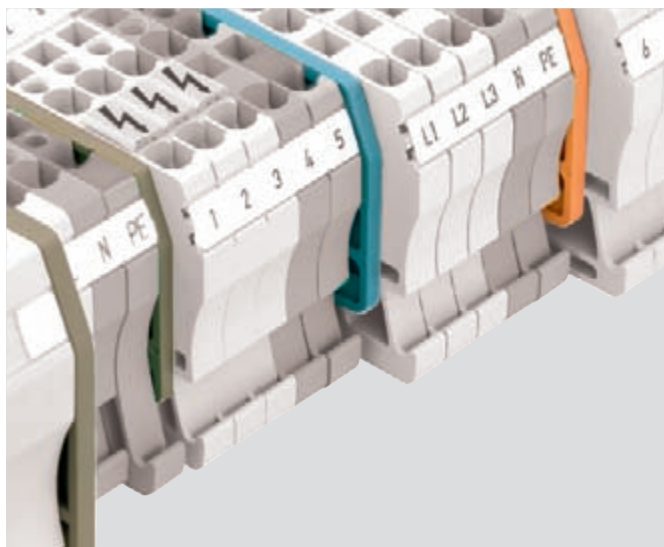
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Further helpful accessories are available for terminals using tension clamp technology, such as:

- 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

## 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:
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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	
ZAP/TW 3 SW	black	50	1683890000	
ZAP/TW 3 WS	white	50	1683880000	
<b>Width 2 mm</b>				
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
<b>Width 2 mm</b>				
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 N
ZAP ZDLD2.5-2 N OR	orange	20	1782360000	

## ... for standard terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 1.5 mm</b>				
ZAP/ZMAK 2.5	dark beige	10	1768010000	ZMAK 2.5
<b>Width 1.5 mm</b>				
AP ZDTR2.5	dark beige	20	1745420000	ZDTR 2.5
AP ZDTR2.5 BL	blue	20	1798340000	
AP ZDTR2.5 OR	orange	20	1745430000	
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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	
<b>Width 2.7 mm</b>				
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	
<b>Width 2.7 mm</b>				
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 ZPE 16/3 AN
<b>Width 2.7 mm</b>				
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:
<b>Width 2 mm</b>				
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
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
ZAP/TW ZDKPE 2.5-2	dark beige	20	1805960000	ZDKPE 2.5-2
ZAP/TW ZDKPE 2.5-2 OR	orange	20	1805970000	
<b>Width 2 mm</b>				
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
<b>Width 2 mm</b>				
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	
<b>Width 2 mm</b>				
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
<b>Width 1.8 mm</b>				
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:
<b>Width 5 mm</b>				
ZAP/TW ZPV 1.5	dark beige	50	1674650000	ZPV 1.5
<b>Width 5 mm</b>				
ZAP/TWZIA 1.5/3L	dark beige	50	1649540000	ZIA1.5/3L-1S ZIA1.5/3L-PE
<b>Width 2.5 mm</b>				
ZAP/TWZIA 1.5/4L	dark beige	50	1649550000	ZIA1.5/4L-1S ZIA1.5/4L-PE
<b>Width 5.1 mm</b>				
AP ZRV 1.5 DB	dark beige	10	1698180000	

## ... for mini terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 1.5 mm</b>				
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	
<b>Width 2 mm</b>				
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	
<b>Width 5.1 mm</b>				
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
<b>Width 5.1 mm</b>				
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:
<b>Width 1.5 mm</b>				
ZAP ZDL 2.5S	dark beige	20	1720900000	ZDL 2.5/S...
<b>Width 3 mm</b>				
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...
<b>Width 5 mm</b>				
ZHP Z/W SO		20	1781070000	ZDL 2.5/S... ZDK 4/S... ZDK 6/S...
<b>Width 1.5 mm</b>				
ZAP ZDL 2.5	dark beige	20	1720910000	ZDL 2.5...
<b>Width 1.5 mm</b>				
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
<b>Width 1.5 mm</b>				
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
<b>Width 1.5 mm</b>				
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
<b>Width 2 mm</b>				
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
<b>Width 2 mm</b>				
ZAP/ZDK 4/6/S	dark beige	20	1733240000	ZDK 4/S... ZDK 6/S...
<b>Width 3 mm</b>				
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

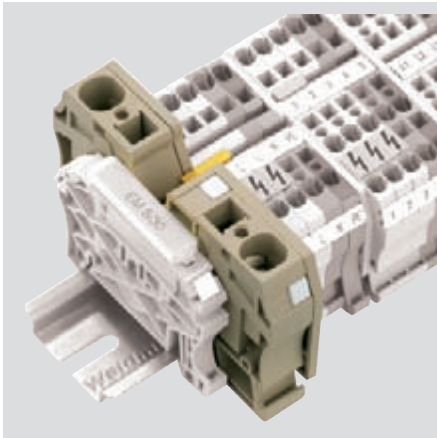
## ... for WeiCoS pluggable terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2.5 mm</b>				
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
<b>Width 2.5 mm</b>				
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
<b>Width 2.5 mm</b>				
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
<b>Width 2.5 mm</b>				
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
<b>Width 2.5 mm</b>				
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 ZTRR 2.5	dark beige	50	1865520000	ZTRR 2.5/2AN/1

## ... for other applications

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2 mm</b>				
ZTW ZTL6	dark beige	20	1771870000	ZTL 6/STB
ZTW ZTL6 OR	orange	20	1771880000	ZTD 6
<b>Width 1.5 mm</b>				
ZAP ZDU 4 NT	dark beige	20	1757970000	ZDU 4NT
ZHP ZDU4/NT SO		20	1803890000	
<b>Width 2 mm</b>				
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 mm<sup>2</sup>.

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**



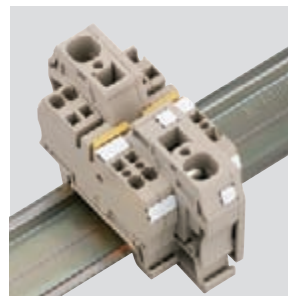
**Output options and corresponding cross-connections**

Supply terminals	Output terminals	Cross-connection	Supply left	Supply right
<b>ZEI 16</b>	<b>ZDU 2.5</b>	<b>ZQV 2.5/...</b>	•	•
	<b>ZDU 2.5/4AN</b>	<b>ZQV 2.5/...</b>	•	•
	<b>ZDU 4</b>	<b>ZQV 4/...</b>	•	•
	<b>ZDU 4/3AN</b>	<b>ZQV 4/...</b>	•	• 1)
	<b>ZDU 4/4AN</b>	<b>ZQV 4/...</b>	•	• 1)
	<b>ZDU 6</b>	<b>ZQV 6/...</b>	•	•
	<b>ZDU 6/3AN</b>	<b>ZQV 6/...</b>	•	• 1)
	<b>ZTR 2.5</b>	<b>ZQV 2.5/...</b>	• 2)	• 2)
	<b>ZTR 2.5/3AN</b>	<b>ZQV 2.5/...</b>	• 2)	• 2)
<b>ZTR 2.5/4AN</b>	<b>ZQV 2.5/...</b>	•	•	
Supply terminals	Output terminals	Cross-connection	Supply left	Supply right
<b>ZEI 6</b>	<b>ZDU 1.5</b>	<b>ZQV 1.5/...</b>	•	•
	<b>ZDU 1.5/3AN</b>	<b>ZQV 1.5/...</b>	•	•
	<b>ZDU 1.5/4AN</b>	<b>ZQV 1.5/...</b>	•	• 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<sub>max</sub>**

Supply terminals	Cross-connection	Supply conductor cross-section area	Supply left or right	Supply middle
<b>ZDU 2.5</b>	<b>ZQV 2.5</b>	16 mm <sup>2</sup>	48 A	76 A
		25 mm <sup>2</sup>	48 A	89 A
<b>ZDU 2.5/4AN</b>	<b>ZQV 2.5</b>	16 mm <sup>2</sup>	48 A	76 A
		25 mm <sup>2</sup>	48 A	89 A
<b>ZDU 4</b>	<b>ZQV 4</b>	16 mm <sup>2</sup>	64 A	76 A
		25 mm <sup>2</sup>	66 A	100 A
<b>ZDU 6</b>	<b>ZQV 6</b>	16 mm <sup>2</sup>	76 A	76 A
		25 mm <sup>2</sup>	82 A	100 A

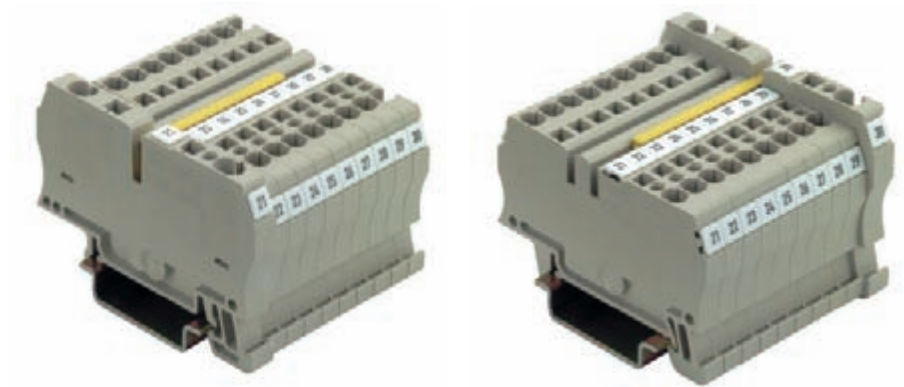
**Accessories – Electrical supply**

**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**

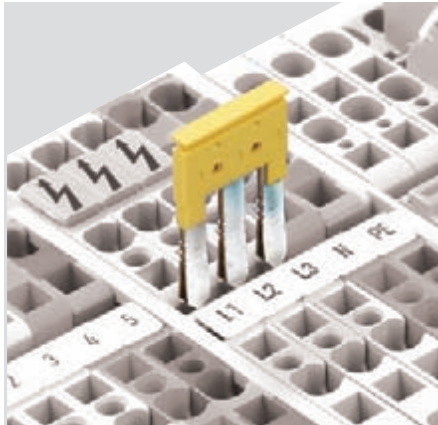
		on the right								
		ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN		ZTR 2.5	ZTR 2.5/3AN
Output terminals	Supply terminals	on the left								
		ZDU 4	ZDU 4/3AN	ZDU 4/4AN	ZDU 6	ZDU 6/3AN				
		•	• 2)	•	•	•	•	• 2)	• 2	•
		• 1)	• 2)	• 1)		•		• 2)	• 2	•
		• 1)	• 2)	• 1)			•	• 2)	• 2	• 1)
		•	• 2)	•	•	•		• 2)	• 2	•
		• 1)		• 1)						• 1)

		on the left								
		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
Output terminals	Supply terminals	on the right								
		ZDU 4	ZDU 4/3AN	ZDU 4/4AN	ZDU 6	ZDU 6/3AN				
		•	• 2)	• 1)	•			• 2)	• 2)	• 1)
		•	• 2)	• 1)	•	•		• 2)	• 2)	• 1)
		•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
		•	• 2)	• 1)	•			• 2)	• 2)	• 1)
		•	• 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**

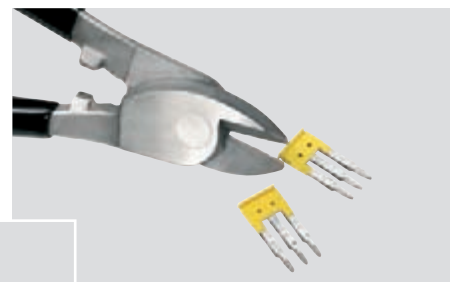
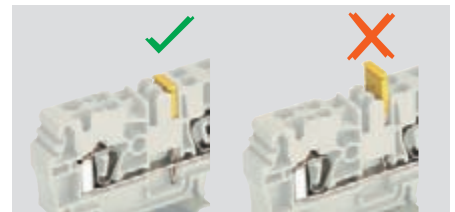
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order No. 900217). However, three contact elements must always be retained.

**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).

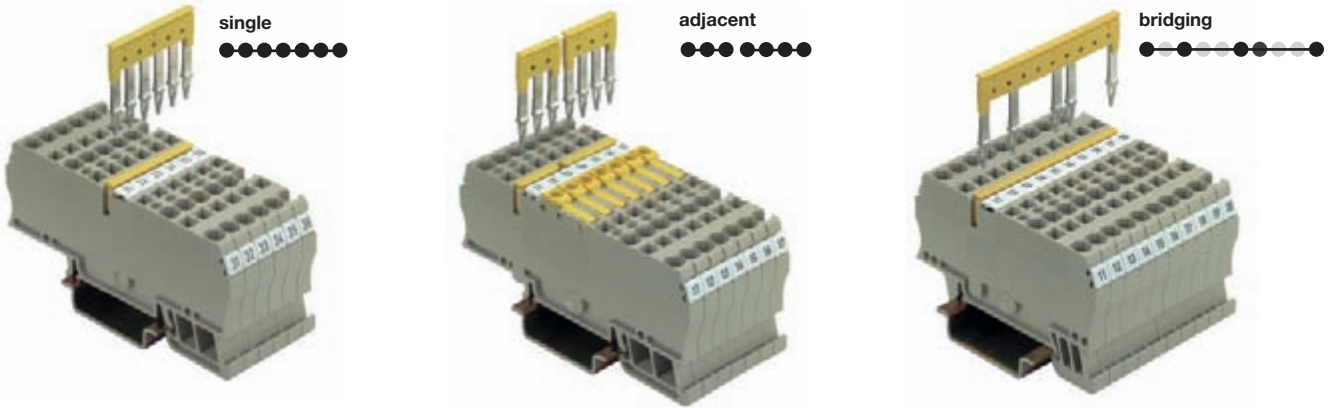




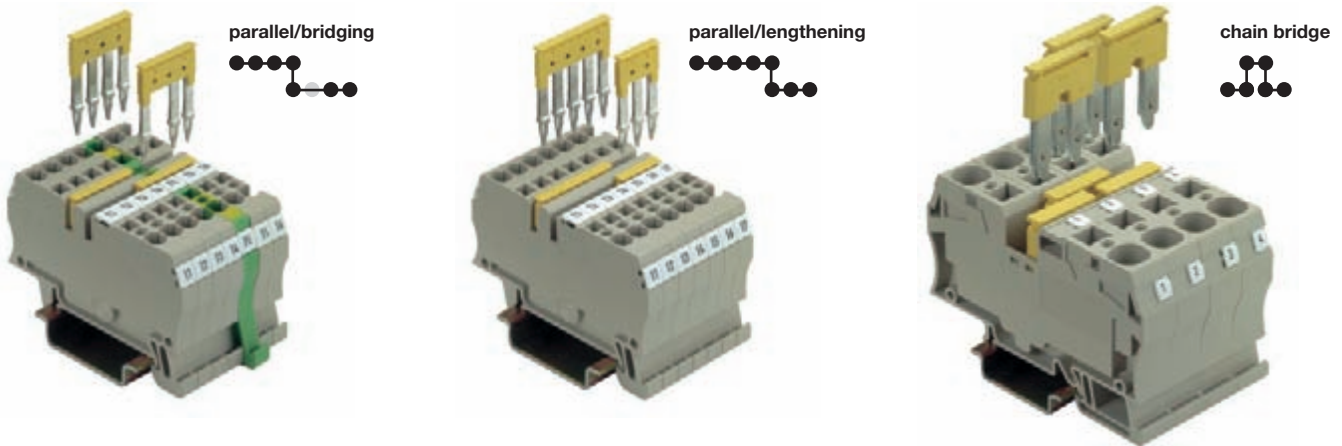
Accessories – Electrical supply

Possible combinations

In one cross-connection channel



In two cross-connection channels

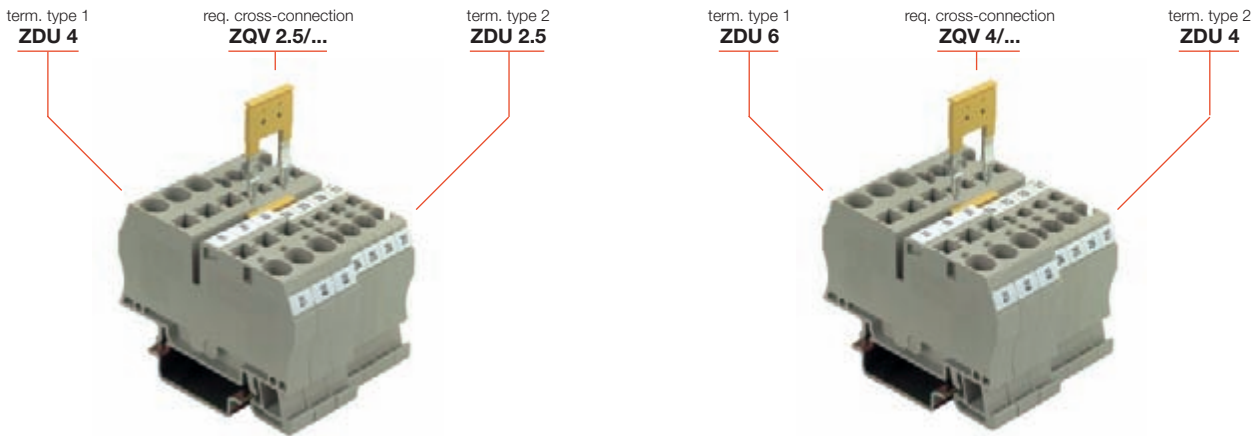


Possible cross-connections of terminals of the same type with corresponding cross-connections

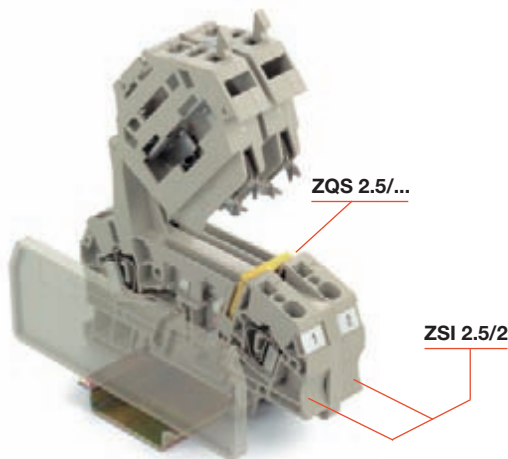
Terminal type	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals							
ZDU 2.5	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 3 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5 / 4 AN	ZQV 2.5/...	•	•	•			
ZTR 2.5 ...	ZQV 2.5/...	•	•	•			
ZSI 2.5 ...	ZQV 2.5/...	•	•	•			
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.

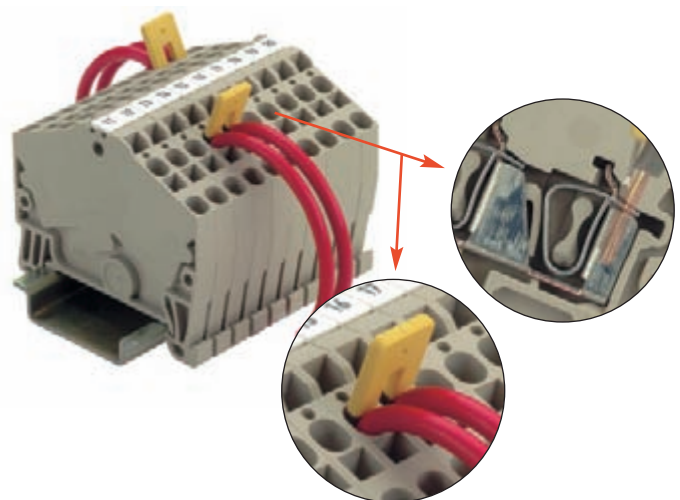


Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

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 mm<sup>2</sup> “e” and “f” as a result of using ZWB 2.5.



**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

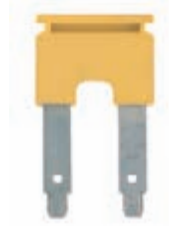
ZQV 16/2



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....
ZTTQ 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 pipped 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**



**Single slice element ZPS coupling**



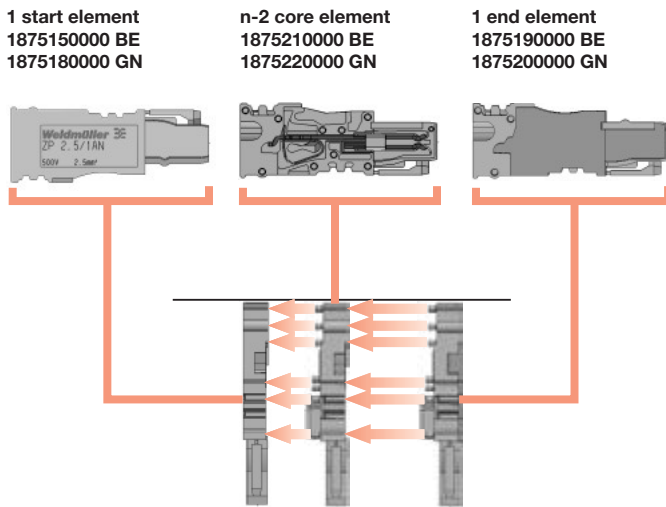
**Ordering data**

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

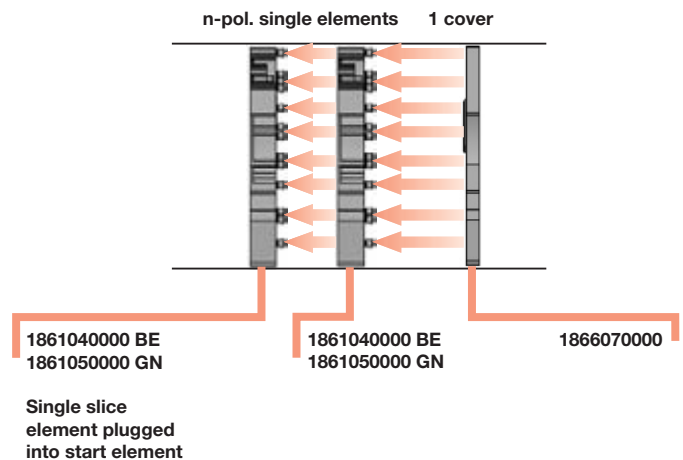
**Ordering data**

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 mm<sup>2</sup>

##### 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 mm<sup>2</sup>

##### 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



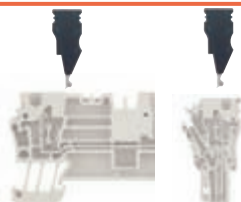
Type	Qty	Order No.
ZZE ZP 2.5 – 1-pole	25	1816140000
ZZE ZP 2.5/4 – 4-pole	25	1866220000
ZZE ZP 2.5/8 – 8-pole	25	1866230000

##### 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.



**ZPS 2.5/1AN/QV**

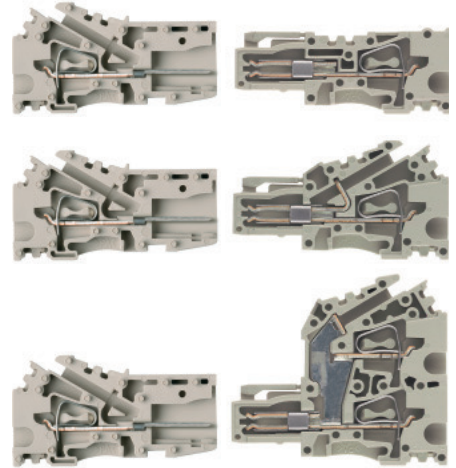
**Separate coupling**

**ZP 2.5/1AN**

**Side-fitting lock. element**

**Strain relief – 4-pole**

**Separate coupling – 3 plugs, 1 line**



**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



**Accessories – WeiCoS pluggable modular terminals**

**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**



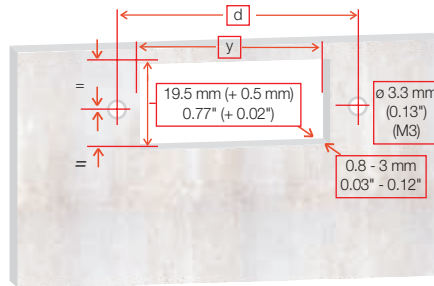
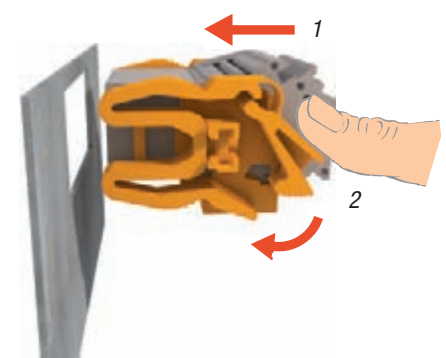
Type	Qty	Order No.
ZVLA DF ZPS2.5	20	187860000



**Clipped through-wall fixing**

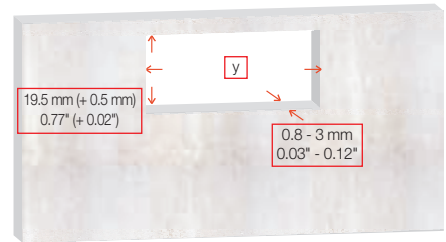


Type	Qty	Order No.
ZVLA DF CL ZPS2.5	20	187861000



$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$



$$y = n \times 5.1 \text{ mm} + 17.5 \text{ mm}$$

$$y = n \times 0.25" + 0.69"$$

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

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



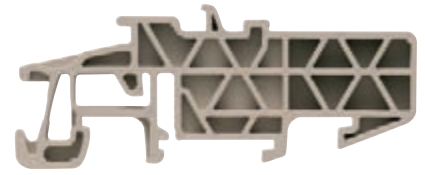
Type	Qty	Order No.
ZVLA SC ZPS 2.5	20	1866240000

Direct mounting – clipped

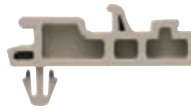


Type	Qty	Order No.
ZVLA RC ZPS 2.5	20	1866260000

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



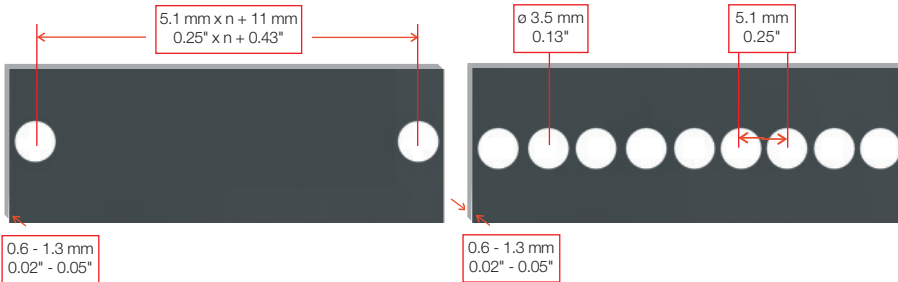
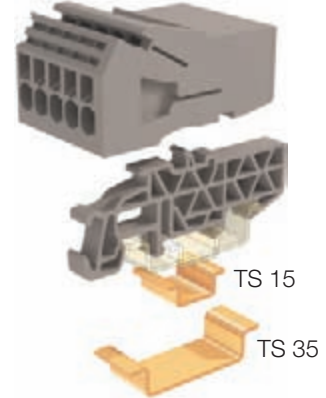
Plug support prevents buckling of the connection

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



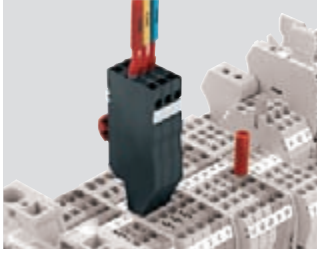
WeiCoS



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 mm<sup>2</sup> to 1.5 mm<sup>2</sup> 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 <sup>2</sup>
Flexible H 07V-K	mm <sup>2</sup>
Flexible with AEH (DIN 46228/1)	mm <sup>2</sup>
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		
Clamping conductor		
Solid H 07V-U	mm <sup>2</sup>	
Flexible H 07V-K	mm <sup>2</sup>	
Flexible with AEH (DIN 46228/1)	mm <sup>2</sup>	
Ordering data		
Type	Qty	Order No.
ZTA 1	25	1609040000
ZTA 1 / ZA	25	1609050000

For standard terminal	For Roof-Style terminal
ZDU 2.5...	
ZTR 2.5...	
ZSI 2.5...	
ZSI 2.5/2	
DEK 5	

## ZTA 2

For clamping width 6.1 mm



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 <sup>2</sup>	
Flexible H 07V-K	mm <sup>2</sup>	
Flexible with AEH (DIN 46228/1)	mm <sup>2</sup>	
Ordering data		
Type	Qty	Order No.
ZTA 2	25	1609060000
ZTA 2 / ZA	25	1609070000

For standard terminal	For Roof-Style terminal
ZDU 4....	
DEK 6	

## ZTA 5

For clamping width 3.5 mm



Dimensions	
Height (with TS 35 x 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 <sup>2</sup>
Flexible H 07V-K	mm <sup>2</sup>
Flexible with AEH (DIN 46228/1)	mm <sup>2</sup>
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		
Clamping conductor		
Solid H 07V-U	mm <sup>2</sup>	
Flexible H 07V-K	mm <sup>2</sup>	
Flexible with AEH (DIN 46228/1)	mm <sup>2</sup>	
Ordering data		
Type	Qty	Order No.
ZTA 5	25	1776210000
ZTA 5 / ZA	25	1776220000

For standard terminal	For Roof-Style terminal
ZDU 1.5...	
ZDK 1.5...	
DEK 3.5	

## ZTA 6

For clamping width 6.1 mm



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 <sup>2</sup>	
Flexible H 07V-K	mm <sup>2</sup>	
Flexible with AEH (DIN 46228/1)	mm <sup>2</sup>	
Ordering data		
Type	Qty	Order No.
ZTA 6 / ZA	25	1780660000

For standard terminal	For Roof-Style terminal
ZDU 4-2...	
DEK 6	

### ZTA 3

For clamping width 8.1 mm



73.1
31.5
8.1
6.0
250 V / 9.0 A / 1.5 mm <sup>2</sup>

0.5 ... 1.5
0.75 ... 1.5
0.5 ... 1.5

Type	Qty	Order No.
ZTA 3	25	1654050000

For standard terminal	For Roof-Style terminal
ZDU 6...	

DEK 5

### ZTA 4

For clamping width 5.1 mm



69.0
31.0
5.1
6.0
250 V / 11 A / 1.5 mm <sup>2</sup>

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 7

For clamping width 8.1 mm



73.5
31.5
8.1
6.0
250 V / 9.0 A / 1.5 mm <sup>2</sup>

0.5 ... 1.5
1.0 ... 1.5
0.5 ... 1.5

Type	Qty	Order No.
ZTA 7 / ZA	25	1780670000

For standard terminal	For Roof-Style terminal
	ZDU 6-2.....

DEK 5

### ZTA ZT 2.5

For clamping width 5.1 mm



50.5
20.0
5.1
500 V / 17.5 A / 1.5 mm <sup>2</sup>

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...
- ZTRR 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...
- ZTRR 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



### ZAD / BZT

Type	Qty	Order No.	For standard terminal	For Roof-Style terminal
<b>Terminal width 3.5 mm</b>				
ZAD 7/4	20	1781940000	ZDU 1.5.... ZDK 1.5....	
<b>Terminal width 5.1 mm</b>				
ZAD 1/4	20	1609110000	ZDU 2.5... ZTR 2.5...	ZDU 4-2...
<b>Terminal width 5.1 mm</b>				
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...
<b>Terminal width 6.1 mm / 8.1 mm</b>				
ZAD 2/4	20	1609080000	ZDU 4...	ZDU 6-2...
<b>Terminal width 8.1 mm</b>				
ZAD 3/4	20	1609120000	ZDU 6...	
<b>Terminal width 10 mm</b>				
ZAD 4/5	20	1746730000	ZDU 10 ZDU 10/3 AN	
<b>Terminal width 12 mm</b>				
ZAD 5/5	20	1745210000	ZDU 16 ZDU 16/3 AN ZEI 16	ZEI 16-2/1 AN
<b>Terminal width 16 mm</b>				
ZAD 6/5	20	1752620000	ZDU 35	
<b>BZT...</b>				
<b>Marked on one side</b>				
BZT 1 WS 10/5	100	1805490000	ZDU 2.5/ ...	
BZT 1 ZA WS 10/5	100	1805520000	ZDU 4/ ...	
<b>Marked on two sides</b>				
BZT 2 WS 10/5	100	1805480000	ZDU 6/ ...	
BZT 2 ZA WS 10/5	100	1805530000	ZDU A 2.5/ ...	

### Operating tool



The fully insulated operating tools ZBW 1 to ZBW 6 and ZBWW are used to open both 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup> terminal points. They can open more than one terminal point at once.

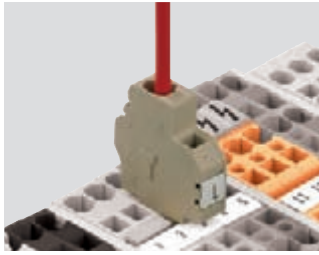
The ZBWW operating tool has angled blades, making it easier to actuate terminals within confined spaces.

The plastic operating tool enhances safety when working on "live" systems actually in use. This is however not a recommended practise.

### ZBW

Type	Terminal points	Qty	Order No.	For Standard terminal	For Roof-Style terminal
<b>Terminal width 3.5 mm</b>					
ZBW 1/5	1	1	1781930000	ZDU 1.5... ZPE 1.5 ZDK 1.5	
<b>Terminal width 5.1 mm</b>					
ZBW 1	1	1	1669620000	ZDU 2.5...	ZLD 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 <sup>2</sup> conductors, white		
ZRH 1.5S/1	100	<b>1781950000</b>
For 0.25 ... 0.5 mm <sup>2</sup> conductors, grey		
ZRH 1.5S/2	100	<b>1781960000</b>

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 <sup>2</sup> conductors, white		
ZRH 1.5H/1	100	<b>1678810000</b>
For 0.25 ... 0.5 mm <sup>2</sup> conductors, grey		
ZRH 1.5H/2	100	<b>1678800000</b>

For standard terminal	For Roof-Style terminal
ZDK 2.5...	ZDL 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 <sup>2</sup> conductors, white		
ZRH 1.5N/1	100	<b>1632140000</b>
For 0.25 ... 0.5 mm <sup>2</sup> conductors, grey		
ZRH 1.5N/2	100	<b>1632130000</b>
For 0.75 ... 1.0 mm <sup>2</sup> conductors, dark grey		
ZRH 1.5N/3	100	<b>1632120000</b>

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 <sup>2</sup> conductors, white		
ZRH 2.5/1 WS	100	<b>1614300000</b>
For 0.25 ... 0.5 mm <sup>2</sup> conductors, grey		
ZRH 2.5/2 GR/V0	100	<b>1614290000</b>
For 0.75 ... 1.0 mm <sup>2</sup> conductors, dark grey		
ZRH 2.5/3	100	<b>1614280000</b>

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 <sup>2</sup> conductors, white		
ZRH 4/1 WS	100	<b>1636640000</b>
For 0.25 ... 0.5 mm <sup>2</sup> conductors, grey		
ZRH 4/2	100	<b>1636650000</b>
For 0.75 ... 1.0 mm <sup>2</sup> conductors, dark grey		
ZRH 4/3	100	<b>1636660000</b>

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 assemble.

### 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 <sup>2</sup>

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	4.8mm

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.

D

**SIHA 3**



	Qty	Order No.
without LED		
<b>SIHA3/G20</b>		
400 V	1	<b>7921560000</b>
with LED (red)		
<b>SIHA3/G20</b>		
10 - 36 V	1	<b>7921570000</b>
35 - 70 V	1	<b>7921580000</b>
60 - 150 V	1	<b>7921590000</b>
140 - 250 V	1	<b>7921600000</b>

**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		
<b>SIHA STRAP</b>		
	20	<b>9537680000</b>

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 Bl<sup>1)</sup>**

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<sup>1)</sup>**

Size (mm)	Nom. voltage (V)	Nom. current (A)	Type	Qty	Order No.	
5 x 25 w. ind. <sup>1)</sup> 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) <sup>2)</sup>	G 25/10.0A/M	10	0193100000
		2	(F)	G 25/2.00A/F	10	0192700000
		4	(F)	G 25/4.00A/F	10	0192800000
		6.3	(F)	G 25/6.30A/F	10	0192900000

(M) = medium-blow (F) = fast-blow

ZSI 2.5/2



**Cartridge fuses 1 1/4" x 1/4" without indicators to BS 88**

Size (mm)	Nom. voltage (V)	Nom. current (A)	Type	Qty	Order No.	
33 kA break. cap., 33 kA fast-blow	440	0.5		GZ 0.5A/F	10	0533800000
		1		GZ 1.0A/F	10	0525500000
		2		GZ 2.0A	10	0294500000
		3		GZ 3.0A	10	0295700000
		5		GZ 5.0A	10	0294600000
		7		GZ 7.0A	10	0295800000
		10		GZ 10.0A	10	0293900000
		12.5		GZ 12.5A FF	10	0245400000

(F) = fast-blow (M) = medium-blow

**Note:** <sup>1)</sup> 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 23 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<sub>N</sub> 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.

- <sup>1)</sup> Do not exceed the voltage range of the fuse.
- <sup>2)</sup> Continuous current through fuse: max. 80% I<sub>N</sub>
- <sup>3)</sup> 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)

for terminal type
ZS/6-2/ FC...

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

for terminal type
ZS/6-2/ FC...



Ordering data

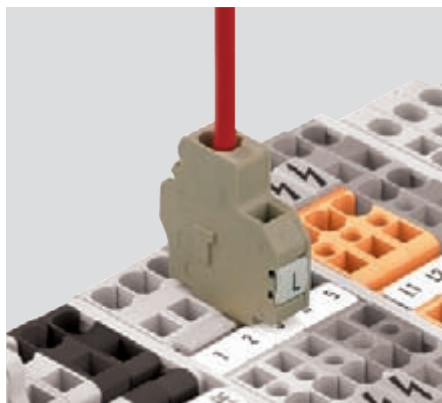
Type	Colour	Qty	Order No.
TNST	yellow Wemid	25	1833090000

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



				1.5 mm <sup>2</sup>
ZDU 1.5	Colour	Qty	Order No.	
ZDU 1.5 OR	orange	100	1775500000	
<b>ZDU 1.5/3AN</b>				
ZDU 1.5/3AN OR	orange	100	1775550000	
<b>ZDU 1.5/4AN</b>				
ZDU 1.5/4AN OR	orange	100	1775610000	
<b>ZDK 1.5</b>				
ZDK 1.5 OR	orange	100	1831190000	

				2.5 mm <sup>2</sup>
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	

<b>ZDU 2.5/3AN</b>			
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

<b>ZDU 2.5/4AN</b>			
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

<b>ZDU 2.5 2X2AN</b>			
ZDU 2.5/2X2AN			1608600000

<b>ZDU 2.5-2</b>			
ZDU 2.5-2 OR	orange	100	1772080000

<b>ZDU 2.5-2/3AN</b>			
ZDU 2.5-2/3AN OR	orange	100	1706050000

<b>ZDU 2.5-2/4AN</b>			
ZDU 2.5-2/4AN OR	orange	100	1706080000

<b>ZTR 2.5</b>			
ZTR 2.5 OR	orange	100	8731680000

<b>ZTR 2.5/3AN</b>			
ZTR 2.5/3AN OR	orange	50	8731690000

<b>ZTR 2.5/4AN</b>			
ZTR 2.5/4AN OR	orange	100	7920940000

<b>ZTR 2.5-2</b>			
ZTR 2.5-2 OR	orange	100	1779130000

<b>ZDK 2.5</b>			
ZDK 2.5 OR	orange	50	1694140000

<b>ZDK 2.5-2</b>			
ZDK 2.5-2 OR	orange	50	1831260000

**D** The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

Mini terminals

4 mm <sup>2</sup>			
ZDU 4	Colour	Qty	Order No.
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
<b>ZDU 4-2/2AN</b>			
ZDU 4-2/2AN OR	orange	100	1770850000
<b>ZDU 4-2/3AN</b>			
ZDU 4-2/3AN OR	orange	100	1770870000
<b>ZDU 4-2/4AN</b>			
ZDU 4-2/4AN OR	orange	100	1807000000

6 mm <sup>2</sup>			
ZDU 6	Colour	Qty	Order No.
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
<b>ZDU 6-2/2AN</b>			
ZDU 6-2/2AN OR	orange	50	1771400000
<b>ZDU 6-2/3AN</b>			
ZDU 6-2/3AN OR	orange	50	1771430000

10 mm <sup>2</sup>			
ZDU 10	Colour	Qty	Order No.
ZDU 10 OR	orange	25	1830610000

16 mm <sup>2</sup>			
ZDU 16	Colour	Qty	Order No.
ZDU 16 OR	orange	25	1830680000

35 mm <sup>2</sup>			
ZDU 35	Colour	Qty	Order No.
ZDU 35 OR	orange	10	1830760000

2.5 mm <sup>2</sup>			
ZDUA 2.5-2	Colour	Qty	Order No.
ZDUA 2.5-2 OR	orange	100	1720940000
<b>ZDUB 2.5-2/2AN</b>			
ZDUB 2.5-2/2AN/DB OR	orange	100	1704520000
ZDUB 2.5-2/2AN/DM OR	orange	100	1704370000
<b>ZDUB 2.5-2/4AN</b>			
ZDUB 2.5-2/4AN/DM OR	orange	100	1704560000