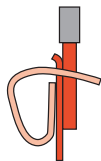


# Terminals, Z-Series

<b>Terminals, Z-Series</b>	
Overview Z-Series	D.2
Feed-through terminals	D.4
Modular PE terminals	D.22
Double/Multi level terminals	D.38
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Mini terminals	D.94
Terminals with electronic components	D.102
Test-disconnect terminals	D.110
Accessories Z-Series	D.112

# Z-Series / Tension clamp connection technology



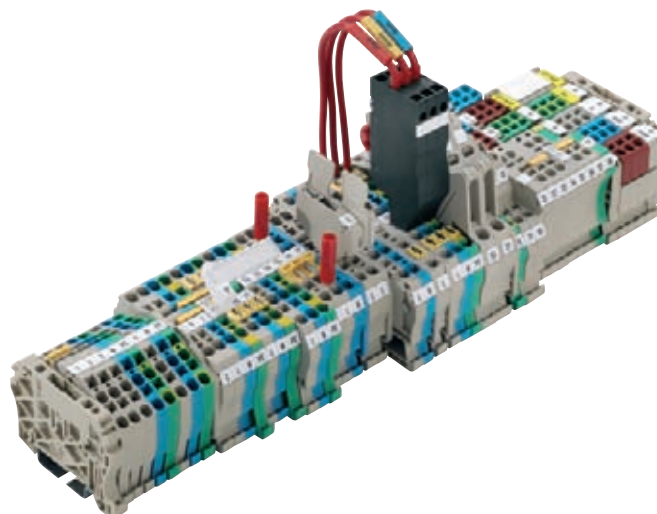
Modular terminals with tension clamp connections – the Z-Series – were specially designed to meet customers' requirements:

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

**D**

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

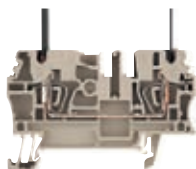
The plug-in standard cross-connections enable potentials to be distributed over any number of terminals.



## Versions

### Z-Standard

- Conductor cross-sections from 0.13 to 16 mm<sup>2</sup>
- Top-entry conductor insertion parallel with screwdriver operation



### Z-Roof

- Conductor cross-sections from 0.13 to 16 mm<sup>2</sup>
- Length reduced by up to 36 %
- Conductor and screwdriver inserted at an angle



## Product overview

Rated cross-section	1.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>		4 mm <sup>2</sup>		6 mm <sup>2</sup>		10 mm <sup>2</sup>		16 mm <sup>2</sup>		35 mm <sup>2</sup>	
	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof
<b>Feed-through terminals</b>														
2 connections	•		•	•	•	•	•	•	•		•	•		•
3 connections	•		•	•	•	•	•	•	•		•			
4 connections	•		•	•	•	•								
2 x 2 connections	•		•											
<b>PE terminals</b>														
2 connections	•		•	•	•	•	•	•	•		•	•		•
3 connections	•		•	•	•	•	•	•	•		•			
4 connections	•		•	•	•	•								
<b>Fuse terminals</b>			•	•					•					
<b>Disconnect test terminal blocks</b>			•	•				•						
<b>Power supply terminals</b>							•				•	•		
<b>Neutral conductor terminals</b>				•		•		•		•		•		•
<b>Two-tier terminals</b>	•		•	•		•		•						
<b>Three-conductor/distribution terminals</b>				•										
<b>Plug-in terminals</b>			•		•									
<b>Miniature block terminals</b>			•											
<b>Initiator / actuator terminals</b>			•											
<b>Terminals with electronic components</b>			•	•		•								

**1 The connection**

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

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



**2 Plug-in cross-connections**

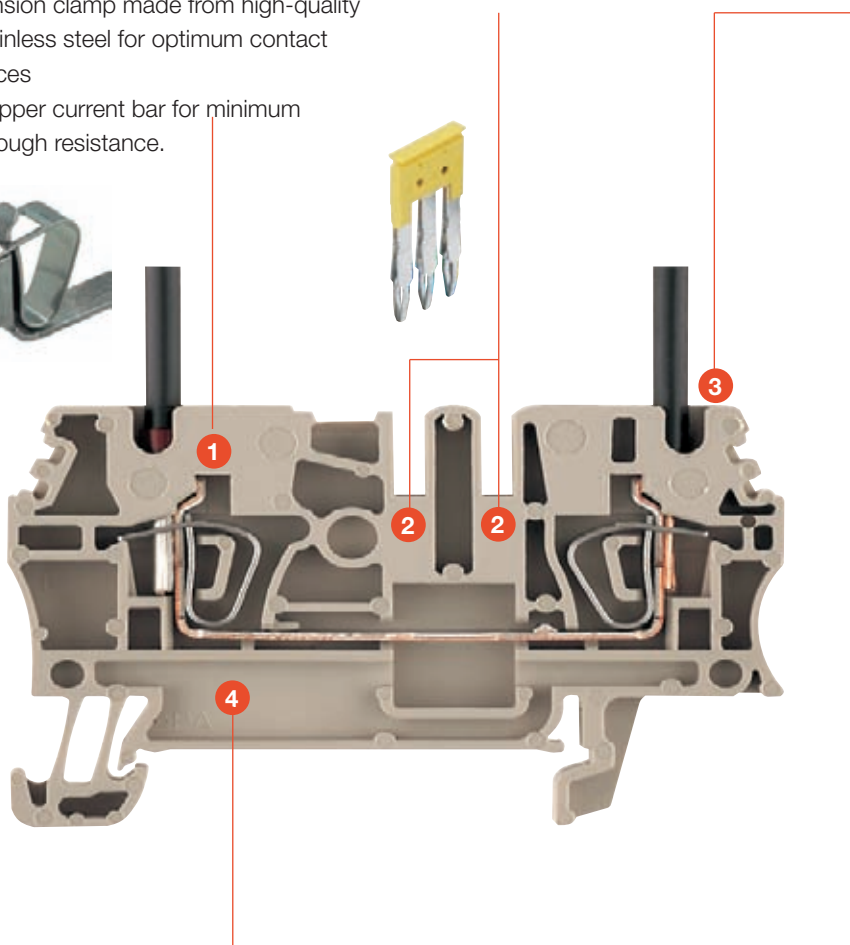
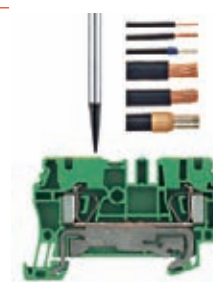
- 2- to 10-pole, or “continuous” for custom assemble.
- Full rated current
- Breakout poles for bypassing other connections.



**3 Easy to use**

Practical connection thanks to parallel insertion of conductor and screwdriver.

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



**The Wemid insulating material**

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

**Clarity means reliability**

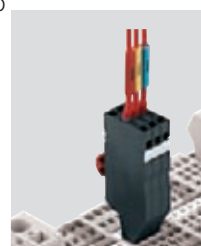
- Easy to use thanks to generous clamping space to IEC 60947-1
- Suitable for connecting conductors from 0.08 to 35 mm<sup>2</sup>
- For clamping one conductor per clamping point to IEC 60999

**4 Reliable contact**

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

**Comprehensive accessories**

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



**Standards and directives**

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

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



## Feed-through terminals

### Standard form

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

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

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

### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

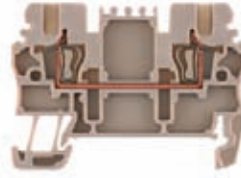
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDU 1.5

1.5 mm<sup>2</sup>

#### Two connections



3.5 x 51.5 x 37	
<b>17.5 / 1.5</b>	
<b>0.05...1.5</b>	

IEC 60947-7-1				Ex e ll  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							
0.5...1.5							
0.5...1.5 / 0.5...1.5							
10 / 0.4 x 2.0 mm							
Note							

Type	Qty	Order No.
ZDU 1.5	100	<b>1775480000</b>
ZDU 1.5 BL	100	<b>1775490000</b>
Note		

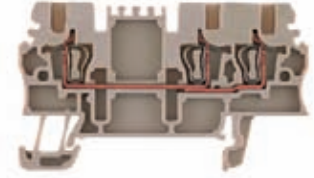
Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	<b>1776120000</b>
ZQV 1.5/3	17.5 A	60	<b>1776130000</b>
ZQV 1.5/4	17.5 A	60	<b>1776140000</b>
ZQV 1.5/10	17.5 A	20	<b>1776200000</b>
Width			
ZAP/TW ZDU1.5/2AN	2 mm	20	<b>1776030000</b>
ZAP/TW ZDU1.5/2AN BL	2 mm	20	<b>1776040000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 5	3.5 mm	25	<b>1776210000</b>
ZTA 5/ZA	3.5 mm	25	<b>1776220000</b>
SD 0.4x2.0x60		1	<b>9037160000</b>
ZRH 1.5S/1		500	<b>1781950000</b>
ZRH 1.5S/2		500	<b>1781960000</b>
ZAD 7/4		20	<b>1781940000</b>
Note			

Type	Qty	Order No.
DEK 5/3,5 / WS 12/3,5		
Note		

### ZDU 1.5/3 AN

1.5 mm<sup>2</sup>

#### Three connections



3.5 x 63.5 x 37	
<b>17.5 / 1.5</b>	
<b>0.05...1.5</b>	

IEC 60947-7-1				Ex e ll  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							
0.5...1.5							
0.5...1.5 / 0.5...1.5							
10 / 0.4 x 2.0 mm							
Note							

Type	Qty	Order No.
ZDU 1.5/3AN	100	<b>1775530000</b>
ZDU 1.5/3AN BL	100	<b>1775540000</b>
Note		

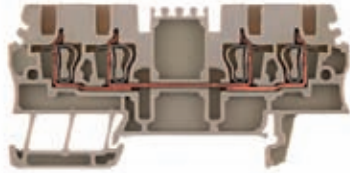
Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	<b>1776120000</b>
ZQV 1.5/3	17.5 A	60	<b>1776130000</b>
ZQV 1.5/4	17.5 A	60	<b>1776140000</b>
ZQV 1.5/10	17.5 A	20	<b>1776200000</b>
Width			
ZAP/TW ZDU1.5/3AN	2 mm	20	<b>1776060000</b>
ZAP/TW ZDU1.5/3AN BL	2 mm	20	<b>1776070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 5	3.5 mm	25	<b>1776210000</b>
ZTA 5/ZA	3.5 mm	25	<b>1776220000</b>
SD 0.4x2.0x60		1	<b>9037160000</b>
ZRH 1.5S/1		500	<b>1781950000</b>
ZRH 1.5S/2		500	<b>1781960000</b>
ZAD 7/4		20	<b>1781940000</b>
Note			

Type	Qty	Order No.
DEK 5/3,5 / WS 12/3,5		
Note		

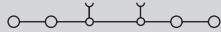
ZDU 1.5/4 AN

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
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

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

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

Width			
ZAP/TW ZDU1.5/4AN	2 mm	20	1776090000
ZAP/TW ZDU1.5/4AN BL	2 mm	20	1776100000

ZEW 35	6 mm	20	9540000000
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ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000

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

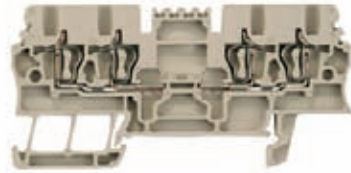
ZAD 7/4	20	1781940000
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DEK 5/3,5 / WS 12/3,5

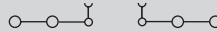
ZDU 1.5 2x2AN

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
500	300	300
17.5	15	20
1.5	AWG 30...14	AWG 26...14
6 / 3		
B1 / V-0		

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

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

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

Width			
ZAP/TW ZDU1.5/4AN	2 mm	20	1776090000
ZAP/TW ZDU1.5/4AN BL	2 mm	20	1776100000

ZEW 35	6 mm	20	9540000000
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ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000

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

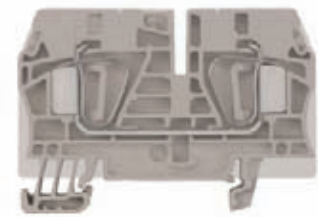
ZAD 7/4	20	1781940000
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DEK 5/3,5 / WS 12/3,5

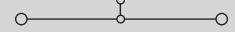
ZEI 6

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
500		
41		
6		
8 / 4		
A5 / V-0		

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

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

Type	Qty	Order No.
ZEI 6	20	1791190000

End plate is integrated.

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

Width			
ZEW 35	6 mm	20	9540000000

ZTA 3 ZDU6	8.1 mm	25	1654050000
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SD 0.8x4.0x100	1	9008340000
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ZAD 3/4	20	1609120000
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DEK 8 / WS 12/6

The plug-in cross-connections ZQV 1.5/... can be used. Rated voltage is reduced to 400 V or the rated voltage of the distribution terminals.

## Feed-through terminals

### Standard form

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

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

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



### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

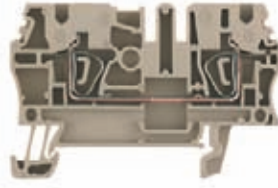
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

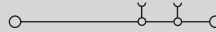
### ZDU 2.5


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 ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
24	25	27	21				
2.5	AWG 30...12	AWG 26...12	2.5				
				8 / 3			
				A3 / V-0			
				KEMA 97ATEX2521 U			
Rated connection							
0.5...4							
0.5...4 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
Note							

Type	Qty	Order No.
ZDU 2.5	100	<b>1608510000</b>
ZDU 2.5 BL	100	<b>1608520000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW 1	2 mm	50	<b>1608740000</b>
ZAP/TW 1 BL	2 mm	50	<b>1608750000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 2.5/1 WS		1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0		1000	<b>1614290000</b>
ZAD 1/4		20	<b>1609110000</b>

DEK 5/5 / WS 10/5
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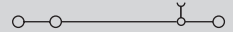
### ZDU 2.5/3AN


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 ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
24	25	27	21				
2.5	AWG 30...12	AWG 26...12	2.5				
				8 / 3			
				A3 / V-0			
				KEMA 97ATEX2521 U			
Rated connection							
0.5...4							
0.5...4 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
Note							

Type	Qty	Order No.
ZDU 2.5/3AN	100	<b>1608540000</b>
ZDU 2.5/3AN BL	100	<b>1608550000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

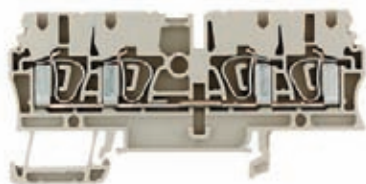
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW 2 DB	2 mm	50	<b>1608770000</b>
ZAP/TW 2 BL	2 mm	50	<b>1608780000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 2.5/1 WS		1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0		1000	<b>1614290000</b>
ZAD 1/4		20	<b>1609110000</b>

DEK 5/5 / WS 10/5
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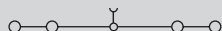
**ZDU 2.5/4AN**

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 ll II 2 G D

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

KEMA 97ATEX2521 U

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

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

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW 3	2 mm	50	1608800000
ZAP/TW 3 BL	2 mm	50	1608810000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
ZAD 1/4		20	1609110000

DEK 5/5 / WS 10/5

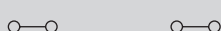
**ZDU 2.5/2x2AN**

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

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

Type	Qty	Order No.	
ZAP/TW 3	2 mm	50	1608800000
ZAP/TW 3 BL	2 mm	50	1608810000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
ZAD 1/4		20	1609110000

DEK 5/5 / WS 10/5

## Feed-through terminals

### Standard form

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

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

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

### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

#### Version

Dark beige Wemid
Blue Wemid

#### Note

### Accessories

#### Pluggable cross-connection



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

#### End plate / partition

Dark beige Wemid
Blue Wemid

#### End bracket

Dark beige Wemid
------------------

#### Test adapter

Standard
With assembly peg

#### Screwdriver

Standard
----------

#### Reducing sleeves

For conductors < 0,5 mm <sup>2</sup> / AWG 20
For conductors < 1,0 mm <sup>2</sup> / AWG 18

#### Cover



With lightning flash symbol
-----------------------------

#### Marking systems

(see assortment in catalogue 7)

Marking tags

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

### ZDU 4

4 mm<sup>2</sup>

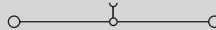
#### Two connections



6.1 x 62 x 43.5

41 / 6

0.13...6



IEC 60947-7-1

Ex e ll



II 2 G D

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

KEMA 97ATEX2521 U

#### Rated connection

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

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

#### Type

ZDU 4	100	1632050000
ZDU 4 BL	100	1632060000

#### Type

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000

#### Width

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

#### ZEW 35

ZEW 35	6 mm	20	9540000000
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#### ZTA 2 ZDU4

ZTA 2 ZDU4	6.1 mm	25	1609060000
------------	--------	----	------------

ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
---------------	--------	----	------------

#### SD 0.6x3.5x100

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

#### ZRH 4/1 WS

ZRH 4/1 WS		1000	1636640000
------------	--	------	------------

ZRH 4/2		1000	1636650000
---------	--	------	------------

#### ZAD 2/4

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

DEK 5/6 / WS 10/6

### ZDU 4/3 AN

4 mm<sup>2</sup>

#### Three connections



6.1 x 83.5 x 43.5

41 / 6

0.13...6



IEC 60947-7-1

Ex e ll



II 2 G D

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

KEMA 00ATEX2107 U

#### Rated connection

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

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

#### Type

ZDU 4/3AN	50	7904180000
ZDU 4/3AN BL	50	7904190000

#### Type

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000

#### Width

ZAP/TW 4/3AN	2 mm	20	7904100000
ZAP/TW 4/3AN BL	2 mm	20	7904110000

#### ZEW 35

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

#### ZTA 2 ZDU4

ZTA 2 ZDU4	6.1 mm	25	1609060000
------------	--------	----	------------

ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
---------------	--------	----	------------

#### SD 0.6x3.5x100

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

#### ZRH 4/1 WS

ZRH 4/1 WS		1000	1636640000
------------	--	------	------------

ZRH 4/2		1000	1636650000
---------	--	------	------------

#### ZAD 2/4

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

DEK 5/6 / WS 12/6

**ZDU 4/4 AN**

4 mm<sup>2</sup>

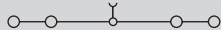
Four connections



6.1 x 104.5 x 43.5

41 / 6

0.13...6



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

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

KEMA 00ATEX2107 U

**Rated connection**

0.5...6 / 0.5...6

0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

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

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

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
<b>Width</b>			
ZAP/TW4/4AN	2 mm	20	7904210000
ZAP/TW4/4AN BL	2 mm	20	7904220000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
<b>Width</b>			
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000
<b>Width</b>			
ZAD 2/4		20	1609080000

DEK 5/6 / WS 12/6

**ZDU 6**

6 mm<sup>2</sup>

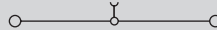
Two connections



8.1 x 65 x 45.6

57 / 10

0.22...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**

0.5...10

0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

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

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

Type	current	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
<b>Width</b>			
ZQV 6/24 GE	41 A	10	1908990000
<b>Width</b>			
ZAP/TW 5	2 mm	50	1608830000
ZAP/TW 5 BL	2 mm	50	1608840000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
<b>Width</b>			
SD 1.0x5.5x150		1	9008350000
<b>Width</b>			
ZAD 3/4		20	1609120000

DEK 5/8 / WS 12/6

**ZDU 6/3 AN**

6 mm<sup>2</sup>

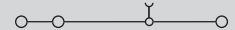
Three connections



8.1 x 90 x 45.6

57 / 10

0.22...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**

0.5...10

0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

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

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

Type	current	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
<b>Width</b>			
ZQV 6/24 GE	41 A	10	1908990000
<b>Width</b>			
ZAP/TW6/3AN	2 mm	20	7907370000
ZAP/TW6/3AN BL	2 mm	20	7907380000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
<b>Width</b>			
SD 1.0x5.5x150		1	9008350000
<b>Width</b>			
ZAD 3/4		20	1609120000

DEK 5/8 / WS 12/6

## Feed-through terminals

### Standard form

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

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

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

### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDU 10

10 mm<sup>2</sup>

#### Two connections



10.1 x 73.5 x 50.5	
<b>72 / 16</b>	
<b>1.31...16</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
1000	600	600	550	800	600	600	550
57	60	55	50	57	60	55	50
10	AWG 16...6	AWG 16...6	10	10	AWG 16...6	AWG 16...6	10
				8 / 3			
				A6 / V-0			
				KEMA 99ATEX5514 U			
Rated connection							
1.5...16 / 1.5...16							
1.5...10 / 1.5...10							
18 / 1.0 x 5.5 mm							
Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.							
Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.							

Type	Qty	Order No.
ZDU 10	25	<b>1746750000</b>
ZDU 10 BL	25	<b>1746760000</b>

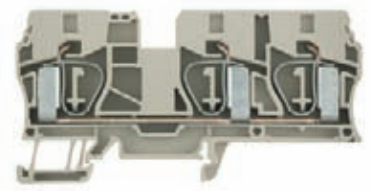
Type	current	Qty	Order No.
ZQV 10/2	17.5 A	25	<b>1739680000</b>
Width			
ZAP/TW ZDU10	2.7 mm	20	<b>1748660000</b>
ZAP/TW ZDU10 BL	2.7 mm	20	<b>1764110000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
ZAD 4/5		20	<b>1746730000</b>

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

### ZDU 10/3AN

10 mm<sup>2</sup>

#### Three connections



10.1 x 99 x 50.5	
<b>57 / 16</b>	
<b>1.31...16</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
57	60	55	50	57	60	55	50
10	AWG 16...6	AWG 16...6	10	10	AWG 16...6	AWG 16...6	10
				8 / 3			
				A6 / V-0			
				KEMA 00ATEX2107 U			
Rated connection							
1.5...16 / 1.5...16							
1.5...10 / 1.5...10							
18 / 1.0 x 5.5 mm							
Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.							
Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.							

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

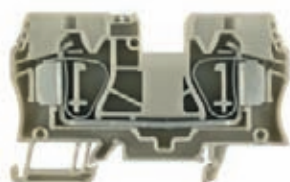
Type	current	Qty	Order No.
ZQV 10/2	17.5 A	25	<b>1739680000</b>
Width			
ZAP/TW 10/16	3 mm	20	<b>1749580000</b>
ZAP/TW 10/16 BL	3 mm	20	<b>1768520000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
ZAD 4/5		20	<b>1746730000</b>

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

**ZDU 16**

16 mm<sup>2</sup>

Two connections



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



IEC 60947-7-1 Ex e II **Ex** 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			

**CE** **UL** **CSA** **RU** KEMA 99ATEX5514 U

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

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

Type	Qty	Order No.
ZDU 16	25	<b>1745230000</b>
ZDU 16 BL	25	<b>1745240000</b>

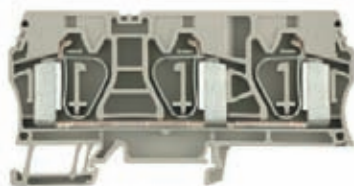
Type	current	Qty	Order No.
ZQV 16/2	76 A	25	<b>1739690000</b>
<b>Width</b>			
ZAP/TW ZDU16	3 mm	20	<b>1745150000</b>
ZAP/TW ZDU16 BL	3 mm	20	<b>1764100000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
<b>Width</b>			
SD 1.0x5.5x150		1	<b>9008350000</b>
ZAD 5/5		20	<b>1745210000</b>

DEK 5/5 / WS 15/5

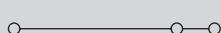
**ZDU 16/3 AN**

16 mm<sup>2</sup>

Three connections



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



IEC 60947-7-1 Ex e II **Ex** 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			

**CE** **UL** **CSA** **RU** KEMA 00ATEX2107 U

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

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

Type	Qty	Order No.
<b>Width</b>		
ZAP/TW 10/16	3 mm	20
ZAP/TW 10/16 BL	3 mm	20
ZEW 35	6 mm	20
<b>Width</b>		
SD 1.0x5.5x150		1
ZAD 5/5		20

DEK 5/5 / WS 15/5

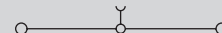
**ZEI 16**

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
500	600	600
76	65	65
16	AWG 14...4	AWG 14...4
8 / 3		
A7 / V-0		

**CE** **UL** **CSA** **RU** **CE** **UL** **CSA** **RU** KEMA 00ATEX2107 U

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

Type	Qty	Order No.
ZEI 16	20	<b>1745350000</b>
ZEI 16 BL	20	<b>1766240000</b>

End plate is integrated.

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 6/4 GE	41 A	60	<b>1627870000</b>
<b>Width</b>			
ZEW 35	6 mm	20	<b>9540000000</b>
<b>Width</b>			
SD 1.0x5.5x150		1	<b>9008350000</b>
ZAD 5/5		20	<b>1745210000</b>

DEK 5/5 / WS 15/5

## Feed-through terminals

### Standard form

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

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

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

### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

#### Version

Dark beige Wemid
Blue Wemid

#### Note

### Accessories

#### Pluggable cross-connection



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

#### End plate / partition

Dark beige Wemid
Blue Wemid

#### End bracket

Dark beige Wemid
------------------

#### Test adapter

Standard
With assembly peg

#### Screwdriver

Standard
----------

#### Reducing sleeves

For conductors < 0,5 mm <sup>2</sup> / AWG 20
For conductors < 1,0 mm <sup>2</sup> / AWG 18

#### Cover



With lightning flash symbol
-----------------------------

#### Marking systems

(see assortment in catalogue 7)

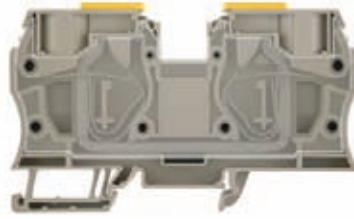
Marking tags

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

## ZDU 35

35 mm<sup>2</sup>

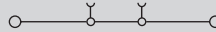
### Two connections



16 x 100.5 x 59

125 / 35

2.5...35



IEC 60947-7-1

Ex e ll



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			
AB / V-0			

CE



KEMA 00ATEX2107 U

#### Rated connection

2.5...16 / 2.5...35

2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

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

Type	Qty	Order No.
ZDU 35	10	1739620000
ZDU 35 BL	10	1739630000
End plate is integrated.		

Type	current	Qty	Order No.
ZQV 35/2	105 A	10	1739700000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
<b>SD 1.0x5.5x150</b>			
		1	9008350000
<b>ZAD 6/5</b>			
		20	1752620000

DEK 5/5 / WS 15/5



## Feed-through terminals

### Roof-style

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

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

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



### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

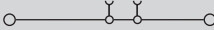
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



### ZDU 2.5-2

2.5 mm<sup>2</sup>

#### Two connections



5.1 x 50.5 x 44	
<b>24 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	24	24	21	24	23	23	21
2.5	AWG 26...12	AWG 30...12	2.5	2.5	AWG 26...12	AWG 30...12	2.5
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...4							
0.5...2.5 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
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	100	1772060000
ZDU 2.5-2 BL	100	1772070000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZAP/TW7 BL	2.5 mm	50	1706120000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000

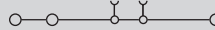
Marking systems	
	DEK 5 / WS 14/5
	The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).



### ZDU 2.5-2/3AN

2.5 mm<sup>2</sup>

#### Three connections



5.1 x 50.5 x 44	
<b>24 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	23	23	21	24	23	23	21
2.5	AWG 26...12	AWG 30...12	2.5	2.5	AWG 26...12	AWG 30...12	2.5
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...4							
0.5...2.5 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
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 2.5-2/3AN	100	1706010000
ZDU 2.5-2/3AN BL	100	1706040000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZAP/TW7 BL	2.5 mm	50	1706120000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000

Marking systems	
	DEK 5 / WS 14/5
	The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

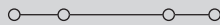
**ZDU 2.5-2/4AN**

**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 ll 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
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm
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	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
<b>Width</b>			
ZAP/TW7	2.5 mm	50	<b>1706110000</b>
ZAP/TW7 BL	2.5 mm	50	<b>1706120000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	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>

DEK 5 / WS 14/5  
The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

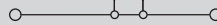
**ZDU 4-2**

**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 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 mm

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	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
ZQV 4/20 GE	32 A	20	<b>1909010000</b>
<b>Width</b>			
ZAP ZDU4-2	2 mm	50	<b>1770400000</b>
ZAP ZDU4-2 BL	2 mm	50	<b>1770880000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>

DEK 5/6 / 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 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 mm

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	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
ZQV 4/20 GE	32 A	20	<b>1909010000</b>
<b>Width</b>			
ZAP ZDU4-2	2 mm	50	<b>1770400000</b>
ZAP ZDU4-2 BL	2 mm	50	<b>1770880000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>

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>

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

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



### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

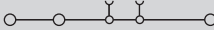
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


### ZDU 4-2/3AN LSC

4 mm<sup>2</sup>

#### Three connections



6.1 x 61.5 x 46	
<b>38 / 6</b>	
<b>0.13...6</b>	

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

Type	Qty	Order No.
ZDU 4-2/3AN LSC	100	<b>1790520000</b>
Note		
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
ZQV 4/20 GE	32 A	20	<b>1909010000</b>
Width			
ZAP ZDU4-2	2 mm	50	<b>1770400000</b>
ZAP ZDU4-2 BL	2 mm	50	<b>1770880000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>

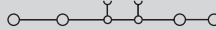
Type	current	Qty	Order No.
DEK 5/6 / WS 12/6			
The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).			


### ZDU 4-2/4AN

4 mm<sup>2</sup>

#### Four connections



6.1 x 75.1 x 46	
<b>32 / 6</b>	
<b>0.13...6</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
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 mm							

Type	Qty	Order No.
ZDU 4-2/4AN	100	<b>1806980000</b>
ZDU 4-2/4AN BL	100	<b>1806990000</b>
Note		
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
ZQV 4/20 GE	32 A	20	<b>1909010000</b>
Width			
ZAP ZDU4-2/4AN	2 mm	50	<b>1807010000</b>
ZAP ZDU4-2/4AN BL	2 mm	50	<b>1807020000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>

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

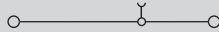
**ZDU 6-2/2AN**

6 mm<sup>2</sup>

Two connections



8.1 x 68 x 50  
41 / 10  
0.22...10



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

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

KEMA 97ATEX4677 U

**Rated connection**

0.5...10  
0.5...10 / 0.5...6  
12 / 0.6 x 3.5 mm

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

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

Type	current	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
<b>Width</b>			
ZQV 6/24 GE	41 A	10	1908990000
ZAP ZDU6-2	2.5 mm	50	1771440000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.8x4.0x100		1	9008340000

DEK 5/8

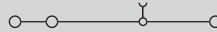
**ZDU 6-2/3AN**

6 mm<sup>2</sup>

Three connections



8.1 x 68 x 50  
41 / 10  
0.22...10



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

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

KEMA 97ATEX4677 U

**Rated connection**

0.5...10  
0.5...10 / 0.5...6  
12 / 0.6 x 3.5 mm

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

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

Type	current	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
<b>Width</b>			
ZQV 6/24 GE	41 A	10	1908990000
ZAP ZDU6-2	2.5 mm	50	1771440000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.8x4.0x100		1	9008340000

DEK 5/8

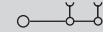
**ZEI 16-2 /1 AN**

16 mm<sup>2</sup>

Supply terminal



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



IEC 60947-7-1

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

**Rated connection**

1.5...10 25  
1.5...16 / 1.5...16  
18 / 1.0 x 5.5 mm

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

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

End plate is integrated.

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 6/4 GE	41 A	60	1627870000
<b>Width</b>			
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
<b>Width</b>			
SD 1.0x5.5x150		1	9008350000

DEK 8

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

## Feed-through terminals

### Compact style

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

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

### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

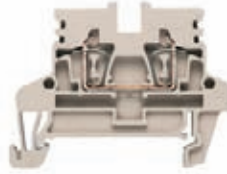
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

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

### ZDU 2.5N

2.5 mm<sup>2</sup>

2 connections



5.1 x 50.5 x 39	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1 (-7-2)				
IEC	UL	CSA	EN 60079-7	
800	300	300	550	
24	20	20	20.5	
2.5	AWG 30...12	AWG 30...12	2.5	
			6 / 3	
			A2 / V0	
Rated connection				
0.5...4 / 1.5...2.5				
0.5...2.5 / 0.5...1.5				
10 / 0.6 x 3.5 mm				
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 2.5N	50	1933700000
ZDU 2.5N BL	50	1933710000

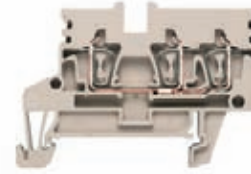
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
ZEW 35	6 mm	20	9540000000
ZTA ZT2.5			
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SD 0.6x3.5x100			
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2			
ZRH 1.5H/2		1000	1678800000
ZAD 9/4			
ZAD 9/4		20	1934160000

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

### ZDU 2.5N/3AN

2.5 mm<sup>2</sup>

3 connections



5.1 x 56.5 x 39	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1 (-7-2)				
IEC	UL	CSA	EN 60079-7	
800	300	300	550	
24	20	20	20.5	
2.5	AWG 30...12	AWG 30...12	2.5	
			6 / 3	
			A2 / V0	
Rated connection				
0.5...4 / 1.5...2.5				
0.5...2.5 / 0.5...1.5				
10 / 0.6 x 3.5 mm				
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 2.5N/3AN	50	1933720000
ZDU 2.5N/3AN BL	50	1933730000

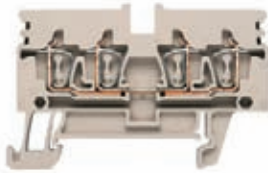
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
ZEW 35	6 mm	20	9540000000
ZTA ZT2.5			
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SD 0.6x3.5x100			
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2			
ZRH 1.5H/2		1000	1678800000
ZAD 9/4			
ZAD 9/4		20	1934160000

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

**ZDU 2.5N/4AN**

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

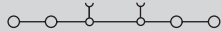
**4 connections**



5.1 x 60 x 39

**24 / 4**

**0.05...4**



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

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	20.5
2.5	AWG 30...12	AWG 30...12	2.5
6 / 3			
A2 / V0			



**Rated connection**

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

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 2.5N/4AN	50	<b>1933740000</b>
ZDU 2.5N/4AN BL	50	<b>1933750000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	<b>1933790000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</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 9/4		20	<b>1934160000</b>

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

## Feed-through terminals

### Compact style

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

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



### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

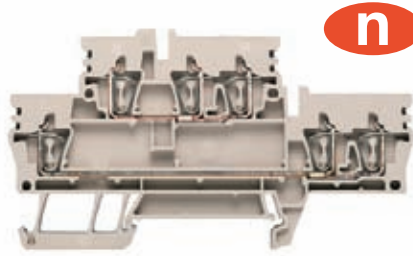
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

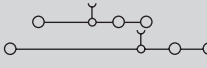
Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDK 2.5/3AN

2.5 mm<sup>2</sup>

#### Double-level terminal



5.1 x 93 x 51.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	20.5
2.5	AWG 30...12	AWG 30...12	2.5
8 / 3			
A2 / V0			



Rated connection	
0.5...4 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
Note	
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 2.5/3AN	50	<b>1924510000</b>
ZDK 2.5/3AN BL	50	<b>1924500000</b>
Terminal with diode ZDK 2.5/3AN D1, 1924440000 and ZDK 2.5/3AN D2, 1924450000		

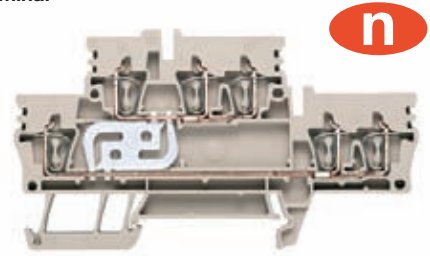
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK 2.5/3AN	2 mm	20	<b>1924910000</b>
Width			
ZEW 35	6 mm	20	<b>9540000000</b>
Width			
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
Width			
SD 0.6x3.5x100		1	<b>9008330000</b>
Width			
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
Width			
ZAD 9/4		20	<b>1934160000</b>

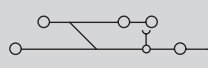
Marking systems	Snap Mark / DEK 5/5 / WS 10/5
	2.5 mm <sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

### ZDK 2.5/3AN V

2.5 mm<sup>2</sup>

#### Vertical cross-connected double-level terminal



5.1 x 93 x 51.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	20.5
2.5	AWG 30...12	AWG 30...12	2.5
8 / 3			
A2 / V0			



Rated connection	
0.5...4 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
Note	
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 2.5/3AN V	50	<b>1924490000</b>
ZDK 2.5/3AN V BL	50	<b>1924480000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK 2.5/3AN	2 mm	20	<b>1924910000</b>
Width			
ZEW 35	6 mm	20	<b>9540000000</b>
Width			
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
Width			
SD 0.6x3.5x100		1	<b>9008330000</b>
Width			
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
Width			
ZAD 9/4		20	<b>1934160000</b>

Marking systems	Snap Mark / DEK 5/5 / WS 10/5
	2.5 mm <sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).



## Modular PE terminals

### Standard model

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

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

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

### 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
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

Version	
	green/yellow Wemid
<b>Note</b>	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

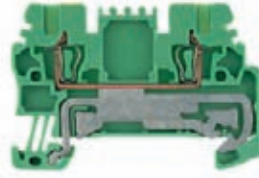
**Marking systems** (see assortment in catalogue 7)  
Marking tags

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

### ZPE 1.5

1.5 mm<sup>2</sup>

#### Two connections



3.5 x 54.5 x 37	
/ 1.5	
0.05...1.5	



IEC 60947-7-2 Ex e ll 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	
10 / 0.4 x 2.0 mm	

Type	Qty	Order No.
ZPE 1.5	100	1775510000

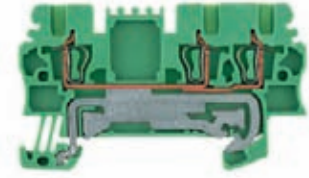
Type	Width	Qty	Order No.
ZAP/TW ZDU1.5/2AN	2 mm	20	1776030000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

DEK 5/5 / WS 12/3,5

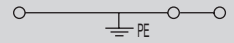
### ZPE 1.5/3AN

1.5 mm<sup>2</sup>

#### Three connections



3.5 x 63 x 37	
/ 1.5	
0.05...1.5	



IEC 60947-7-2 Ex e ll 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	
10 / 0.4 x 2.0 mm	

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

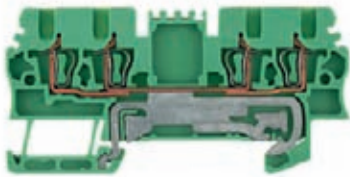
Type	Width	Qty	Order No.
ZAP/TW ZDU1.5/3AN	2 mm	20	1776060000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

DEK 5/5 / WS 12/3,5

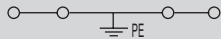
**ZPE 1.5/4AN**

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 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  
10 / 0.4 x 2.0 mm

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

Type	Width	Qty	Order No.
ZAP/TW ZDU1.5/4AN	2 mm	20	1776090000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

DEK 5/5 / WS 12/3,5

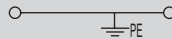
**ZPE 2.5**

2.5 mm<sup>2</sup>

Two connections



5.1 x 63 x 39.5  
/ 4  
0.05...4



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

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

3

A3 / V-0

KEMA 97ATEX2521 U

**Rated connection**

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

Type	Qty	Order No.
ZPE 2.5	100	1608640000

Type	Width	Qty	Order No.
ZAP/TW 1	2 mm	50	1608740000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000

DEK 5/5 / WS 10/5

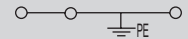
**ZPE 2.5/3AN**

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 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**

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

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

Type	Width	Qty	Order No.
ZAP/TW 2 DB	2 mm	50	1608770000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000

DEK 5/5 / 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>.

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

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

### Technical data

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

### Ordering data

Version	
	green/yellow Wemid
<b>Note</b>	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

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

### ZPE 2.5/4AN

2.5 mm<sup>2</sup>

#### Four connections



5.1 x 79.5 x 39.5	
/ 4	
<b>0.05...4</b>	

IEC 60947-7-2 Ex e ll 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	
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

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

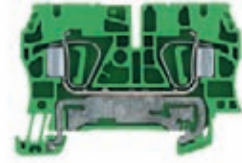
Type	Width	Qty	Order No.
ZAP/TW 3	2 mm	50	<b>1608800000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 2.5/1 WS		1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0		1000	<b>1614290000</b>

DEK 5/5 / WS 10/5

### ZPE 4

4 mm<sup>2</sup>

#### Two connections



6.1 x 64 x 43.5	
/ 6	
<b>0.13...6</b>	

IEC 60947-7-2 Ex e ll 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	
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZPE 4	100	<b>1632080000</b>

Type	Width	Qty	Order No.
ZAP/TW 4	2 mm	50	<b>1632090000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 2 ZDU4	6.1 mm	25	<b>1609060000</b>
ZTA 2/ZA ZDU4	6.1 mm	25	<b>1609070000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 4/1 WS		1000	<b>1636640000</b>
ZRH 4/2		1000	<b>1636650000</b>

DEK 5/6 / WS 12/6

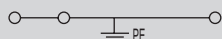
**ZPE 4/3 AN**

4 mm<sup>2</sup>

Three connections



6.1 x 85.5 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**

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

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

Type	Width	Qty	Order No.
ZAP/TW 4/3AN	2 mm	20	7904100000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

DEK 5/6 / WS 12/6

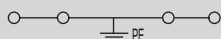
**ZPE 4/4 AN**

4 mm<sup>2</sup>

Four connections



6.1 x 104.5 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**

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

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

Type	Width	Qty	Order No.
ZAP/TW4/4AN	2 mm	20	7904210000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

DEK 5/6 / 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>.

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

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

### Technical data

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

### Ordering data

Version	
	green/yellow Wemid
<b>Note</b>	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

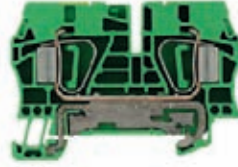
**Marking systems** (see assortment in catalogue 7)  
Marking tags

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

### ZPE 6

6 mm<sup>2</sup>

#### Two connections



8.1 x 65 x 45.5	
/ 10	
<b>0.22...10</b>	

IEC 60947-7-2 Ex e ll 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	
13 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZPE 6	50	<b>1608670000</b>

Type	Width	Qty	Order No.
ZAP/TW 5	2 mm	50	<b>1608830000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 3 ZDU6	8.1 mm	25	<b>1654050000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/8 / WS 12/6

### ZPE 6/3 AN

6 mm<sup>2</sup>

#### Three connections



8.1 x 90 x 45.6	
/ 10	
<b>0.22...10</b>	

IEC 60947-7-2 Ex e ll 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	
13 / 0.6 x 3.5 mm	

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

Type	Width	Qty	Order No.
ZAP/TW6/3AN	2 mm	20	<b>7907370000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 3 ZDU6	8.1 mm	25	<b>1654050000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/8 / WS 12/6

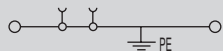
**ZPE 10**

10 mm<sup>2</sup>

Two connections



10.1 x 73.5 x 50.5  
/ 16  
1.31...16



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

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10
800			
8			
	3		
	A6 / V-0		

KEMA 99ATEX5514 U

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

Type	Qty	Order No.
ZPE 10	25	1746770000

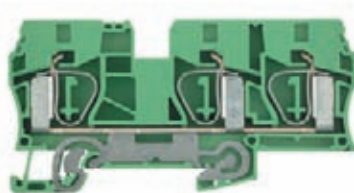
Type	Width	Qty	Order No.
ZAP/TW ZDU10	2.7 mm	20	1748660000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/5 / WS 12/6

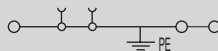
**ZPE 10/3 AN**

10 mm<sup>2</sup>

Three connections



10.1 x 99 x 50.5  
/ 16  
1.31...16



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

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10
800			
8			
	3		
	A6 / V-0		

KEMA 00ATEX2107 U

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

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

Type	Width	Qty	Order No.
ZAP/TW 10/16	3 mm	20	1749580000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/5 / 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>.

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

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

### Technical data

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

### Ordering data

Version	Note
green/yellow Wemid	
Note	

### Accessories

End plate / partition	End bracket	Test adapter	Screwdriver	Reducing sleeves
Dark beige Wemid	Dark beige Wemid	Standard With assembly peg	Standard	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

### ZPE 16

16 mm<sup>2</sup>

#### Two connections



12.1 x 82.5 x 51.5	
/ 25	
1.5...25	

IEC 60947-7-2				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...4	16	16	AWG 14...4	AWG 14...4	16
800				800			
8				8			
	3				3		
	A7 / V-0				A7 / V-0		
				KEMA 99ATEX5514 U			
Rated connection							
1.5...16 / 16...25							
1.5...16 / 1.5...16							
18 / 1.0 x 5.5 mm							
To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.							

Type	Qty	Order No.
ZPE 16	25	1745250000

Type	Width	Qty	Order No.
ZAP/TW ZDU16	3 mm	20	1745150000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

Marking systems	For detailed information on other accessories and applications, refer to the „Accessories“ section
DEK 5/5 / WS 15/5	The plug-in cross-connections ZQV 16/2 (1739690000) can be used.

### ZPE 16/3AN

16 mm<sup>2</sup>

#### Three connections



12.1 x 99 x 51.5	
/ 25	
1.5...25	

IEC 60947-7-2				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...4	16	16	AWG 14...4	AWG 14...4	16
800				800			
8				8			
	3				3		
	A7 / V-0				A7 / V-0		
				KEMA 00ATEX2107 U			
Rated connection							
1.5...16 / 16...25							
1.5...16 / 1.5...16							
18 / 1.0 x 5.5 mm							
To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.							

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

Type	Width	Qty	Order No.
ZAP/TW 10/16	3 mm	20	1749580000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

Marking systems	For detailed information on other accessories and applications, refer to the „Accessories“ section
DEK 5/5 / WS 15/5	

**ZPE 35**

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

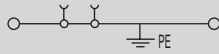
Two connections



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**

2.5...16 / 2.5...35

2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

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	Qty	Order No.
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/5 / 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>

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

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

### Technical data

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

### Ordering data

Version	
	green/yellow Wemid
Note	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

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

### ZPE 2.5-2

2.5 mm<sup>2</sup>

#### Two connections



5.1 x 50.5 x 44	
/ 4	
<b>0.13...4</b>	

IEC 60947-7-2 Ex e ll 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	
0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
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	100	<b>1772090000</b>

Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	<b>1706110000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	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 5/5 / WS 14/5

### ZPE 2.5-2/3AN

2.5 mm<sup>2</sup>

#### Three connections



5.1 x 50.5 x 44	
/ 4	
<b>0.13...4</b>	

IEC 60947-7-2 Ex e ll 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	
0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
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 2.5-2/3AN	100	<b>1706090000</b>

Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	<b>1706110000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	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 14/5

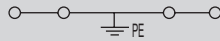
**ZPE 2.5-2/4AN**

**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 **Ex** 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			

**CE** **UL** **KEMA** **RU** KEMA 97ATEX4677 U

**Rated connection**

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

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

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

Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	<b>1706110000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	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 5/5 / WS 10/5

**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 **Ex** II 2 G D

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

**CE** **UL** **KEMA** **RU** KEMA 97ATEX4677 U

**Rated connection**

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

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

Type	Width	Qty	Order No.
ZAP ZDU4-2	2 mm	50	<b>1770400000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 4/1 WS		1000	<b>1636640000</b>
ZRH 4/2		1000	<b>1636650000</b>

DEK 5/6 / WS 12/6

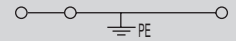
**ZPE 4-2/3AN**

**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 **Ex** II 2 G D

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

**CE** **UL** **KEMA** **RU** KEMA 97ATEX4677 U

**Rated connection**

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

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

Type	Width	Qty	Order No.
ZAP ZDU4-2	2 mm	50	<b>1770400000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 4/1 WS		1000	<b>1636640000</b>
ZRH 4/2		1000	<b>1636650000</b>

DEK 5/6 / WS 12/6

## Modular PE terminals

### Roof-style

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

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

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

### Technical data

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

#### Note

### Ordering data

Version	
	green/yellow Wemid
Note	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

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

### ZPE 4-2/4 AN

4 mm<sup>2</sup>

#### Four connections



6.1 x 75 x 46	
/ 6	
0.13...6	

IEC 60947-7-2 Ex e ll 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
	0.5...4 / 0.5...4
	10 / 0.6 x 3.5 mm

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

Type	Width	Qty	Order No.
ZAP ZDU4-2/4AN	2 mm	50	1807010000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

DEK 5/6 / WS 12/6

### ZPE 6-2/2AN

6 mm<sup>2</sup>

#### Two connections



8.1 x 68 x 50	
/ 10	
0.22...10	

IEC 60947-7-2 Ex e ll 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
	0.5...10 / 0.5...6
	12 / 0.6 x 3.5 mm

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

Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.6x3.5x100		1	9008330000

DEK 5/8

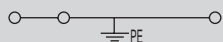
**ZPE 6-2/3AN**

6 mm<sup>2</sup>

Three connections



8.1 x 68 x 50  
/ 10  
0.22...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  
 0.5...10 / 0.5...6  
 12 / 0.6 x 3.5 mm

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

Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.8x4.0x100		1	9008340000

DEK 5/8

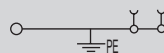
**ZPE 16-2/1AN**

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
16	AWG 14...4	AWG 14...4
800		
8		
	1920 A (16 mm <sup>2</sup> )	
	3	
	A7 / V-0	

**Rated connection**  
 1.5...10 / 16...25  
 1.5...16 / 1.5...16  
 18 / 1.0 x 5.5 mm

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

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

Type	Width	Qty	Order No.
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/8  
 The plug-in cross-connections ZQV 2.5/... , ZQV 4/... and ZQV 6/... can be used.

## Modular PE terminals

### Compact style

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

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

### Technical data

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

### Ordering data

Version	Note
green/yellow Wemid	
Note	

### Accessories

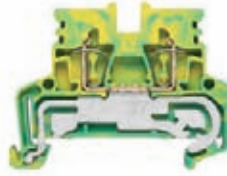
End plate / partition	End bracket	Test adapter	Screwdriver	Reducing sleeves
Dark beige Wemid	Dark beige Wemid	Standard With assembly peg	Standard	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

### ZPE 2.5N

2.5 mm<sup>2</sup>

2 connections



5.1 x 50.5 x 39	/ 4	0.05...4	
-----------------	-----	----------	--

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
6			
	3		
	A2 / V0		
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
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 2.5N	50	1933760000

Type	Width	Qty	Order No.
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
ZEW 35	6 mm	20	9540000000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

Marking systems	For detailed information on other accessories and applications, refer to the „Accessories“ section
DEK 5/5 / WS 10/5	2.5 mm <sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

### ZPE 2.5N/3AN

2.5 mm<sup>2</sup>

3 connections



5.1 x 56.5 x 39	/ 4	0.05...4	
-----------------	-----	----------	--

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
6			
	3		
	A2 / V0		
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
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 2.5N/3AN	50	1933770000

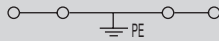
Type	Width	Qty	Order No.
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
ZEW 35	6 mm	20	9540000000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

Marking systems	For detailed information on other accessories and applications, refer to the „Accessories“ section
DEK 5/5 / WS 10/5	2.5 mm <sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

**ZPE 2.5N/4AN****2.5 mm<sup>2</sup>****4 connections****n**

5.1 x 60 x 39

/ 4

**0.05...4**

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

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
6			
	3		
	A2 / V0		

**Rated connection**

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

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 2.5N/4AN	50	<b>1933780000</b>

Type	Width	Qty	Order No.
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	<b>1933790000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</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 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

## Modular PE terminals

### Compact style

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

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


### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	
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	green/yellow Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

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

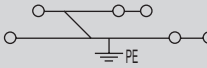
**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### ZDK 2.5/3AN PE

2.5 mm<sup>2</sup>

#### Double-level terminal



5.1 x 93 x 51.5	
/ 4	
<b>0.05...4</b>	

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

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
8			
	3		
	A2 / V0		



#### Rated connection

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

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 2.5/3AN PE	50	<b>1924470000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK 2.5/3AN	2 mm	20	<b>1924910000</b>
ZEW 35/2	8 mm	20	<b>8630740000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</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 9/4		20	<b>1934160000</b>

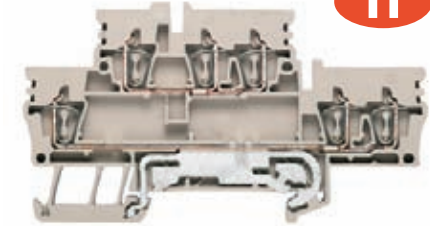
Snap Mark / DEK 5/5 / WS 10/5

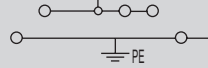
2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

### ZDK 2.5/3AN DU-PE

2.5 mm<sup>2</sup>

#### Double-level terminal (DU-PE)



5.1 x 93 x 51.5	
<b>31 / 4</b>	
<b>0.05...4</b>	

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

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
8			
	3		
	A2 / V0		



#### Rated connection

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

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 2.5/3AN DU-PE	50	<b>1924460000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK 2.5/3AN	2 mm	20	<b>1924910000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</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 9/4		20	<b>1934160000</b>

Snap Mark / DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).



## Double / Multilevel terminals

### Standard form

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

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

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



### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

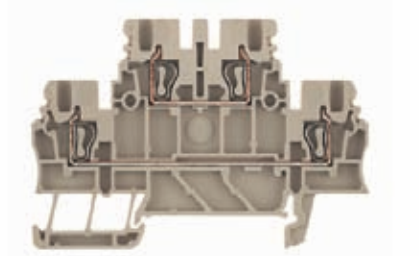
### Accessories

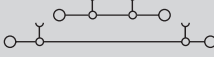
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
	with „swiftly set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDK 1.5


1.5 mm<sup>2</sup>

#### Double level terminals



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

IEC 60947-7-1

IEC	UL	CSA
500	300	300
17.5	10	10
1.5	AWG 30...16	AWG 28...16
6 / 3		
B1 / V-0		
		
Rated connection		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
10 / 0.4 x 2.0 mm		
Note		

Type	Qty	Order No.
ZDK 1.5	100	<b>1791100000</b>
ZDK 1.5 BL	100	<b>1791110000</b>
Note		

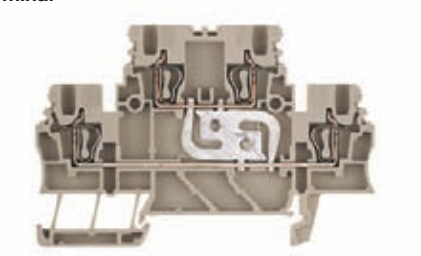
Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	<b>1776120000</b>
ZQV 1.5/3	17.5 A	60	<b>1776130000</b>
ZQV 1.5/4	17.5 A	60	<b>1776140000</b>
ZQV 1.5/10	17.5 A	20	<b>1776200000</b>
Width			
ZAP/TW ZDK1.5	2 mm	20	<b>1791160000</b>
ZAP/TW ZDK1.5 BL	2 mm	20	<b>1791170000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 5	3.5 mm	25	<b>1776210000</b>
ZTA 5/ZA	3.5 mm	25	<b>1776220000</b>
SD 0.4x2.0x60		1	<b>9037160000</b>
ZRH 1.5S/1		500	<b>1781950000</b>
ZRH 1.5S/2		500	<b>1781960000</b>
ZAD 7/4		20	<b>1781940000</b>
Note			

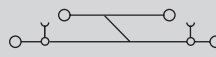
DEK 5/3,5 / WS 10/3,5
-----------------------

### ZDK 1.5V


1.5 mm<sup>2</sup>

#### Vertically cross-connected double level terminal



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

IEC 60947-7-1

IEC	UL	CSA
500	300	300
17.5	10	10
1.5	AWG 30...16	AWG 28...16
6 / 3		
B1 / V-0		
		
Rated connection		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
10 / 0.4 x 2.0 mm		
Note		

Type	Qty	Order No.
ZDK 1.5V	100	<b>1791130000</b>
ZDK 1.5V BL	100	<b>1791140000</b>
Note		

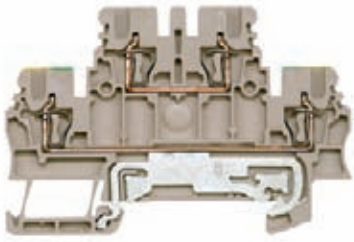
Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	<b>1776120000</b>
ZQV 1.5/3	17.5 A	60	<b>1776130000</b>
ZQV 1.5/4	17.5 A	60	<b>1776140000</b>
ZQV 1.5/10	17.5 A	20	<b>1776200000</b>
Width			
ZAP/TW ZDK1.5	2 mm	20	<b>1791160000</b>
ZAP/TW ZDK1.5 BL	2 mm	20	<b>1791170000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 5	3.5 mm	25	<b>1776210000</b>
ZTA 5/ZA	3.5 mm	25	<b>1776220000</b>
SD 0.4x2.0x60		1	<b>9037160000</b>
ZRH 1.5S/1		500	<b>1781950000</b>
ZRH 1.5S/2		500	<b>1781960000</b>
ZAD 7/4		20	<b>1781940000</b>
Note			

DEK 5/3,5 / WS 10/3,5
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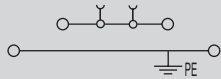
**ZDK 1.5 DU-PE**

**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
500	300	300
17.5	10	10
1.5	AWG 30...16	AWG 28...16
	6 / 3	
	B1 / V-0	



**Rated connection**

0.5...1.5  
 0.5...1.5 / 0.5...1.5  
 10 / 0.4 x 2.0 mm

Type	Qty	Order No.
ZDK 1.5DU-PE	100	<b>1791120000</b>

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

Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	<b>1776120000</b>
ZQV 1.5/3	17.5 A	60	<b>1776130000</b>
ZQV 1.5/4	17.5 A	60	<b>1776140000</b>
ZQV 1.5/10	17.5 A	20	<b>1776200000</b>
<b>Width</b>			
ZAP/TW ZDK1.5	2 mm	20	<b>1791160000</b>
ZAP/TW ZDK1.5 BL	2 mm	20	<b>1791170000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 5	3.5 mm	25	<b>1776210000</b>
ZTA 5/ZA	3.5 mm	25	<b>1776220000</b>
SD 0.4x2.0x60		1	<b>9037160000</b>
ZRH 1.5S/1		500	<b>1781950000</b>
ZRH 1.5S/2		500	<b>1781960000</b>
ZAD 7/4		20	<b>1781940000</b>

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

## Double / Multilevel terminals

### Standard form

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

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

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


### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

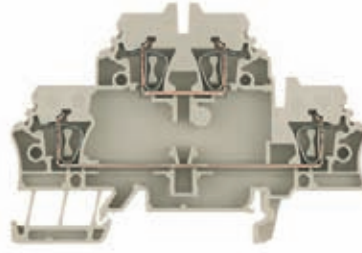
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
	with „swiftly set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

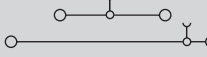
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



### ZDK 2.5

2.5 mm<sup>2</sup>

#### Double level terminals



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

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500	300	300	275	500	300	300	275
20	10	10	18	20	10	10	20
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
				6 / 3			
				A2 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...2.5							
0.5...2.5 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
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	1674300000
ZDK 2.5 BL	50	1678630000
Component plug ZBS 1(1764540000) and ZBS 1 for LED (1764550000) can be used.		

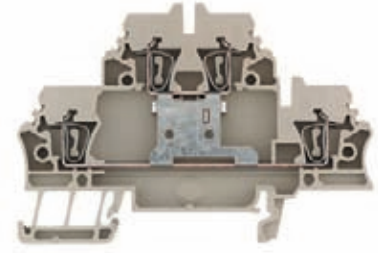
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000

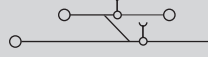
Marking systems	
	DEK 5/5 / WS 12/5
	ZVQ 2.5/15 (1720700000) connects two current bars one above the other.



### ZDK 2.5 V

2.5 mm<sup>2</sup>

#### Vertically cross-connected double level terminal



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

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500	300	300	275	500	300	300	275
20	10	10	20	20	10	10	20
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
				6 / 3			
				A2 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...2.5							
0.5...2.5 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
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 2.5V	50	1689990000
ZDK 2.5V BL	50	1745880000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000

Marking systems	
	DEK 5/5 / WS 10/5

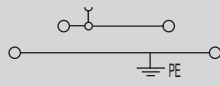
**ZDK 2.5 DU-PE**

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 **Ex** II 2 G D

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

KEMA 97ATEX4677 U

**Rated connection**

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

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 2.5DU-PE	50	1689970000

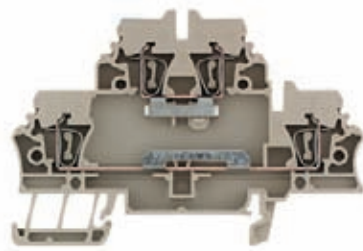
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 12/5

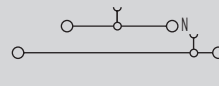
**ZDK 2.5 N-DU**

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 **Ex** 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**

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

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 2.5N-DU	50	1689960000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 12/5

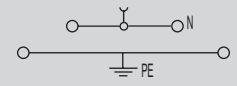
**ZDK 2.5 N-PE**

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 **Ex** 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**

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

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 2.5N-PE	50	1689800000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 12/5

## Double / Multilevel terminals

### Standard form

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

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

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


### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
	with „swiftly set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

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

### ZDLD 2.5-2 N

2.5 mm<sup>2</sup>

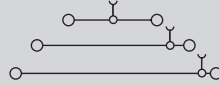
#### Three levels



5.1 x 110.5 x 70

20 / 2.5

0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
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
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

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	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000

		Width	
ZAP/TW ZDLD2.5-2N	1.5 mm	20	1782340000
ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	1782350000

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

ZTA 4	5.1 mm	25	1688110000
-------	--------	----	------------

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

SWIFTY SET	1	9006060000
------------	---	------------

ZRH 1.5H/1	1000	1678810000
------------	------	------------

ZRH 1.5H/2	1000	1678800000
------------	------	------------

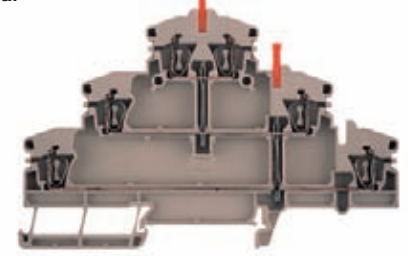
DEK 5/5 / WS 12/5

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

### ZDLD 2.5-2 VN

2.5 mm<sup>2</sup>

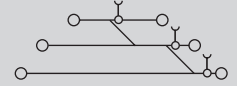
#### Vertically cross-connected multilevel terminal



5.1 x 110.5 x 70

20 / 2.5

0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
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
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

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

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000

		Width	
ZAP/TW ZDLD2.5-2N	1.5 mm	20	1782340000
ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	1782350000

ZEW 35	6 mm	20	9540000000
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ZTA 4	5.1 mm	25	1688110000
-------	--------	----	------------

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

ZRH 1.5H/1	1000	1678810000
------------	------	------------

ZRH 1.5H/2	1000	1678800000
------------	------	------------

DEK 5/5 / WS 12/5

### Standard form

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

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

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

### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
	with „swiftly set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

Marking systems	
	(see assortment in catalogue 7)
	Marking tags

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

### ZMAK 2.5

2.5 mm<sup>2</sup>

#### Motor-supply terminal



5.1 x 102 x 70	
<b>31 / 4</b>	
<b>0.13...4</b>	

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

IEC	UL	CSA
400	300	300
24	25	25
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 mm	

Type	Qty	Order No.
ZMAK 2.5	25	1768000000
Width		
ZAP ZMAK2.5	1.5 mm	10 1768010000
ZEW 35		
ZEW 35	6 mm	20 9540000000
SD 0.6x3.5x100		
SD 0.6x3.5x100	1	9008330000
ZRH 1.5H/1		
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2		
ZRH 1.5H/2	1000	1678800000

DEK 5/5 / WS 12/5
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### ZMAK 2.5 690 V

2.5 mm<sup>2</sup>

#### Motor-supply terminal



5.1 x 102 x 70	
<b>31 / 4</b>	
<b>0.13...4</b>	

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

IEC	UL	CSA
400	300	300
24	25	25
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 mm	

Type	Qty	Order No.
ZMAK 2.5 690 V	25	1027550000
Width		
ZAP ZMAK2.5 690 V	1.5 mm	10 1027560000
ZEW 35		
ZEW 35	6 mm	20 9540000000
SD 0.6x3.5x100		
SD 0.6x3.5x100	1	9008330000
ZRH 1.5H/1		
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2		
ZRH 1.5H/2	1000	1678800000

With pre-assembled end plate and a width of 6.1 mm!

DEK 5/5 / WS 12/5
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## Double / Multilevel terminals

### Standard form

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

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

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

### 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
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

Version	
	green/yellow Wemid
<b>Note</b>	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

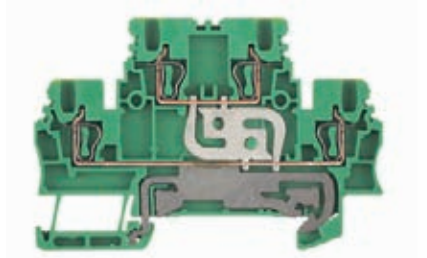
**Marking systems** (see assortment in catalogue 7)  
Marking tags

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

### ZDK 1.5 PE

1.5 mm<sup>2</sup>

#### Double level terminals



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

IEC 60947-7-2 Ex e ll 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	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0 mm	

Type	Qty	Order No.
ZDK 1.5PE	100	1791150000

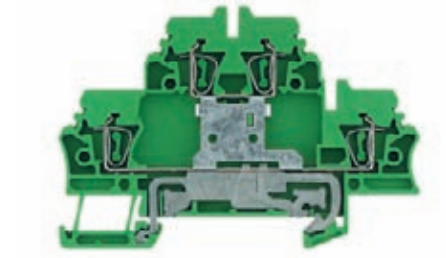
Type	Width	Qty	Order No.
ZAP/TW ZDK1.5	2 mm	20	1791160000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

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

### ZDK 2.5 PE

2.5 mm<sup>2</sup>

#### Vertically cross-connected



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

IEC 60947-7-2 Ex e ll 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	
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

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 2,5PE	50	1690000000

Type	Width	Qty	Order No.
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 12/5



## Double / Multilevel terminals

### Roof-style

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

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

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



### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

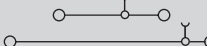
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
	with „swifty set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDK 2.5-2

2.5 mm<sup>2</sup>

#### Double level terminals



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

IEC 60947-7-1

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



Rated connection	
0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
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 2.5-2	50	<b>1790990000</b>
ZDK 2.5-2 BL	50	<b>1791000000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK2.5-2	2 mm	20	<b>1791050000</b>
ZAP/TW ZDK2.5-2 BL	2 mm	20	<b>1791060000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	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>

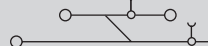
DEK 5/5 / WS 10/5
ZDK 2.5-2/LD 24VUC order No. 1905310000

### ZDK 2.5-2V

2.5 mm<sup>2</sup>

#### Vertically cross-connected double level terminal



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

IEC 60947-7-1

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



Rated connection	
0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
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 2.5-2V	50	<b>1791030000</b>
ZDK 2.5-2V BL	50	<b>1791040000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK2.5-2	2 mm	20	<b>1791050000</b>
ZAP/TW ZDK2.5-2 BL	2 mm	20	<b>1791060000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	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>

DEK 5/5 / WS 10/5
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### Roof-style

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

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

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



### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories


Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
	with „swifty set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDKPE 2.5-2


2.5 mm<sup>2</sup>

Double level terminals with PE connection on one side



5.1 x 89.5 x 55.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

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

IEC	UL	CSA
800	600	600
24	20	20
2.5	AWG 30...12	AWG 30...12
8 / 3		
A2 / V-0		
		
Rated connection		
0.5...4		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
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.
ZDKPE 2.5-2	50	<b>1805940000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
		Width	
ZAP/TW ZDKPE2.5-2	2 mm	25	<b>1805960000</b>
		Width	
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SWIFTY SET		1	<b>9006060000</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>

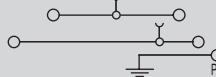
DEK 5/5 / WS 10/5
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### ZDKPE 2.5-2/N/L/PE


2.5 mm<sup>2</sup>

Double level terminals with PE connection on one side



5.1 x 89.5 x 55.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

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

IEC	UL	CSA
800	600	600
24	20	
2.5	AWG 30...12	AWG 30...12
8 / 3		
A2 / V-0		
		
Rated connection		
0.5...4		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
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.
ZDKPE 2.5-2/N/L/PE	50	<b>1895700000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
		Width	
ZAP/TW ZDKPE2.5-2	2 mm	25	<b>1805960000</b>
		Width	
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SWIFTY		1	<b>9006020000</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>

DEK 5/5 / WS 10/5
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## Double / Multilevel terminals

### Roof-style

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

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



### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
	with „swifty set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

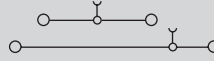
### ZDK 4 -2

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
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
8 / 3		
A3 / V-0		



#### Rated connection

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

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

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZAP/TW ZDK4-2 BL	2 mm	50	8670620000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000
ZAD 1/4		20	1609110000

DEK 5/6
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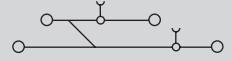
### ZDK 4-2 V

4 mm<sup>2</sup>

#### Vertically cross-connected double level terminal



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



IEC 60947-7-1

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



#### Rated connection

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

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

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZAP/TW ZDK4-2 BL	2 mm	50	8670620000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000
ZAD 1/4		20	1609110000

DEK 5/6
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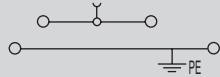
**ZDK 4-2 DU/PE**

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
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
	8 / 3	
	A3 / V-0	



**Rated connection**

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

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

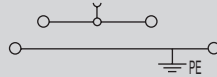
**ZDK 4-2/N/L**

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
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
	8 / 3	
	A3 / V-0	



**Rated connection**

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

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

Upper level printed blue

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
ZQV 4/20 GE	32 A	20	<b>1909010000</b>
	Width		
ZAP/TW ZDK4-2	2 mm	50	<b>8670760000</b>
ZAP/TW ZDK4-2 BL	2 mm	50	<b>8670620000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
ZQV 4/20 GE	32 A	20	<b>1909010000</b>
	Width		
ZAP/TW ZDK4-2	2 mm	50	<b>8670760000</b>
ZAP/TW ZDK4-2 BL	2 mm	50	<b>8670620000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>

DEK 5/6

DEK 5/6

## Double / Multilevel terminals

### Roof-style

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

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

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

### Technical data

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

### Ordering data

Version	
	green/yellow Wemid
Note	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

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

### ZDK 2.5-2 PE

2.5 mm<sup>2</sup>

#### Four connections



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

IEC 60947-7-2

IEC	UL	CSA
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 mm		
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 2.5-2PE	50	1791010000

Type	Width	Qty	Order No.
ZAP/TW ZDK2.5-2	2 mm	20	1791050000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.5x3.0x80		1	9008320000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

### ZDK 4-2 PE

4 mm<sup>2</sup>

#### Four connections



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

IEC 60947-7-2

IEC	UL	CSA
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 mm		

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

Type	Width	Qty	Order No.
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000

DEK 5/6

**ZPE 16-2/1AN**

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

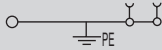
Supply terminal - PE



12 x 65 x 51.5

/ 25

1.5...25



IEC 60947-7-2

IEC	UL	CSA
16	AWG 14...4	AWG 14...4
800		
8		
	1920 A (16 mm <sup>2</sup> )	
	3	
	A7 / V-0	



**Rated connection**

1.5...10 / 16...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

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

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

Type	Width	Qty	Order No.
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/8

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

## Test-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>.

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

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

### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
	Without isolator, Dark beige Wemid
Note	

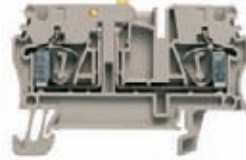
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Test adapter	
	Standard
	With assembly peg
Disconnect plug	
	yellow Wemid
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### 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

IEC	UL	CSA
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 mm

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

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
		Width	
ZAP/TW 1	2 mm	50	1608740000
		Width	
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
TNST		50	1833090000

DEK 5/5 / WS 10/5

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

### ZTR 2.5/3AN

2.5 mm<sup>2</sup>

#### Three connections



5.1 x 79.5 x 41.5

20 / 4

0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	600	600
20	20	20
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A3 / V-0	

UL

#### Rated connection

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

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 2.5/3AN	100	8731720000
ZTR 2.5/3AN BL	100	8731730000
ZTR 2.5/3AN/O.TNHE	100	8728450000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
		Width	
ZAP/TW 3	2 mm	50	1608800000
		Width	
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
TNST		50	1833090000

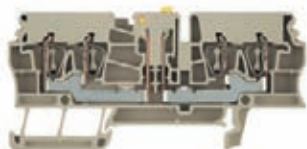
DEK 5/5 / WS 10/5

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

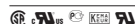


5.1 x 82.5 x 39.1  
**16 / 2.5**  
**0.05...2.5**



IEC 60947-7-1

IEC	UL	CSA
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 mm

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	<b>7920900000</b>
ZTR 2.5/4AN BL	100	<b>7920930000</b>
ZTR 2.5/4AN/O.TNHE	100	<b>7920950000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
<b>Width</b>			
ZAP/TW 3	2 mm	50	<b>1608800000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
TNST		50	<b>1833090000</b>

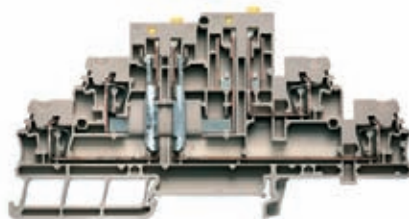
DEK 5/5 / WS 10/5

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

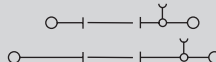
**ZDTR 2.5**

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

Four connections



5.1 x 117 x 63  
**16 / 4**  
**0.13...4**



IEC 60947-7-1

IEC	UL	CSA
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 mm

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	<b>1745400000</b>
ZDTR 2.5 BL	20	<b>1798330000</b>

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	<b>1693800000</b>
ZQV 2.5N/3 GE	24 A	60	<b>1693810000</b>
ZQV 2.5N/4 GE	24 A	60	<b>1693820000</b>
ZQV 2.5N/10 GE	24 A	20	<b>1693880000</b>
<b>Width</b>			
AP ZDTR2.5	1.5 mm	20	<b>1745420000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 2/G20	6 mm	25	<b>9537600000</b>
SIHA 2/G20 10-36V	6 mm	25	<b>9537610000</b>
SIHA 2/G20 140-250V	6 mm	25	<b>9537640000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>

DEK 5/5

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

D

## Test-disconnect terminals

### Standard model and Roof-style

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

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

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

### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

#### Version

Dark beige Wemid
Blue Wemid
Without isolator, Dark beige Wemid

#### Note

### Accessories

#### Pluggable cross-connection



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

#### End plate / partition

Dark beige Wemid

#### End bracket

Dark beige Wemid

#### Screwdriver

Standard

#### Holder for cartridge fuse, 5 x 20mm

400 V AC/DC, without LED
10 - 36 V AC/DC, red LED
140 - 250 V AC/DC, red LED

#### Module connector (max, 250 V)

without fittings
with wire jumper
With 1N4007 diode

#### Disconnect plug

yellow Wemid

#### Marking systems

(see assortment in catalogue 7)

Marking tags

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

### ZTR 2.5-2

2.5 mm<sup>2</sup>

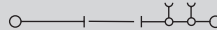
#### Two connections



5.1 x 50.5 x 44

21 / 2.5

0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
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 mm

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	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000

	Width		
ZAP/TW7	2.5 mm	50	1706110000

ZEW 35	6 mm	20	9540000000
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SD 0.6x3.5x100	1	9008330000
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SIHA 3/G20	6 mm	25	7921560000
------------	------	----	------------

SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
----------------------	------	----	------------

SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
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BEST	5.1 mm	50	1833100000
------	--------	----	------------

BEST/DRBR	5.1 mm	50	1878570000
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BEST/D	5.1 mm	50	1878560000
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TNST	50	1833090000
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DEK 5/5 / WS 14/5

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

### ZTR 6-2

6 mm<sup>2</sup>

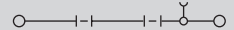
#### 2 connections



8.1 x 70 x 50.5

30 / 10

0.05...10



IEC	UL	CSA
800		
30		
6		
	8 / 3	
	A5 / V-0	

#### Rated connection

0.5...10 / 0.5...6
0.5...6 / 0.5...6
12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZTR 6-2	50	1023830000

End plate (Article: 1771440000 ZAP ZDU6-2) included in scope of delivery.

Type	current	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

ZQV 6/24 GE	41 A	10	1908990000
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	Width		
ZAP ZDU6-2	2.5 mm	50	1771440000

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

SDI 0,6x3,5x100	1	9008390000
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Roof-style

ZTR 6-2 E

6 mm<sup>2</sup>

Operation mode



16.2 x 70 x 50.5  
**20 / 10**  
**0.05...10**

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

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

Technical data

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

Note

Ordering data

Version	
	Dark beige Wemid, 230 V UC
	Dark beige Wemid, 24 V DC
Note	

Accessories

End plate / partition	Dark beige Wemid
End bracket	Dark beige Wemid
Test adapter	With assembly peg
Screwdriver	Standard

IEC	UL	CSA
20	20	20
6		
	8 / 3	
	A5 / V-0	

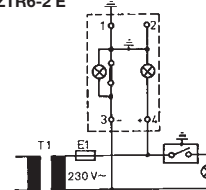
Rated connection	
0.5...10 / 0.5...6	
0.5...6 / 0.5...6	
12 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZTR 6-2 E / 230V UC	10	8817930000
ZTR 6-2 E / 24V DC	10	8817920000
End plate (Article: 1771440000 ZAP ZDU6-2) included in scope of delivery.		

Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SDI 0,6x3,5x100		1	9008390000

Operating mode

ZTR6-2 E

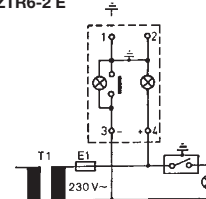


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.

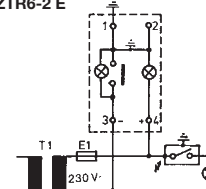
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

Operational malfunction

ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

(see assortment in catalogue 7)

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

## Fuse terminals

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

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

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




### Technical data

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

### Ordering data

Version	
	400 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / partition	
	Dark beige Wemid
	Dark beige Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0,25 A fast
	0,50 A fast
	1,00 A fast
	2,00 A fast
G25 with indicator / imperial (inch) fuse	
	0,50 A medium slow / 2 A
	1,00 A medium slow / 3 A
	2,00 A fast / 5 A
	4,00 A fast / 10 A
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## ZSI 2.5

2.5 mm<sup>2</sup>

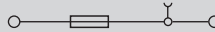
For metric fuses 5 x 20



7.9 x 79.5 x 74

6.3 / 4

0.13...4



IEC 60947-7-3

IEC	UL	CSA
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 mm

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

Type	Qty	Order No.
ZSI 2.5	50	1616400000
ZSI 2.5/LD 28AC	50	1616440000
ZSI 2.5/LD 60AC	50	1616430000
ZSI 2.5/LD 120AC	50	1616420000
ZSI 2.5/LD 250AC	50	1616410000

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

## ZSI 2.5/5x25

2.5 mm<sup>2</sup>

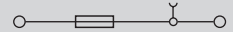
For metric fuses 5 x 25



7.9 x 79.5 x 74

6.3 / 4

0.13...4



IEC 60947-7-3

IEC	UL	CSA
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 mm

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

Type	Qty	Order No.
ZSI 2.5/5X25	50	1730900000

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

Type	current	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			
ZAP/TW 3	2 mm	50	1608800000
ZAP TNHE/ZSI2.5		25	1610840000
Width			
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000
G 25/0.50A/M WS		10	0510300000
G 25/1.00A/M RT		10	0265800000
G 25/2.00A/F BL		10	0192700000
G 25/4.00A/F BR		10	0192800000

ZSI 2.5/2

2.5 mm<sup>2</sup>

For imperial fuses



12.2 x 79.5 x 74

12 / 4

0.13...4



IEC 60947-7-3

IEC	UL	CSA
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 mm

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

Type	Qty	Order No.
ZSI 2.5/2 500AC	10	1616460000
ZSI 2.5/2/LD 28AC	10	1616470000
ZSI 2.5/2/LD 60AC	10	1616480000
ZSI 2.5/2/LD 120AC	10	1616490000
ZSI 2.5/2/LD 250AC	10	1616500000

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

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

Width

ZAP TNHE/ZSI2.5 25 1610840000

SD 0.6x3.5x100 1 9008330000

GZ 10.0A 10 0293900000

DEK 5/5 / WS 10/5

Status display using a bi-directional LED. With use of inch fuse cartridges

## Fuse terminals

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

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

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


### Technical data

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

### Ordering data

Version	
	400 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / partition	
	End plate, Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0,25 A fast
	0,50 A fast
	1,00 A fast
	2,00 A fast
G25 with indicator / imperial (inch) fuse	
	0,50 A medium slow / 2 A
	1,00 A medium slow / 3 A
	2,00 A fast / 5 A
	4,00 A fast / 10 A

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


## ZSI 2.5 2x2 AN

2.5 mm<sup>2</sup>

For metric fuses 5 x 20 / 5 x 25



12.2 x 68 x 55	
<b>10 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-3		
IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 26...12	AWG 26...12
4 / 3		
A3 / V-0		
		
Rated connection	Further connection	
0.5...4	0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm	
The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A		

Type	Qty	Order No.
ZSI 2.5-2/2X2AN/G20	20	1826050000
ZSI 2.5-2/2X2AN/G20/LD1	20	1867440000
ZSI 2.5-2/2X2AN/G20/LD2	20	1867430000
ZSI 2.5-2/2X2AN/G20/LD3	20	1867420000
ZSI 2.5-2/2X2AN/G20/LD4	20	1879730000
G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request		

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
Width			
ZAP ZDU6-2 SW	2.5 mm	50	1814710000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F	10	10	0430500000
G 20/0.50A/F	10	10	0430600000
G 20/1.00A/F	10	10	0430700000
G 20/2.00A/F	10	10	0430900000
G 25/0.50A/M WS	10	10	0510300000
G 25/1.00A/M RT	10	10	0265800000
G 25/2.00A/F BL	10	10	0192700000
G 25/4.00A/F BR	10	10	0192800000

DEK 5/5 / WS 10/5	Status indication via neon lamp.
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## ZSI 6-2

6 mm<sup>2</sup>

For metric fuses 5 x 20 / 5 x 25



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

IEC 60947-7-3		
IEC	UL	CSA
500	300	300
10	10	10
6	AWG 26...8	AWG 26...8
4 / 3		
A3 / V-0		
		
Rated connection	Further connection	
0.5...10	0.5...10 / 0.5...6	
0.5...10 / 0.5...6	0.5...10 / 0.5...6	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm	
The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8		

Type	Qty	Order No.
ZSI 6-2 2X2.5/G20	20	1820930000
ZSI 6-2 2X2.5/G20/LD1	20	1867500000
ZSI 6-2 2X2.5/G20/LD2	20	1867490000
ZSI 6-2 2X2.5/G20/LD3	20	1867480000
ZSI 6-2 2X2.5/G20/LD4	20	1879750000
G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
Width			
ZAP ZDU6-2 SW	2.5 mm	50	1814710000
SD 0.8x4.0x100		1	9008340000
G 20/0.25A/F	10	10	0430500000
G 20/0.50A/F	10	10	0430600000
G 20/1.00A/F	10	10	0430700000
G 20/2.00A/F	10	10	0430900000
G 25/0.50A/M WS	10	10	0510300000
G 25/1.00A/M RT	10	10	0265800000
G 25/2.00A/F BL	10	10	0192700000
G 25/4.00A/F BR	10	10	0192800000

DEK 5/5 / WS 10/5	Status indication via neon lamp.
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ZSI 6-2/FC

6 mm<sup>2</sup>

For car fuses



8.1 x 70 x 54.5

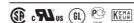
30 / 10

0.33...10



IEC 60947-7-3 / DIN 72581-3

IEC	UL	CSA
250	300	300
30	30	25
6	AWG 22...10	AWG 22...10
	6 / 3	
	A5 / V-0	



Rated connection	Further connection
0.5...10	
0.5...10 / 0.5...6	
10 / 4.0 x 0.8 mm	

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	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
<b>Width</b>			
ZAP ZDU6-2 SW	2.5 mm	50	1814710000
SD 0.8x4.0x100		1	9008340000

DEK 5/6 / WS 12/6

Status display using a bi-directional LED. With use of Pudenz fuses For ordering data on fuse cartridges, refer to page D.141.

## Installation terminals

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

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

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



### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid
	For a vertical installation position
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

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

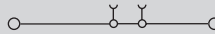
## ZDU 2.5 S

2.5 mm<sup>2</sup>

### Two connections



5.1 x 61 x 44  
**24 / 4**  
**0.5...4**



IEC 60947-7-1

IEC	UL	CSA
400		
24		
2.5		
	6 / 3	
	A2 / V-0	
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

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

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP ZDU 2.5 S	2 mm	20	1808030000
ZAP ZDU 2.5 S BL	2 mm	20	1808040000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
Width			
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/5 / WS 10/5

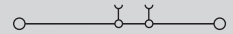
## ZDU 4 S

4 mm<sup>2</sup>

### Two connections



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



IEC 60947-7-1

IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

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

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP ZDU 4 S	2 mm	20	1808380000
ZAP ZDU 4 S BL	2 mm	20	1808390000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/6

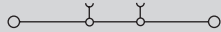
**ZDU 6S**

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

Two connections



8.1 x 64.35 x 49.2  
**41 / 10**  
**0.5...10**



IEC 60947-7-1

IEC	UL	CSA
400		
41		
6		
	6 / 3	
	A5 / V-0	



**Rated connection**

0.5...10  
 0.5...10 / 0.5...6  
 12 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZDU 6 S	100	<b>1808230000</b>
ZDU 6 S BL	100	<b>1808240000</b>

Spacing between mounting plates should be 200mm.

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	<b>1627850000</b>
ZQV 6/3 GE	41 A	60	<b>1627860000</b>
ZQV 6/4 GE	41 A	60	<b>1627870000</b>
ZQV 6/24 GE	41 A	10	<b>1908990000</b>
	<b>Width</b>		
ZAP ZDU 6 S	2 mm	20	<b>1808250000</b>
ZAP ZDU 6 S BL	2 mm	20	<b>1808260000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.8x4.0x100		1	<b>9008340000</b>

DEK 5/8 / WS 10/6

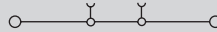
**ZDU 10/S**

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

Two connections



10 x 86.5 x 48.5  
**76 / 16**  
**1.3...16**



IEC 60947-7-1

IEC	UL	CSA
400	300	300
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 mm

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

Type	Qty	Order No.
ZDU 10S	25	<b>1739540000</b>
ZDU 10S BL	25	<b>1739550000</b>

Spacing between mounting plates should be 200mm.

Type	current	Qty	Order No.
ZQV 10/2	17.5 A	25	<b>1739680000</b>
	<b>Width</b>		
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/5

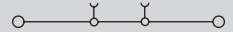
**ZDU 16/S**

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

Two connections



12 x 95 x 48.5  
**76 / 25**  
**1.5...25**



IEC 60947-7-1

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



**Rated connection**

1.5...16 / 16...25  
 1.5...16 / 1.5...16  
 18 / 1.0 x 5.5 mm

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

Type	Qty	Order No.
ZDU 16S	25	<b>1739580000</b>
ZDU 16S BL	25	<b>1739590000</b>

Spacing between mounting plates should be 200mm.

Type	current	Qty	Order No.
ZQV 16/2	76 A	25	<b>1739690000</b>
	<b>Width</b>		
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/5

## Installation terminals

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

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

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




### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

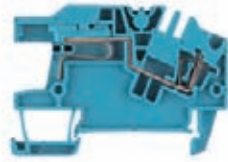
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid
	For a vertical installation position
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>
	rigid / flexible 6 - 16 mm <sup>2</sup>
	Flexible 16 - 35 mm <sup>2</sup>
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## ZNT 2.5 S

2.5 mm<sup>2</sup>

### Two connections



5.1 x 62.5 x 44  
**24 / 4**  
**0.13...4**



IEC 60947-7-1

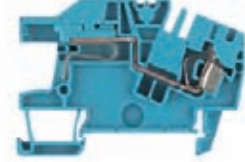
IEC	UL	CSA
250		
24		
2.5		
	4 / 3	
	A2 / V-0	
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

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

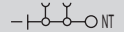
## ZNT 4 S

4 mm<sup>2</sup>

### Two connections



6.1 x 65.5 x 45.2  
**32 / 6**  
**0.5...6**



IEC 60947-7-1

IEC	UL	CSA
250		
32		
4		
	4 / 3	
	A3 / V-0	
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

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

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP ZDU 2.5 S	2 mm	20	1808030000
ZAP ZDU 2.5 S BL	2 mm	20	1808040000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000
Width			
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	

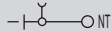
**ZNT 6 S**

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

Two connections



8.1 x 64.35 x 49.2  
**41 / 10**  
**0.5...10**



IEC 60947-7-1

IEC	UL	CSA
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 mm

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

Type	Qty	Order No.
ZNT 6 S	50	<b>1808320000</b>
Spacing between mounting plates should be 200mm.		

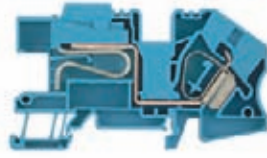
Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	<b>1627850000</b>
ZQV 6/3 GE	41 A	60	<b>1627860000</b>
ZQV 6/4 GE	41 A	60	<b>1627870000</b>
ZQV 6/24 GE	41 A	10	<b>1908990000</b>
<b>Width</b>			
ZAP ZDU 6 S	2 mm	20	<b>1808250000</b>
ZAP ZDU 6 S BL	2 mm	20	<b>1808260000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.8x4.0x100		1	<b>9008340000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>

DEK 5/8 / WS 10/6

**ZNT 10 S**

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

Two connections



10 x 86.5 x 50  
**/ 16**  
**1.3...16**



IEC 60947-7-1

IEC	UL	CSA
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 mm

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	Qty	Order No.
ZQV 16/2	76 A	25	<b>1739690000</b>
<b>Width</b>			
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>

DEK 5/5

## Installation terminals

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

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

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




### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

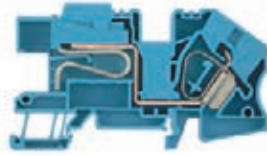
### Accessories

Pluggable cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / partition	
	Dark beige Wemid Blue Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid For a vertical installation position
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup> rigid / flexible 6 - 16 mm <sup>2</sup> Flexible 16 - 35 mm <sup>2</sup>
Marking systems	
	(see assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

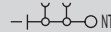
## ZNT 16/S

16 mm<sup>2</sup>

### Two connections



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



IEC 60947-7-1

IEC	UL	CSA
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 mm

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

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

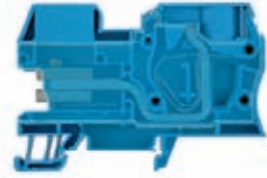
Type	current	Qty	Order No.
ZQV 16/2	76 A	25	1739690000
Width			
ZAP ZDU10/16S	2 mm	20	1739660000
Width			
ZHP Z/W BL	3 mm	20	1745180000
ZHP Z/W SO	5 mm	20	1781070000
Width			
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5

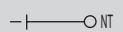
## ZNT 35

35 mm<sup>2</sup>

### Two connections



16 x 88.5 x 59  
**125 / 35**  
**2.5...35**



IEC 60947-7-1

IEC	UL	CSA
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 mm

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

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

Type	Qty	Order No.
Width		
ZHP Z/W BL	3 mm	20
ZHP Z/W SO	5 mm	20
Width		
ZEW 35	6 mm	20
SD 1.0x5.5x150		1
SSCH 10X3X1000 CU/SN	10 mm	1
ZB 4K BL	6 mm	50
ZB 16K BL	10 mm	50
ZB 35K BL M6X16	14 mm	20

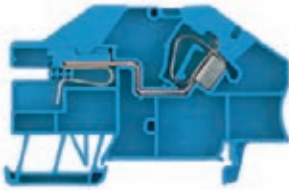
DEK 5/5

End plate is integrated.

**ZDU 4 NT**

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

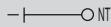
**Modified busbar position**



6.1 x 78.5 x 49.5

**32 / 6**

**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
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 mm

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	Qty	Order No.
<b>Width</b>		
ZAP ZDU4/NT	1.5 mm 20	<b>1757970000</b>
ZHP ZDU4/NT SO	5 mm 20	<b>1803890000</b>
ZEW 35	6 mm 20	<b>9540000000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm 1	<b>0348900000</b>
ZB 4K BL	6 mm 50	<b>0475380000</b>
ZB 16K BL	10 mm 50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm 20	<b>0502680000</b>

DEK 5/5 / WS 15/5

**ZDU 10 NT**

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

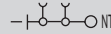
**Modified busbar position**



10 x 86.5 x 50

**57 / 16**

**1.3...16**



IEC 60947-7-1

IEC	UL	CSA
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 mm

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	Qty	Order No.
ZQV 10/2	17.5 A	25	<b>1739680000</b>
<b>Width</b>			
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP ZDU4/NT SO	5 mm	20	<b>1803890000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>

DEK 5/6 / WS 12/5

## Installation terminals

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

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

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

### Technical data

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

### Ordering data

Version
green/yellow Wemid
Note

### Accessories

<b>End plate / partition</b>	Dark beige Wemid
<b>Mounting plate for 10 x 3 (required every 20 cm)</b>	Blue Wemid For a vertical installation position
<b>End bracket</b>	Dark beige Wemid
<b>Screwdriver</b>	Standard

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

## ZPE 2.5 S

2.5 mm<sup>2</sup>

### Two connections



5.1 x 62.5 x 44
/ 4
<b>0.5...4</b>

IEC 60947-7-2

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

Type	Qty	Order No.
ZPE 2.5 S	100	1808330000
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU 2.5 S	2 mm	20	1808030000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5

## ZPE 4 S

4 mm<sup>2</sup>

### Two connections



6.1 x 65.5 x 45.2
/ 6
<b>0.5...6</b>

IEC 60947-7-2

IEC	UL	CSA
400		
4		
	6 / 3	
	A3 / V-0	
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

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

Type	Width	Qty	Order No.
ZAP ZDU 4 S	2 mm	20	1808380000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 10/6

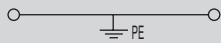
**ZPE 6 S**

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

Two connections



8.1 x 65.5 x 49.2  
/ 10  
**0.5...10**



IEC 60947-7-2

IEC	UL	CSA
400		
6		
	6 / 3	
	A5 / V-0	



**Rated connection**

0.5...10  
0.5...10 / 0.5...6  
12 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZPE 6 S	100	<b>1808350000</b>
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU 6 S	2 mm	20	<b>1808250000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/8 / WS 10/6

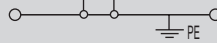
**ZPE 10/S**

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

Two connections



10 x 86.5 x 48.5  
/ 16  
**1.3...16**



IEC 60947-7-2

IEC	UL	CSA
400		
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 mm

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

Type	Qty	Order No.
ZPE 10S	25	<b>1739570000</b>
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/5 / WS 10/5

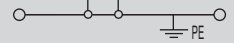
**ZPE 16/S**

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

Two connections



12 x 95 x 48  
/ 25  
**1.5...25**



IEC 60947-7-2

IEC	UL	CSA
400		
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 mm

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

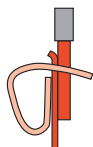
Type	Qty	Order No.
ZPE 16S	25	<b>1739610000</b>
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/5

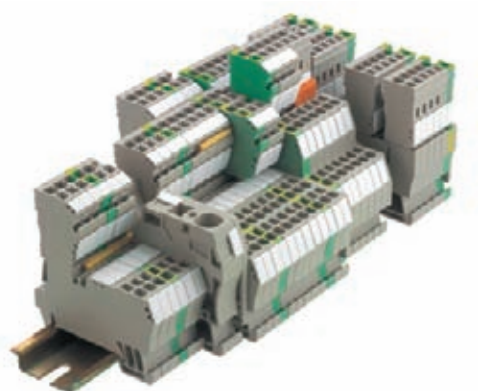
## Overview WeiCoS

# 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>Test-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**

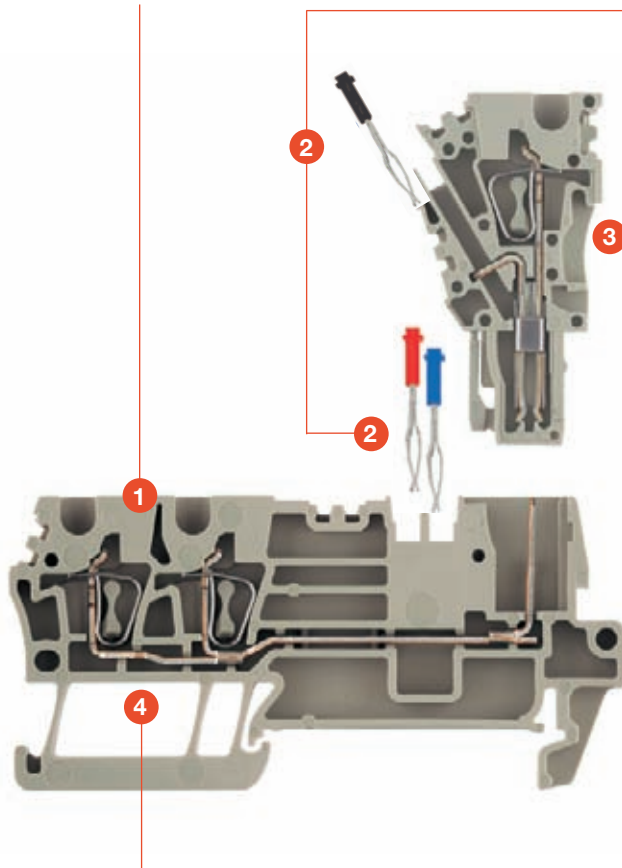
- 2- to 10-pole or “continuous” for individual assembly
- Full rated current
- Breakout poles for alternate terminals
- Up to three potentials possible



**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**

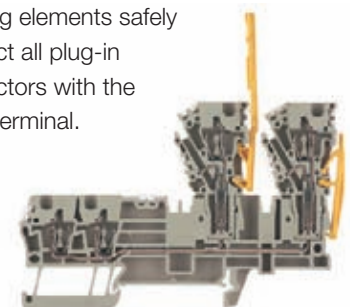
- Resistant to creepage CTI 600
- Temperature resistant up to 120 °C
- Flammability class V0 to UL94
- Halogen and phosphorous free

**Safe contacts**

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

**Safe locking**

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



**4 Easy to use**

Practical connection with parallel conductor inset and screwdriver actuation:

- No special tools needed
- Integral test point
- Generous clamping range to IEC 601984



**Supply**

Supply comes from standard Z-Series terminals or a supply terminal e.g. ZEI 16.



## Pluggable standard terminals WeiCoS

### Feed-through terminals

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

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

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

### Technical data

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

#### Note

### Ordering data

Base terminal	
	Dark beige Wemid
Plug-in connector	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
Note	

### Accessories

Pluggable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End plate / partition	
	Dark beige Wemid
	Orange Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### 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	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		

Rated connection		Plug-in 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 mm		10 / 0.6 x 3.5 mm	

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 = 600V / 5A

Type	Qty	Order No.
ZT 2.5/2AN/1	50	1815070000
Type		
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000

ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SD 0.6x3.5x100	1	9008330000

DEK 5/6 / WS 10/5

### ZT 2.5/3AN/1

2.5 mm<sup>2</sup>

2 tension clamp connections / 1 push-on connection



5.1 x 71.5 x 35	
24 / 4	
0.13...4	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		

Rated connection		Plug-in 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 mm		10 / 0.6 x 3.5 mm	

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 = 600V / 5A

Type	Qty	Order No.
ZT 2.5/3AN/1	50	1815090000
Type		
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/3AN	2.5 mm	50	1816050000
ZAP/TW ZT2.5/3AN OR	2.5 mm	50	1816060000
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000

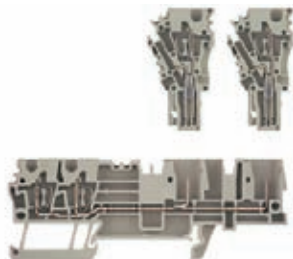
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SD 0.6x3.5x100	1	9008330000

DEK 5/5 / WS 10/5

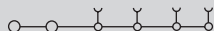
ZT 2.5/4AN/2

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
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



Rated connection	Plug-in 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 mm	10 / 0.6 x 3.5 mm

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 = 600V / 5A

Type	Qty	Order No.
ZT 2.5/4AN/2	50	1815110000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/4AN/2	2.5 mm	50	1816070000
ZAP/TW ZT2.5/4AN/2 OR	2.5 mm	50	1816080000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SD 0.6x3.5x100	1	9008330000	
DEK 5/5 / WS 10/5			

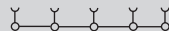
ZT 2.5/4AN/4

2.5 mm<sup>2</sup>

4 push-on connections

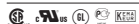


5.1 x 85.5 x 35  
24 /  
...



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
/ V-0		



Rated connection	Plug-in 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 mm	10 / 0.6 x 3.5 mm

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 = 600V / 5A

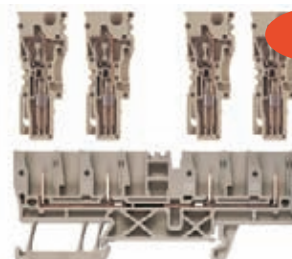
Type	Qty	Order No.
ZT 2.5/4AN/4	50	1815130000
Type	Qty	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	1816090000
ZAP/TW ZT2.5/4AN/4 OR	2.5 mm	50	1816100000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SD 0.6x3.5x100	1	9008330000	
DEK 5/5 / WS 10/5			

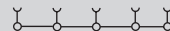
ZT 2.5/2x2AN

2.5 mm<sup>2</sup>

2 x 2 connections



5.1 x x 35  
24 /  
...



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
/ V-0		



Rated connection	Plug-in 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 mm	10 / 0.6 x 3.5 mm

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 = 600V / 5A

Type	Qty	Order No.
ZT 2.5/2x2AN	50	1967200000
Type	Qty	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	1816090000
ZAP/TW ZT2.5/4AN/4 OR	2.5 mm	50	1816100000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SD 0.6x3.5x100	1	9008330000	
DEK 5/5 / WS 10/5			

## Pluggable standard terminals WeiCoS

## Feed-through terminals

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

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

## Technical data

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

## Note

## Ordering data

Base terminal	
	Dark beige Wemid
Plug-in connector	
	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	7-pole
	8-pole
	9-pole
	10-pole

## Note

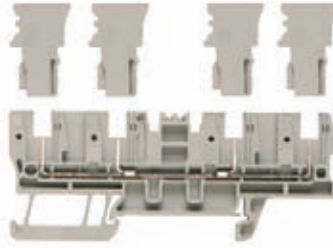
## Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Orange Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## 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

0.5...2.5



IEC	UL	CSA
250		
24		
2.5		
	4 / 2	
	/ V-0	
Rated connection		Plug-in connection
0.5...2.5		

Type	Qty	Order No.
ZTC 2.5/4AN/4	50	1898450000
Type	Qty	Order No.
STGH ZPC2.5 DB	50	2321640000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	1816090000
ZAP/TW ZT2.5/4AN/4 OR	2.5 mm	50	1816100000
Marking systems			
			DEK 5/5 / WS 10/5

Feed-through terminals

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

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

Technical data

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

Note

Ordering data

Base terminal	
	Dark beige Wemid
Plug-in connector	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	

Note

Accessories

Pluggable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End plate / partition	
Dark beige Wemid	
Orange Wemid	
Test adapter	
Standard	
With assembly peg	
Miscellaneous accessories, WeiCoS	
Locking element	
Coding element	
Strain relief	
Screwdriver	
Standard	
Marking systems (see assortment in catalogue 7)	
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZT 4/2AN/1

4 mm<sup>2</sup>

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



6.5 x 58 x 48.5	
<b>32 / 6</b>	
<b>0.13...6</b>	

IEC 60947-7-1 / IEC 61984		
IEC	UL	CSA
800	600	600
800		
32	28	28
4	AWG 26...10	AWG 26...10
8 / 3		
A3 / V-0		
® : RoHS		
Rated connection	Plug-in connection	
0.5...6	0.5...4	
0.5...6 / 0.5...4	0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm	

CSA current and voltage according to Gr. C

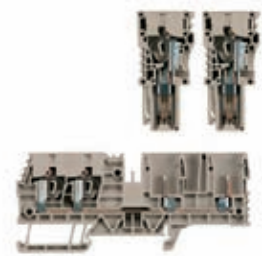
Type	Qty	Order No.
ZT 4/2AN/1	50	1854960000
Type	Qty	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
Width			
ZAP/TW ZT4/2AN		50	1855220000
ZAP/TW ZT4/2AN OR		50	1855230000
Width			
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
SD 0.6x3.5x100		1	9008330000
Width			
DEK 5/6 / WS 10/6			

ZT 4/4AN/2

4 mm<sup>2</sup>

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



6.5 x 100.5 x 48.5	
<b>32 / 6</b>	
<b>0.13...6</b>	

IEC 60947-7-1 / IEC 61984		
IEC	UL	CSA
800	600	600
800		
32	28	28
4	AWG 26...10	AWG 26...10
8 / 3		
A3 / V-0		
® : RoHS		
Rated connection	Plug-in connection	
0.5...6	0.5...4	
0.5...6 / 0.5...4	0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm	

CSA current and voltage according to Gr. C

Type	Qty	Order No.
ZT 4/4AN/2	50	1848350000
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/9	10	1855060000
ZP 4/1AN/10	10	1855070000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
Width			
ZAP/TW ZT4/4AN/2		50	1848360000
ZAP/TW ZT4/4AN/2 OR		50	1855240000
Width			
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
SD 0.6x3.5x100		1	9008330000
Width			
DEK 5/6 / WS 10/6			

## Pluggable standard terminals WeiCoS

### Modular PE terminals

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

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

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

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
max. voltage of pluggable system	V
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

<b>Base terminal</b>	green/yellow Wemid
<b>Plug-in connector</b>	1-pole
Note	

### Accessories

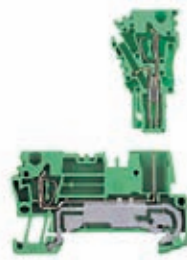
<b>End plate / partition</b>	Dark beige Wemid Orange Wemid
<b>Test adapter</b>	Standard With assembly peg
<b>Miscellaneous accessories, WeiCoS</b>	Locking element Coding element Strain relief
<b>Screwdriver</b>	Standard

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

### 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	

IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	
Rated connection		Plug-in 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 mm		10 / 0.6 x 3.5 mm
Note		
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 = 600V / 5A		

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

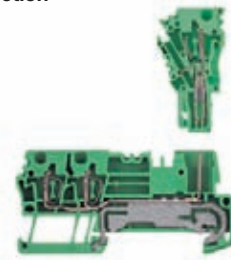
Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5
-------------------

### ZTPE 2.5/3AN/1

2.5 mm<sup>2</sup>

2 tension clamp connections / 1 push-on connection



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

IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	
Rated connection		Plug-in 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 mm		10 / 0.6 x 3.5 mm
Note		
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 = 600V / 5A		

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

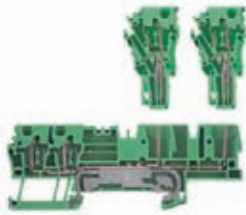
Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5
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**ZTPE 2.5/4AN/2**

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

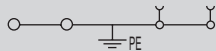
2 tension clamp conn. / 2 push-on conn.



5.1 x 93 x 35

/ 4

**0.13...4**



IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	



Rated connection	Plug-in 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 mm	10 / 0.6 x 3.5 mm

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 = 600V / 5A

Type	Qty	Order No.
ZTPE 2.5/4AN/2	50	<b>1815120000</b>
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	<b>1820570000</b>

Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	<b>1816030000</b>
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	<b>1816040000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
ZVR ZP2.5		25	<b>1816130000</b>
KOSF ZT2.5		50	<b>1816150000</b>
ZZE ZP2.5		25	<b>1816140000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/5 / WS 10/5

**ZTPE 2.5/4AN/4**

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

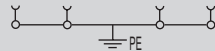
4 push-on connections



5.1 x 85.5 x 35

/ 4

**0.13...4**



IEC 60947-7-2

IEC	UL	CSA
2.5		
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	



Rated connection	Plug-in 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 mm	10 / 0.6 x 3.5 mm

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 = 600V / 5A

Type	Qty	Order No.
ZTPE 2.5/4AN/4	50	<b>1815140000</b>
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	<b>1820570000</b>

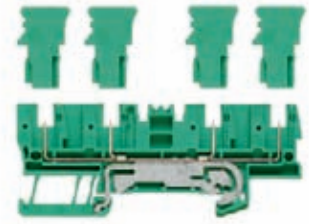
Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	<b>1816030000</b>
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	<b>1816040000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
ZVR ZP2.5		25	<b>1816130000</b>
KOSF ZT2.5		50	<b>1816150000</b>
ZZE ZP2.5		25	<b>1816140000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/5 / WS 10/5

**ZTCPE 2.5/4AN/4**

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

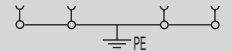
4 push-on connections



5.1 x 85.5 x 45.4

/ 2.5

**0.5...2.5**



IEC	UL	CSA
2.5		
250		
	4	
	300 A (2.5 mm <sup>2</sup> )	
	2	

Rated connection	Plug-in connection
0.5...2.5	0.5...2.5

Type	Qty	Order No.
ZTCPE 2.5/4AN/4	50	<b>1898480000</b>
Type	Qty	Order No.
STGH ZPC2.5 DB	50	<b>2321640000</b>

Type	Width	Qty	Order No.
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	<b>1816090000</b>
ZAP/TW ZT2.5/4AN/4 OR	2.5 mm	50	<b>1816100000</b>

DEK 5/5 / WS 10/5

## Pluggable standard terminals WeiCoS

### Modular PE terminals

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

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

### Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

<b>Note</b>
-------------

### Ordering data

Base terminal	
	green/yellow Wemid
Plug-in connector	
	1-pole
<b>Note</b>	

### Accessories

End plate / partition	
	Dark beige Wemid
	Orange Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard

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

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

### ZTPE 4/2AN/1

4 mm<sup>2</sup>

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



6.5 x 58 x 48.5
/ 6
0.13...6

IEC	UL	CSA
4	AWG 26...10	
800		
800		
	8	
	480 A (4 mm <sup>2</sup> )	
	3	
	A3 / V-0	
Rated connection		Plug-in connection
0.5...6		0.5...4
0.5...6 / 0.5...4		0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZTPE 4/2AN/1	50	1854970000
Type	Qty	Order No.
ZP 4/1AN/1 GN	50	1854980000

Type	Width	Qty	Order No.
ZAP/TW ZT4/2AN		50	1855220000
ZAP/TW ZT4/2AN OR		50	1855230000
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 10/6
-------------------

### ZTPE 4/4AN/2

4 mm<sup>2</sup>

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



6.5 x 100.5 x 48.5
/ 6
0.13...6

IEC	UL	CSA
4	AWG 26...10	
800		
800		
	8	
	480 A (4 mm <sup>2</sup> )	
	3	
	A3 / V-0	
Rated connection		Plug-in connection
0.5...6		0.5...4
0.5...6 / 0.5...4		0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZTPE 4/4AN/2	50	1848330000
Type	Qty	Order No.
ZP 4/1AN/1 GN	50	1854980000

Type	Width	Qty	Order No.
ZAP/TW ZT4/4AN/2		50	1848360000
ZAP/TW ZT4/4AN/2 OR		50	1855240000
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 10/6
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## Pluggable standard terminals WeiCoS

### Two-tier modular terminals

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

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

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

### Technical data

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

#### Note

### Ordering data

Base terminal	
	Dark beige Wemid
Plug-in connector	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
8-pole	
10-pole	

#### Note

### Accessories

Pluggable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End plate / partition	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard

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

Marking tags

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

### ZDT 2.5/2

2.5 mm<sup>2</sup>

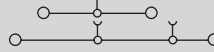
#### Two potentials feasible



5.1 x 80.5 x 52.5

24 / 4

0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



Rated connection	Plug-in 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 mm	10 / 0.6 x 3.5 mm

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.
ZDT 2.5/2	50	1815150000
Type		
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/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000

Width			
ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000

Type	current	Qty	Order No.
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	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 5/5

### 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



IEC 60947-7-1 (-7-2) / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



Rated connection	Plug-in 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 mm	10 / 0.6 x 3.5 mm

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.
ZDT 2.5/2 DU-PE	50	1815160000
Type		
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/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000

Width			
ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000

Type	current	Qty	Order No.
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	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 5/5

### Two-tier modular terminals

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

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

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

### Technical data

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

Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

**Note**

### Ordering data

Version	
	green/yellow Wemid
Plug-in connector	
	1-pole
Note	

### Accessories

End plate / partition	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard

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

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

### ZDT 2.5/2 PE

2.5 mm<sup>2</sup>

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



5.1 x 80.5 x 52.5	
/ 4	
0.13...4	

IEC 60947-7-2		
IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	
Rated connection		Plug-in 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 mm		10 / 0.6 x 3.5 mm
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.
ZDT 2.5/2 PE	50	1815170000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	Width	Qty	Order No.
ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5

## Pluggable standard terminals WeiCoS

## Test-disconnect terminals

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

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


## Technical data

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

## Ordering data

<b>Version</b>	
	Dark beige Wemid
	Without isolator, Dark beige Wemid
<b>Note</b>	

## Accessories

<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
<b>End plate / partition</b>	
	Dark beige Wemid
<b>End bracket</b>	
	Dark beige Wemid
<b>Screwdriver</b>	
	Standard
<b>Testing / Checking</b>	
	Test plug
<b>Holder for cartridge fuse, 5 x 20mm</b>	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
<b>Module connector (max, 250 V)</b>	
	without fittings
	with wire jumper
	With 1N4007 diode
<b>Disconnect plug</b>	
	yellow Wemid

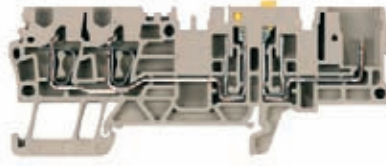
<b>Marking systems</b>	(see assortment in catalogue 7)
	Marking tags

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

## ZTTR 2.5

2.5 mm<sup>2</sup>

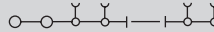
2 tension clamp connections / 1 push-on connection



5.1 x 87 x 36.5

18 / 4

0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
400	600	600
16	16	16
2.5	AWG 26...12	AWG 26...12
	6 / 3	
	A2 / V-0	



## Rated connection

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

CSA current and voltage according to Gr. B

Type	Qty	Order No.
ZTTR 2.5	50	1865510000
ZTTR 2.5/O. TNHE	50	1905470000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
<b>Width</b>			
ZAP/TW ZTTR2.5		50	1865520000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA a3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

DEK 5/5

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



## Pluggable standard terminals WeiCoS

### Feed-through modular terminals

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

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

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

### Technical data

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

### Ordering data

Version	
	Base terminal
Note	

### Accessories

STGH plug housing	
	With assembly peg
	Without peg
Crimp contacts	
	Reel packaged
	Reel packaged
	Reel packaged
	Single contacts
	Single contacts
	Single contacts
Test adapter	
	Enclosure test adapter, 4-way
	Strain relief
	Plug housing, black
	Black plug enclosure
tools	
	Crimping tools
End plate / partition	
	beige Wemid

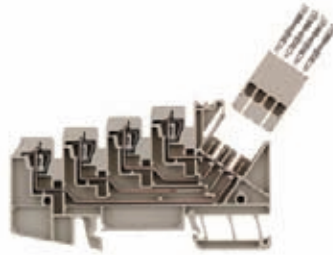
Marking systems	
	(see assortment in catalogue 7)
	Marking tags

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

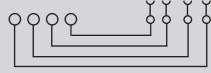
### ZRV 1.5

1.5 mm<sup>2</sup>

#### Base terminal - plug



5.1 x 89.5 x 52	
/ 2.5	
0.13...2.5	



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
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 mm		

Type	Qty	Order No.
ZRV 1.5	50	1698160000

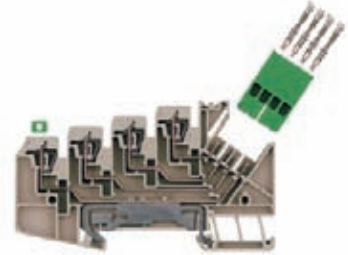
Type	Width	Qty	Order No.
STGH 4 ZRV1.5	5 mm	50	1698190000
DFFC 0.2-0.35 ZRV1.5		500	1705310000
DFFC .5-1.0 ZRV1.5		500	1705320000
HTF ZRV		1	9014840000
AP ZRV1.5 DB	5.1 mm	10	1698180000

DEK 5/5
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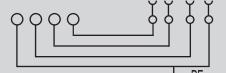
### ZRV 1,5/PE

1.5 mm<sup>2</sup>

#### Base terminal - plug



5.1 x 89.5 x 52	
/ 2.5	
0.13...2.5	



IEC 60947-7-1 (-7-2) / VDE 0627

IEC	UL	CSA
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 mm		

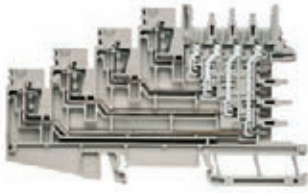
Type	Qty	Order No.
ZRV 1.5/PE	50	1698170000

Type	Width	Qty	Order No.
STGH 4 ZRV1.5/PE GN	5 mm	50	1698200000
DFFC 0.2-0.35 ZRV1.5		500	1705310000
DFFC .5-1.0 ZRV1.5		500	1705320000
HTF ZRV		1	9014840000
AP ZRV1.5 DB	5.1 mm	10	1698180000

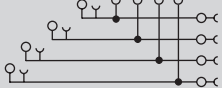
DEK 5/5
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ZRV 2.5/2

2.5 mm<sup>2</sup>



5.2 x 115 x 70  
10 / 4  
0.21...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
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 mm	

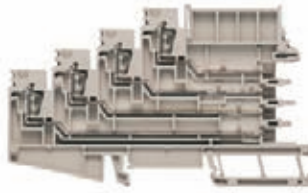
Type	Qty	Order No.
ZRV 2.5/2	50	1906970000

Type	Width	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

DEK 5/5 / WS 12/5

ZRV 2.5/1

2.5 mm<sup>2</sup>



5 x 115 x 69.5  
/ 4  
0.5...4



IEC	UL	CSA
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 mm	

Type	Qty	Order No.
ZRV 2.5/1	50	1906960000

Type	Width	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

DEK 5/5 / WS 12/5

## Pluggable standard terminals WeiCoS

### Plug-in connector

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

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


### Technical data

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

### Ordering data

Version	Type	Qty	Order No.
	1-pole		
	2-pole		
	3-pole		
	4-pole		
	5-pole		
	6-pole		
	7-pole		
	8-pole		
	10-pole		
	11-pole		
	12-pole		
	13-pole		
	14-pole		
	15-pole		
	16-pole		
	17-pole		
	1-pole (green Wemid)		
Note			

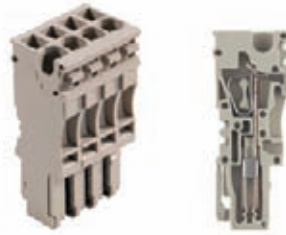
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	10-pole
Test adapter	
	Standard
Screwdriver	
	Standard
Group designation	
	Push-in tag, blank
	Group designation
	Protective strips, transparent
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZP 2.5/1AN

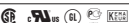
2.5 mm<sup>2</sup>

2...17-pole



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

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	
24	20	
2.5	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 mm		
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/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/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

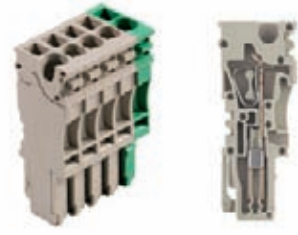
Type	current	Qty	Order No.
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
SD 0.6x3.5x100		1	9008330000
ESO 7 A4-BOGEN WEISS		10	1607720000
ZGB 30		20	1611930000
STR 7 F.SCHT 7		20	0515300000
DEK 5/5 / WS 10/5			

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


2.5 mm<sup>2</sup>

2 to 17-pole

Connectors each with one green pole



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

IEC	UL	CSA
500	300	
24	20	
2.5	AWG 26...12	
6 /		
A2 / V-0		
		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
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/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	20	1867150000
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.

Type	current	Qty	Order No.
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
SD 0.6x3.5x100		1	9008330000
ESO 7 A4-BOGEN WEISS		10	1607720000
ZGB 30		20	1611930000
STR 7 F.SCHT 7		20	0515300000
DEK 5/5 / WS 10/5			



## Pluggable standard terminals WeiCoS

## Coupling

## ZPS 2.5/1AN/QV

2.5 mm<sup>2</sup>

## 1...16-pole



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

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

x 41 x 37

24 / 4

0.13...4

## Technical data

## Rated data

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

## Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

## Note

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300, 600
24	20	20
2.5	AWG 26...12	AWG 26...12
	6 / 3	
	A2 /	



## Rated connection

0.13...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

CSA voltage / Current Gr.C 300V / 20A Gr.D 600V / 5 A

## Ordering data

Version	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
10-pole	
11-pole	
12-pole	
13-pole	
14-pole	
15-pole	
16-pole	
1-pole (green Wemid)	

## Note

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/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

## Pluggable cross-connection

	2-pole
	3-pole
	10-pole

## Test adapter

Standard

## Screwdriver

Standard

## Group designation

Push-in tag, blank
Group designation
Protective strips, transparent

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/10 GE	24 A	20	1693880000
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
SD 0.6x3.5x100			
		1	9008330000
ESO 7 A4-BOGEN WEISS			
		10	1607720000
ZGB 30			
		20	1611930000
STR 7 F.SCHT 7			
		20	0515300000

## Marking systems (see assortment in catalogue 7)

Marking tags

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

DEK 5/5 / WS 10/5

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



## Pluggable standard terminals WeiCos

### WeiCoS – single slice elements

#### Single slice elements for self-assembly

The WeiCoS single slice elements from Weidmüller enhance flexibility by providing a solution for almost every application. The plug-in connectors are piped together to offer a compact modular solution directly in situ to suit the particular application. These single slices are available in green (GN) and beige (BE).

#### Single slice element ZP 2.5/1AN plug



#### Ordering data

Type	Qty.	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN BL	50	1009060000
ZP 2.5/1AN GN	50	1875180000
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA O.RA BL	50	1972980000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA BL	50	1009070000
ZP 2.5/1AN ZA GN	50	1875200000

#### Single slice element ZP 2.5/1AN/QV plug



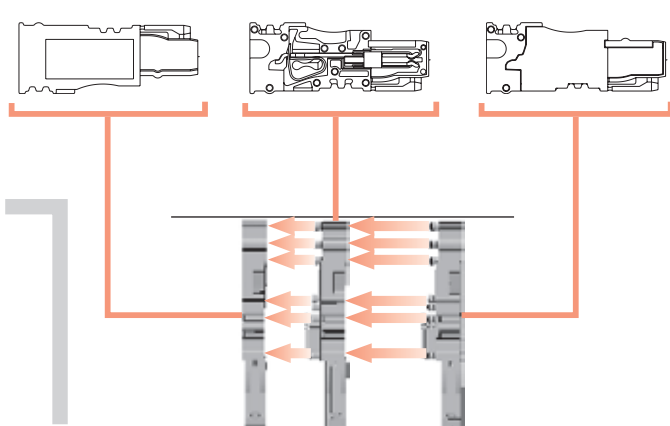
**n**

#### Ordering data

Type	Qty.	Order No.
ZP 2.5/1AN/QV	50	1007900000
ZP 2.5/1AN/QV ZA O.RA	50	1007960000
ZP 2.5/1AN/QV ZA	50	1007930000
ZP 2.5/1AN/QV BL	50	1007910000
ZP 2.5/1AN/QV ZAO.RA BL	50	1007970000
ZP 2.5/1AN/QV ZA BL	50	1007940000
ZP 2.5/1AN/QV GN	50	1007920000
ZP 2.5/1AN/QV ZAO.RA GN	50	1007980000
ZP 2.5/1AN/QV ZA GN	50	1007950000

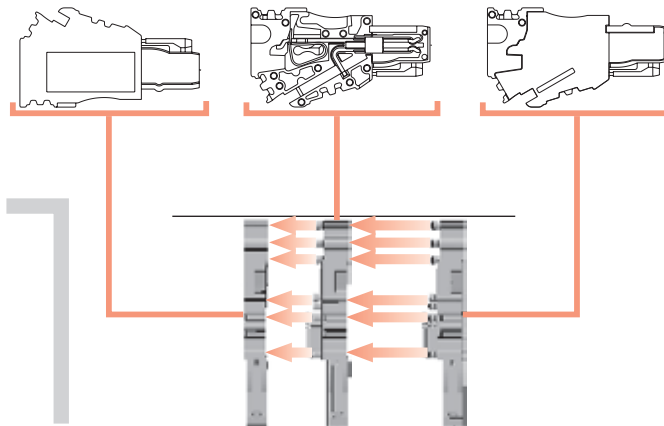
#### Construction of plug:

- |   |  |   |
|---|--|---|
| <b>1 start element</b><br>1875150000 BE<br>1009060000 BL<br>1875180000 GN | <b>n-2 core element</b><br>1875210000 BE<br>1972980000 BL<br>1875220000 GN | <b>1 end element</b><br>1875190000 BE<br>1009070000 BL<br>1875200000 GN |
|---|--|---|

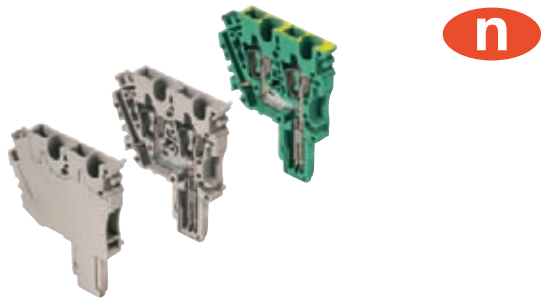


#### Construction of plug:

- |   |  |   |
|---|--|---|
| <b>1 start element</b><br>1007900000 BE<br>1007910000 BL<br>1007920000 GN | <b>n-2 core element</b><br>1007960000 BE<br>1007970000 BL<br>1007980000 GN | <b>1 end element</b><br>1007930000 BE<br>1007940000 BL<br>1007950000 GN |
|---|--|---|



Single slice element ZP 2.5/2AN/QV plug



Ordering data

Type	Qty.	Order No.
ZP 2.5/2AN/QV	50	1007810000
ZP 2.5/2AN/QV ZA O.RA	50	1007870000
ZP 2.5/2AN/QV ZA	50	1007840000
ZP 2.5/2AN/QV BL	50	1007820000
ZP 2.5/2AN/QV ZAO.RA BL	50	1007880000
ZP 2.5/2AN/QV ZA BL	50	1007850000
ZP 2.5/2AN/QV GN	50	1007830000
ZP 2.5/2AN/QV ZAO.RA GN	50	1007890000
ZP 2.5/2AN/QV ZA GN	50	1007860000

Single slice element ZPS coupling

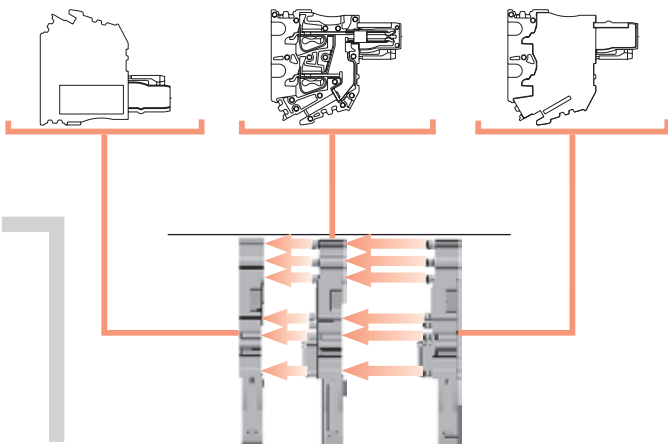


Ordering data

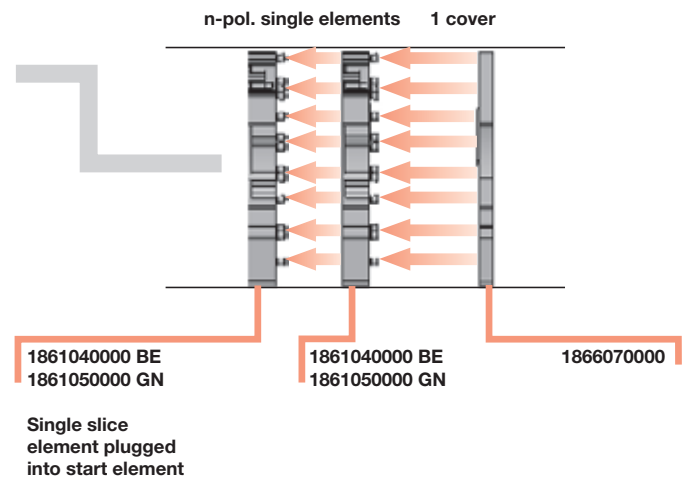
Type	Qty.	Order No.
GHDE ZPS 2.5/1AN	50	1866070000
ZPS 2.5/1AN/QV/1GN	50	1861050000
ZPS 2.5/1AN/QV	50	1861040000

Construction of plug:

- |                        |                         |                      |
|------------------------|-------------------------|----------------------|
| <b>1 start element</b> | <b>n-2 core element</b> | <b>1 end element</b> |
| 1007810000 BE          | 1007870000 BE           | 1007840000 BE        |
| 1007820000 BL          | 1007880000 BL           | 1007850000 BL        |
| 1007830000 GN          | 1007890000 GN           | 1007860000 GN        |



Construction of coupling:



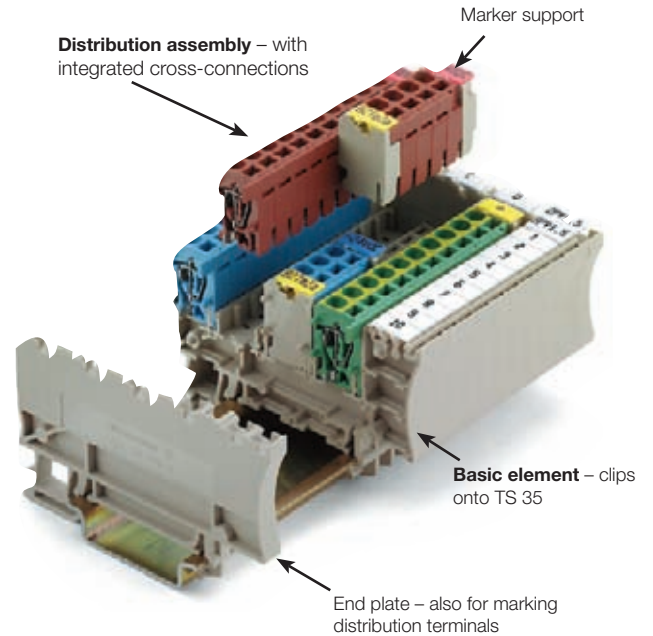
# Distribution System

This modular system is based on the in-row individual modules of the distribution assembly with their integrated cross-connection.

The female contact is on one side, and the male contact on the other. The modular slice structure results in variable distribution assemblies depending on the application.

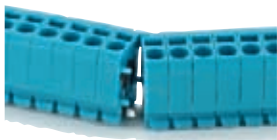
**D** The supports for these module combinations are the basic elements which simply clip onto TS-35 mounting rails. The basic elements are available in different versions:

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



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

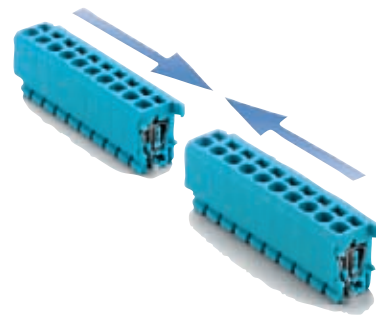
- Easily separated
- Easily plugged into each other



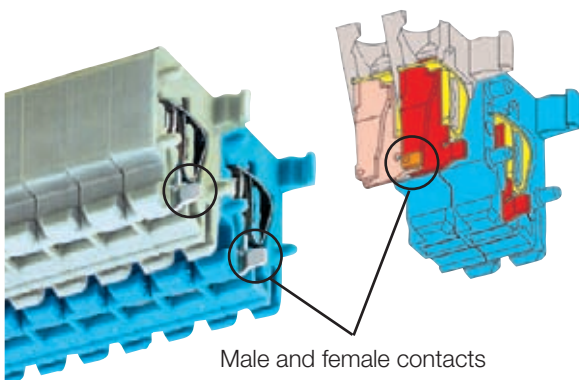
... by hand



... with a screwdriver



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

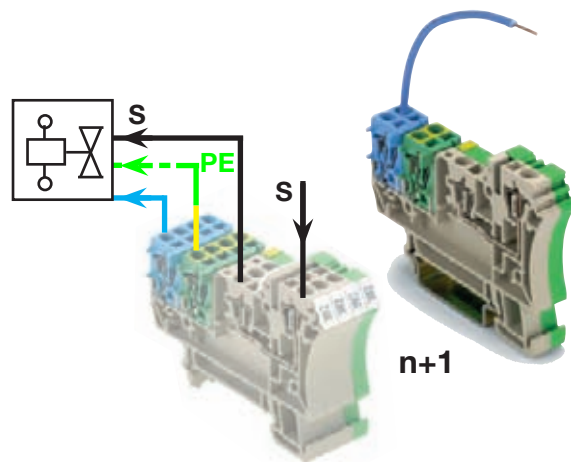
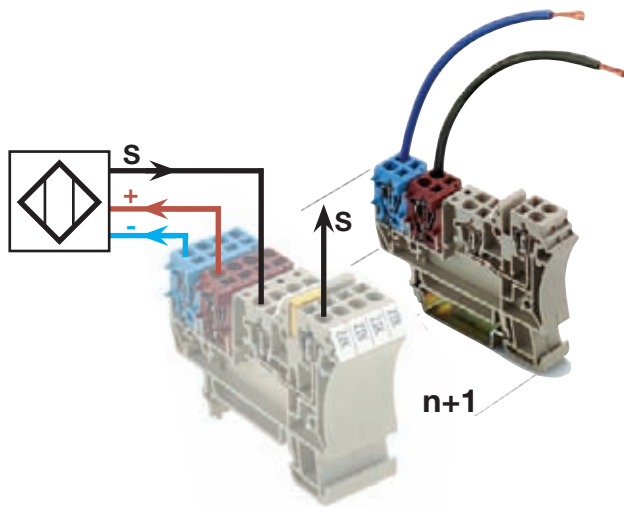


# Supplying initiators and actuators

The modular distribution assembly is a convenient way of supplying power to initiators and actuators.

An additional basic element is used as a supply element which distributes the power to individual consumers across the cross-connected distribution terminals.

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



### Initiator supply

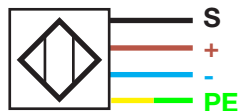
- via 1 additional standard basic element
- => n + 1 basic elements
- => n + 1 distribution assembly element for each circuit path (n = number of initiators)

### 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)

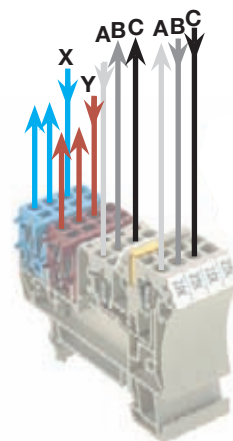
4-core basic elements are used for initiator supply with additional PE connection; these can take 3 distribution terminals.

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.



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.





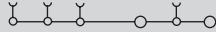
**ZIA 1.5/4 L...**

**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
250	300	300
17.5	10	10
1.5	AWG 26...14	AWG 26...14
4 / 3		
A1 / V-0		

Rated connection	
0.5...2.5	0.5...2.5
0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm

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
ZVL 1.5 O.QV = distribution strip without internal bridge for park position		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/50	24 A	10	1697540000
Width			
ZAP/TWZIA1.5/4L	5.1 mm	50	1649550000
SD 0.6x3.5x100		1	9008330000
Width			
ZRH 1.5N/1		1000	1632140000
ZRH 1.5N/2		1000	1632130000

DEK 5/5

**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
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...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm

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
ZVL 1.5 O.QV = distribution strip without internal bridge for park position		

Type	Qty	Order No.
SD 0.6x3.5x100	1	9008330000
Width		
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000

DEK 5/5

Integral cross-connections.  
Distributor strip for base element ZPV 1.5 order No. 1676630000

## Mini terminals

# Modular design

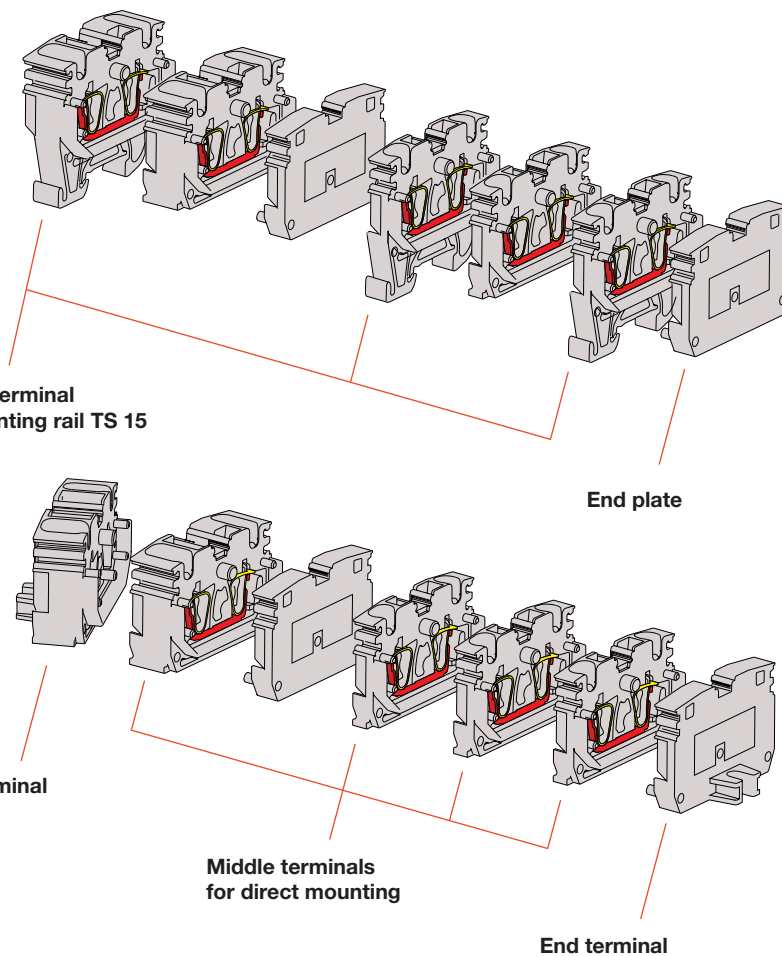
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

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



**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 DM**



**Clip-on fastening on mounting plates**

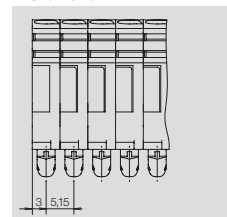
The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes.

The open side of the terminal is closed by an end plate.

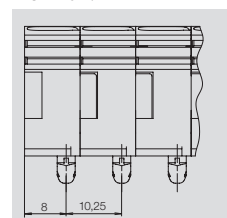
**ZDUB 2.5-2 RC**



**Drilling plan:  
ZDUB/2.5-2/2AN**



**ZDUB 2.5-2/4AN**



**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.

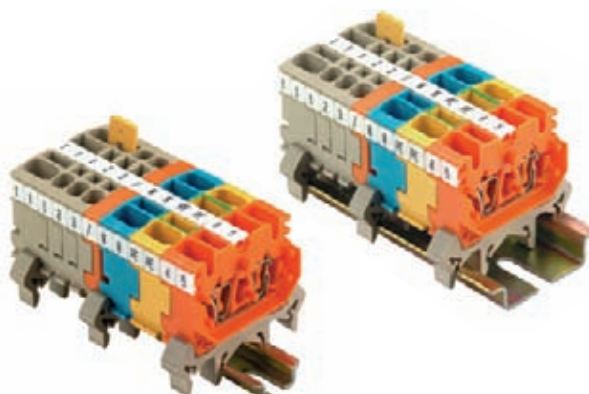
**ZPEB 2.5-2 TS 15**



**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.

**MOFU TS 15/35**



## Mini terminals

Terminal blocks for different fixing systems

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

Width/Length/Height	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

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

### Ordering data

Central terminals	
	Dark beige Wemid
	Blue Wemid
	yellow Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Orange PA
Screwdriver	
	Standard

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

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

## ZDUB 2.5-2/2AN/RC

2.5 mm<sup>2</sup>

Two connections



5.1 x 33.2 x 28.8	
<b>30 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
24	20	25	21				
2.5	AWG 26...12	AWG 26...12	2.5				
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX2755 U			
				0.5...4			
				0.5...2.5 / 0.5...1.5			
				10 / 0.6 x 3.5 mm			
				Snap-on clip			

Type	Qty	Order No.
ZDUB 2.5-2/2AN/RC	100	<b>1712820000</b>
ZDUB 2.5-2/2AN/RC BL	100	<b>1712830000</b>
ZDUB 2.5-2/2AN/RC GE	100	<b>1712850000</b>
Diameter of mounting hole for locating clip is 3.5 mm for sheet thickness 0.6-1.2 mm.		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
Width			
ZAP ZDUB	5 mm	50	<b>1704750000</b>
ZAP ZDUB BL	5 mm	50	<b>1704760000</b>
ZAP ZDUB OR	5 mm	50	<b>1704770000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/5 / WS 10/5  
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

## ZDUB 2.5-2/4AN/RC

2.5 mm<sup>2</sup>

Four connections



10.2 x 33.5 x 29	
<b>30 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
24	20	25	21				
2.5	AWG 26...12	AWG 26...12	2.5				
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX2755 U			
				0.5...4			
				0.5...2.5 / 0.5...1.5			
				10 / 0.6 x 3.5 mm			
				Snap-on clip			

Type	Qty	Order No.
ZDUB 2.5-2/4AN/RC	100	<b>1712970000</b>
ZDUB 2.5-2/4AN/RC BL	100	<b>1712980000</b>
ZDUB 2.5-2/4AN/RC GE	100	<b>1713000000</b>
Diameter of mounting hole for locating clip is 3.5 mm for sheet thickness 0.6-1.2 mm.		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
Width			
ZAP ZDUB	5 mm	50	<b>1704750000</b>
ZAP ZDUB BL	5 mm	50	<b>1704760000</b>
ZAP ZDUB OR	5 mm	50	<b>1704770000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/5 / WS 10/5  
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

Terminal blocks for different fixing systems

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

Width/Length/Height	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

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

### Note

### Ordering data

Central terminals	
Dark beige Wemid	
Blue Wemid	
yellow Wemid	
End terminals	
Dark beige Wemid	
Blue Wemid	
yellow Wemid	

### Note

### Accessories

Pluggable cross-connection	
2-pole	
End plate / partition	
Dark beige Wemid	
Blue Wemid	
Orange PA	
Mounting blocks	
Dark beige Wemid	
Screwdriver	
Standard	
Mounting foot for TS15 & TS35	
Dark beige Wemid	

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

Marking tags

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

## ZDUB 2.5-2/2AN/DM

2.5 mm<sup>2</sup>

### Two connections



5.1 x 33.5 x 24
<b>30 / 4</b>
<b>0.13...4</b>

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

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

CE KEMA 97ATEX2755 U

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Direct mounting

Type	Qty	Order No.
ZDUB 2.5-2/2AN/DM	100	<b>1704350000</b>
ZDUB 2.5-2/2AN/DM BL	100	<b>1704360000</b>
ZDUB 2.5-2/2AN/DM GE	100	<b>1704380000</b>
ZDUB 2.5-2/2AN/DB	100	<b>1704500000</b>
ZDUB 2.5-2/2AN/DB BL	100	<b>1704510000</b>
ZDUB 2.5-2/2AN/DB GE	100	<b>1704530000</b>

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
Width			
ZAP ZDUB	5 mm	50	<b>1704750000</b>
ZAP ZDUB BL	5 mm	50	<b>1704760000</b>
ZAP ZDUB OR	5 mm	50	<b>1704770000</b>
ZBB ZDUB	5.1 mm	50	<b>1704740000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
MOFU 15/35 ZDUB	5 mm	50	<b>1723660000</b>

DEK 5/5 / WS 10/5

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

## ZDUB 2.5-2/4AN/DM

2.5 mm<sup>2</sup>

### Four connections



10.2 x 33.5 x 24
<b>30 / 4</b>
<b>0.13...4</b>

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

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

CE KEMA 97ATEX2755 U

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Direct mounting

Type	Qty	Order No.
ZDUB 2.5-2/4AN/DM	100	<b>1704540000</b>
ZDUB 2.5-2/4AN/DM BL	100	<b>1704550000</b>
ZDUB 2.5-2/4AN/DM GE	100	<b>1704570000</b>
ZDUB 2.5-2/4AN/DB	100	<b>1704690000</b>
ZDUB 2.5-2/4AN/DB BL	100	<b>1704700000</b>
ZDUB 2.5-2/4AN/DB GE	100	<b>1704720000</b>

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
Width			
ZAP ZDUB	5 mm	50	<b>1704750000</b>
ZAP ZDUB BL	5 mm	50	<b>1704760000</b>
ZAP ZDUB OR	5 mm	50	<b>1704770000</b>
ZBB ZDUB	5.1 mm	50	<b>1704740000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
MOFU 15/35 ZDUB	5 mm	50	<b>1723660000</b>

DEK 5/5 / 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

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

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

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

### Ordering data

Central terminals	
	Dark beige Wemid
	Blue Wemid
	green/yellow Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Orange PA
End bracket	
Screwdriver	
	Standard

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

## ZDUB 2.5-2/2AN/TS15

2.5 mm<sup>2</sup>

Two connections



5.1 x 33.5 x 32	
<b>30 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	20	25	21	24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5	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 mm							
Note							
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
Note		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
ZEW 15			
	5 mm	20	7920340000
SD 0.6x3.5x100			
		1	9008330000

Marking systems	
	DEK 5/5 / WS 10/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## ZDUB 2.5-2/4AN/TS15

2.5 mm<sup>2</sup>

Four connections



10.2 x 33.5 x 32	
<b>30 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	20	25	21	24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5	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 mm							
Note							
TS 15 - block design							

Type	Qty	Order No.
ZDUB 2.5-2/4AN/15	100	1712780000
ZDUB 2.5-2/4AN/15 BL	100	1712790000
Note		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
ZEW 15			
	5 mm	20	7920340000
SD 0.6x3.5x100			
		1	9008330000

Marking systems	
	DEK 5/5 / WS 10/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	



## Mini terminals

Terminal blocks for different fixing systems

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

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

#### Rated data

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

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

#### Central terminals

Dark beige Wemid
Blue Wemid
green/yellow Wemid

#### Note

### Accessories

#### Pluggable cross-connection



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

#### End plate / partition

Dark beige Wemid
Blue Wemid
Orange PA

#### End bracket

#### Screwdriver

Standard
----------

#### Marking systems

(see assortment in catalogue 7)

Marking tags

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

## ZDUA 2.5-2N

2.5 mm<sup>2</sup>

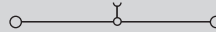
### Two connections



5.1 x 42.5 x 34.7

30 / 4

0.13...4



IEC 60947-7-1

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

UL

#### Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

TS 15 - thin element design

Type	Qty	Order No.
ZDUA 2.5-2N	100	1808200000
ZDUA 2.5-2N BL	100	1808180000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/50 GE	24 A	5	1693890000

	Width			
ZAP/TW ZDUA2.5-2N	2.5 mm	50	1808170000	
ZAP/TW ZDUA2.5-2N BL	2.5 mm	50	1808150000	
ZAP/TW ZDUA2.5-2N OR	2.5 mm	50	1808160000	

ZEW 15	5 mm	20	7920340000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5

## ZPEA 2.5-2N

2.5 mm<sup>2</sup>

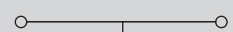
### Two connections



5.1 x 42.5 x 34.7

/ 4

0.13...4



IEC 60947-7-2

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

UL

#### Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

TS 15 - thin element design

Type	Qty	Order No.
ZPEA 2.5-2N	100	1808210000

Type	Qty	Order No.

	Width			
ZAP/TW ZDUA2.5-2N	2.5 mm	50	1808170000	
ZAP/TW ZDUA2.5-2N BL	2.5 mm	50	1808150000	

ZEW 15	5 mm	20	7920340000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / 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>.

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

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

### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Orange
Note	

### Accessories

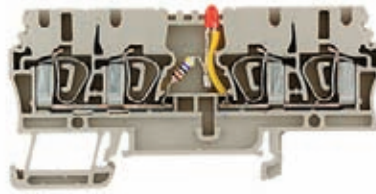
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

### ZDU 2.5/2x2AN/LD+

2.5 mm<sup>2</sup>

#### LED indicator



5.1 x 79.5 x 39.5	
/ 4	
0.5...4	

IEC 60947-7-1

IEC	UL	CSA
24		
0.05		
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A3 / V-0	
24 / 0		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		

### ZDU 2.5/2x2AN/LD-

2.5 mm<sup>2</sup>

#### LED indicator



5.1 x 79.5 x 39.5	
/ 4	
0.5...4	

IEC 60947-7-1

IEC	UL	CSA
24		
0.05		
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A3 / V-0	
24 / 0		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		

Type	Qty	Order No.
ZDU 2.5/2X2AN/LD+	20	1692590000

Type	Qty	Order No.
Width		
ZAP/TW 3	2 mm	50 1608800000
ZEW 35	6 mm	20 9540000000
SD 0.6x3.5x100	1	9008330000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000

Type	Qty	Order No.
ZDU 2.5/2X2AN/LD-	20	1692600000

Type	Qty	Order No.
Width		
ZAP/TW 3	2 mm	50 1608800000
ZEW 35	6 mm	20 9540000000
SD 0.6x3.5x100	1	9008330000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000

Marking systems	
	DEK 5/5 / WS 10/5

Marking systems	
	DEK 5/5 / WS 10/5

**ZDU 2.5/2x2AN/D+**

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

Diode circuit



5.1 x 79.5 x 39.5

/ 4

**0.5...4**



IEC 60947-7-1

IEC	UL	CSA
400		
1		
2.5		
	6 / 3	
	A3 / V-0	
1000 / 1		

**Rated connection**

0.5...4

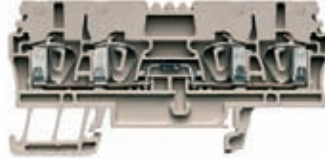
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

**ZDU 2.5/2x2AN/D-**

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

Diode circuit



5.1 x 79.5 x 39.5

/ 4

**0.5...4**



IEC 60947-7-1

IEC	UL	CSA
400		
1		
2.5		
	6 / 3	
	A3 / V-0	
1000 / 1		

**Rated connection**

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDU 2.5/2X2AN/D+	20	<b>1650340000</b>
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

Type	Qty	Order No.
ZDU 2.5/2X2AN/D-	20	<b>1650350000</b>
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

Type	Qty	Order No.
<b>Width</b>		
ZAP/TW 3	2 mm	50 <b>1608800000</b>
ZEW 35	6 mm	20 <b>9540000000</b>
<b>SD 0.6x3.5x100</b>		
SD 0.6x3.5x100	1	<b>9008330000</b>
ZRH 2.5/1 WS	1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0	1000	<b>1614290000</b>

Type	Qty	Order No.
<b>Width</b>		
ZAP/TW 3	2 mm	50 <b>1608800000</b>
ZEW 35	6 mm	20 <b>9540000000</b>
<b>SD 0.6x3.5x100</b>		
SD 0.6x3.5x100	1	<b>9008330000</b>
ZRH 2.5/1 WS	1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0	1000	<b>1614290000</b>

DEK 5/5 / WS 10/5		
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DEK 5/5 / WS 10/5		
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## Terminals with electronic components

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

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

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

### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Orange
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

### ZDU 2.5-2/D+

2.5 mm<sup>2</sup>

#### Diode circuit



5.1 x 50.5 x 44	
/ 2.5	
0.05...2.5	

IEC 60947-7-1		
IEC	UL	CSA
400	600	600
1	1	1
2.5	AWG 30...12	AWG 26...12
6 / 3		
A2 / V-0		
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
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/D+	20	1779110000
Note		
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
Note			
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

Marking systems	
	DEK 5/5 / WS 14/5

### ZDU 2.5-2/D-

2.5 mm<sup>2</sup>

#### Diode circuit



5.1 x 50.5 x 44	
/ 2.5	
0.05...2.5	

IEC 60947-7-1		
IEC	UL	CSA
400	600	600
1	1	1
2.5	AWG 30...12	AWG 26...12
6 / 3		
A2 / V-0		
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
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/D-	20	1779000000
Note		
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

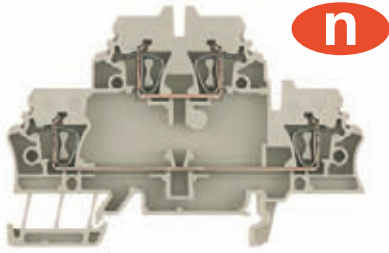
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
Note			
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

Marking systems	
	DEK 5/5 / WS 14/5

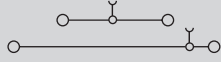
**ZDK 2.5 EM**

2.5 mm<sup>2</sup>

Double level terminals



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



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

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

KEMA 97ATEX4677 U

**Rated connection**

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

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 EM	50	1768800000
ZDK 2.5 OR	50	1694140000
Empty electronics enclosure for do-it-yourself soldering of components.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

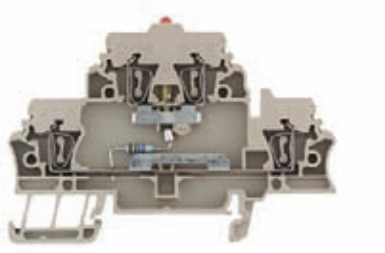
DEK 5/5 / WS 12/5

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

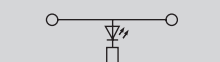
**ZDK 2.5/LD RT/1**

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
24	24	24
10	10	10
2.5	AWG 30...12	AWG 26...12
/ 3		
A2 / V-0		

24 / 0

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

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		

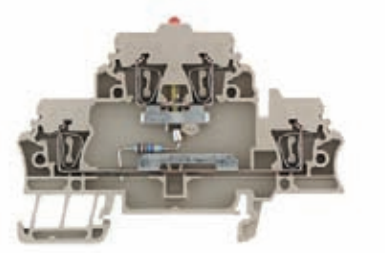
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

**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
24	24	24
10	10	10
2.5	AWG 30...12	AWG 26...12
/ 3		
A2 / V-0		

24 / 0

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

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		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / 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>.

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

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

### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Orange
Note	

### Accessories

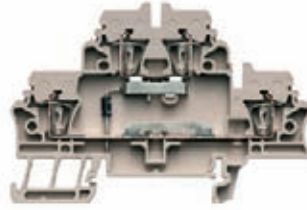
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

## 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
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
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		

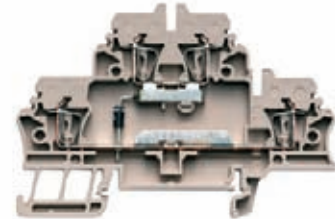
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

Marking systems	
	DEK 5/5 / WS 10/5

## 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	

IEC 60947-7-1		
IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
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/2	50	1690030000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

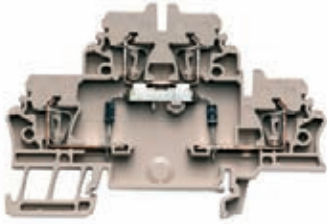
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

Marking systems	
	DEK 5/5 / WS 10/5

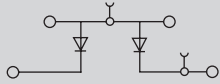
**ZDK 2.5/D/4**

2.5 mm<sup>2</sup>

Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

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/4	50	1690040000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			

ZAP/TW ZDK2.5	1.5 mm	20	1674730000
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ZEW 35	6 mm	20	9540000000
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SD 0.6x3.5x100	1	9008330000
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ZRH 1.5H/1	1000	1678810000
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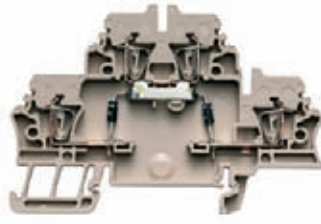
ZRH 1.5H/2	1000	1678800000
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DEK 5/5 / WS 10/5

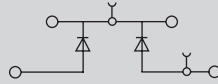
**ZDK 2.5/D/5**

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
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

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

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			

ZAP/TW ZDK2.5	1.5 mm	20	1674730000
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ZEW 35	6 mm	20	9540000000
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SD 0.6x3.5x100	1	9008330000
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ZRH 1.5H/1	1000	1678810000
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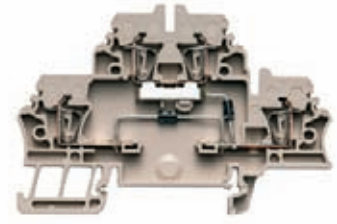
ZRH 1.5H/2	1000	1678800000
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DEK 5/5 / WS 10/5

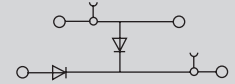
**ZDK 2.5/D/6**

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
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

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	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			

ZAP/TW ZDK2.5	1.5 mm	20	1674730000
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ZEW 35	6 mm	20	9540000000
--------	------	----	------------

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

ZRH 1.5H/1	1000	1678810000
------------	------	------------

ZRH 1.5H/2	1000	1678800000
------------	------	------------

DEK 5/5 / WS 10/5

## Terminals with electronic components

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

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

### Technical data

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

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Orange
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

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

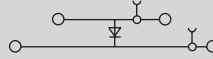
### ZDK 4-2/D forward

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
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 / 1.5...4
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

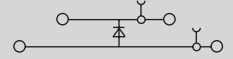
### ZDK 4-2/D reverse

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
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 / 1.5...4
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDK 4-2/D forward	50	8670520000
Note		
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
Note		
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
		1	9008330000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
		1	9008330000

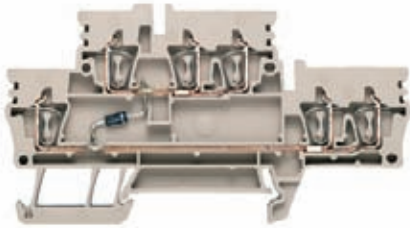
Marking systems	
	DEK 5/6

Marking systems	
	DEK 5/6

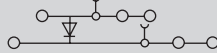
**ZDK 2.5/3AN D1**

4 mm<sup>2</sup>

**Diodenschaltung**



5.1 x 93 x 44  
/ 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	300	300
1		
4	AWG 30...12	AWG 30...12
	6 / 3	
	A2 / V-0	



1000 / 1

**Rated connection**

0.5...4 / 1.5...2.5  
0.5...2.5 / 0.21...2.5  
10 / 0.6 x 3.5 mm

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 2.5/3AN D1	50	1924440000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	<b>Width</b>		

ZAP/TW ZDK 2.5/3AN	2 mm	20	1924910000
ZEW 35/2	8 mm	20	8630740000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

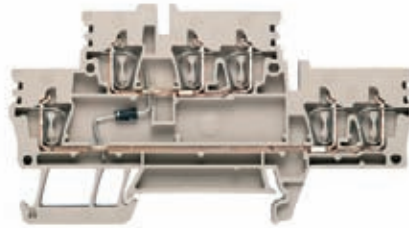
DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

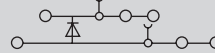
**ZDK 2.5/3AN D2**

4 mm<sup>2</sup>

**Diodenschaltung**



5.1 x 93 x 44  
/ 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	300	300
1		
4	AWG 30...12	AWG 30...12
	6 / 3	
	A2 / V-0	



1000 / 1

**Rated connection**

0.5...4 / 1.5...2.5  
0.5...2.5 / 0.21...2.5  
10 / 0.6 x 3.5 mm

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 2.5/3AN D2	50	1924450000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
	<b>Width</b>		

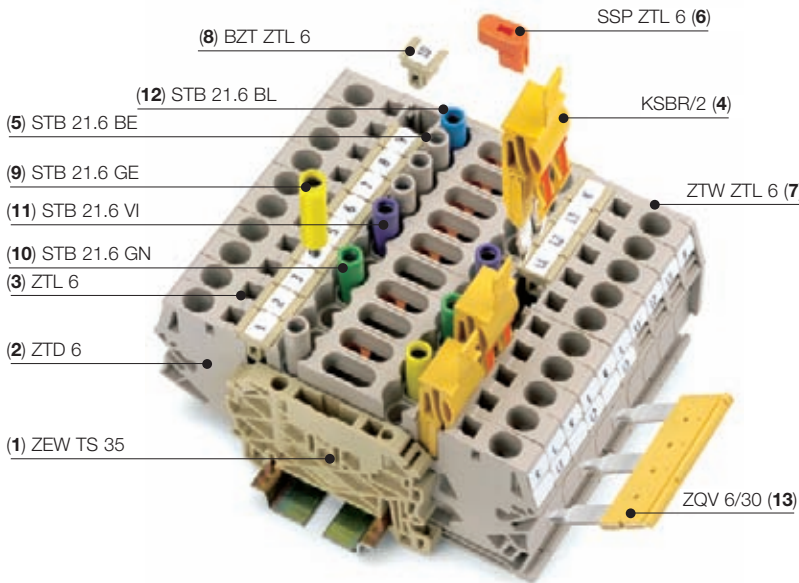
ZAP/TW ZDK 2.5/3AN	2 mm	20	1924910000
ZEW 35/2	8 mm	20	8630740000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

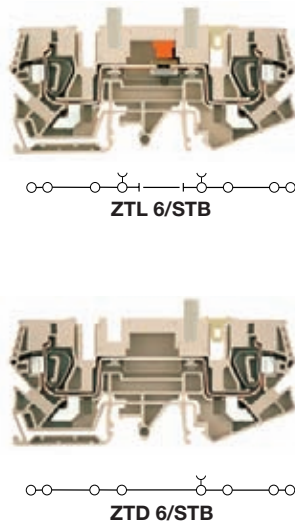
Test-disconnect terminals

Test-disconnect terminal blocks for metering with the ZTL 6



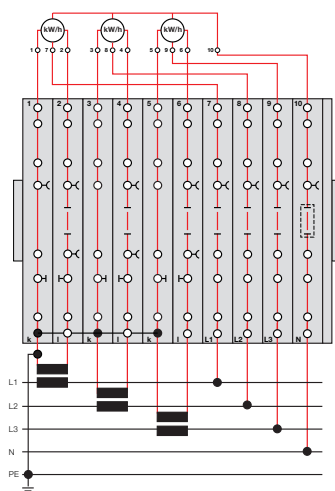
Pos.	Type	Qty.	Order No.
1	ZEW TS 35 (TS 35 only)	2	954000000
1	EWK1 (TS 32 only)	2	0206160000
2	ZTD 6	3	1771810000
3	ZTL 6	7	1771800000
4	KSB/R/2	3	1771820000
5	STB 21.6 BE	11	1071000000
6	SSP ZTL 6	1	1771860000
7	ZTW ZTL 6	1	1771870000
8	BZT ZTL 6	4	1781140000
optional for better marking (instead of 11 x pos. 5):			
Pos.	Type	Qty.	Order No.
5	STB 21.6 BE	4	1071000000
9	STB 21.6 GE	2	1071010000
10	STB 21.6 GN	2	1071020000
11	STB 21.6 VI	2	1071030000
12	STB 21.6 BL	1	1071080000
optional addition for a joint internal k-point:			
Pos.	Type	Qty.	Order No.
13	ZQV 6/30*	1	1733640000

\* Shorten to 5 poles

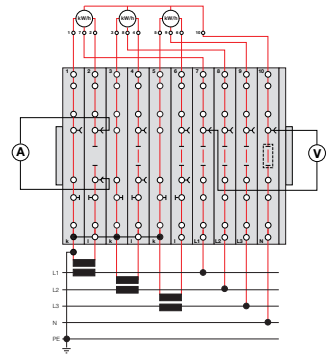


Operating status

(with internal distribution of the k-point)



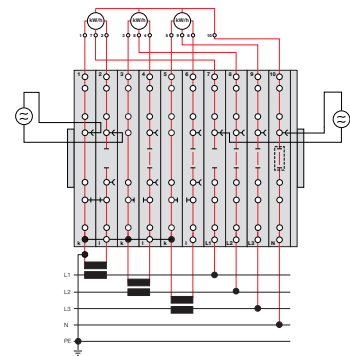
Comparison measurement for L1



Operation depending on the operating status

1. Connect ammeter to test sockets at terminal 2.
2. Open the disconnect slide link of terminal 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

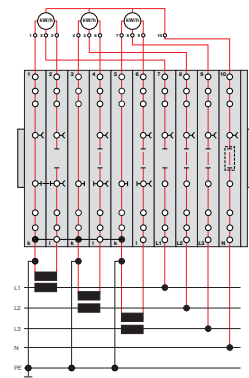
Meter test for L1 through external power supply



Operation depending on the operating status:

1. Insert short-circuit plugs into terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on the operating status:

1. Insert the short-circuit plugs into terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Terminal for power supply

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

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



**Technical data**

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

**Ordering data**

Version	
	With socket
	Without socket
Note	

**Accessories**

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / partition	
	End plate
Testing / Checking	
	Test plug
	Socket, grey
	Socket, green
	Socket, violet
	Socket, blue
Miscellaneous accessories	
	Short-circuit plug, 2-pole
	Short-circuit plug, 3-pole
	Short-circuit plug, 4-pole
Marker holder	

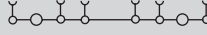
**Marking systems** (see assortment in catalogue 7)  
 Marking tags  
**For detailed information on other accessories and applications, refer to the „Accessories“ section**


**ZTD 6**

6 mm<sup>2</sup>

Feed-through terminal



8 x 106 x 47.5	
<b>52 / 10</b>	
<b>0.5...10</b>	

IEC 60947-7-1		
IEC	UL	CSA
800	300	300
41	33	33
6	AWG 20...8	AWG 20...8
8 / 3		
A5 / V-0		
		
Rated connection		
0.5...10 / 1.5...6		
0.5...6 / 0.5...6		
13 / 0.8 x 4 mm		
400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTD 6 with screw = 0.5 to 0.6 Nm		

Type	Qty	Order No.
ZTD 6/STB	20	1771960000
ZTD 6	20	1771810000

Type	current	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			
ZTW ZTL6	2 mm	20	1771870000
PS 4 F.STB 4			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 21.6/IH/GE WTL6/3	6.2 mm	50	1071010000
STB 21.6/IH/GN WTL6/3	6.2 mm	50	1071020000
STB 21.6/IH/MI WTL6/3	6.2 mm	50	1071030000
STB 21.6/IH/BL WTL6/3	6.2 mm	50	1071080000
KSB			
KSBR/2 ZTL6		20	1771820000
KSBR/3 ZTL6		20	1771830000
KSBR/4 ZTL6		20	1771840000
BZT ZTL6			
BZT ZTL6		20	1781140000

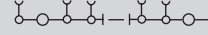
DEK 5/8 / WS 12/6,5  
 Plug-in tag carrier for additional marking tags above the cross-connection channel (BZT ZTL 6)


**ZTL 6**

6 mm<sup>2</sup>

Disconnect test terminal



8 x 106 x 47.5	
<b>52 / 10</b>	
<b>0.5...10</b>	

IEC 60947-7-1		
IEC	UL	CSA
800	300	300
41	33	33
6	AWG 20...8	AWG 20...8
8 / 3		
A5 / V-0		
		
Rated connection		
0.5...10 / 1.5...6		
0.5...6 / 0.5...6		
13 / 0.8 x 4 mm		
400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTL 6 with screw = 0.5 to 0.6 Nm		

Type	Qty	Order No.
ZTL 6/STB	20	1771950000
ZTL 6	20	1771800000

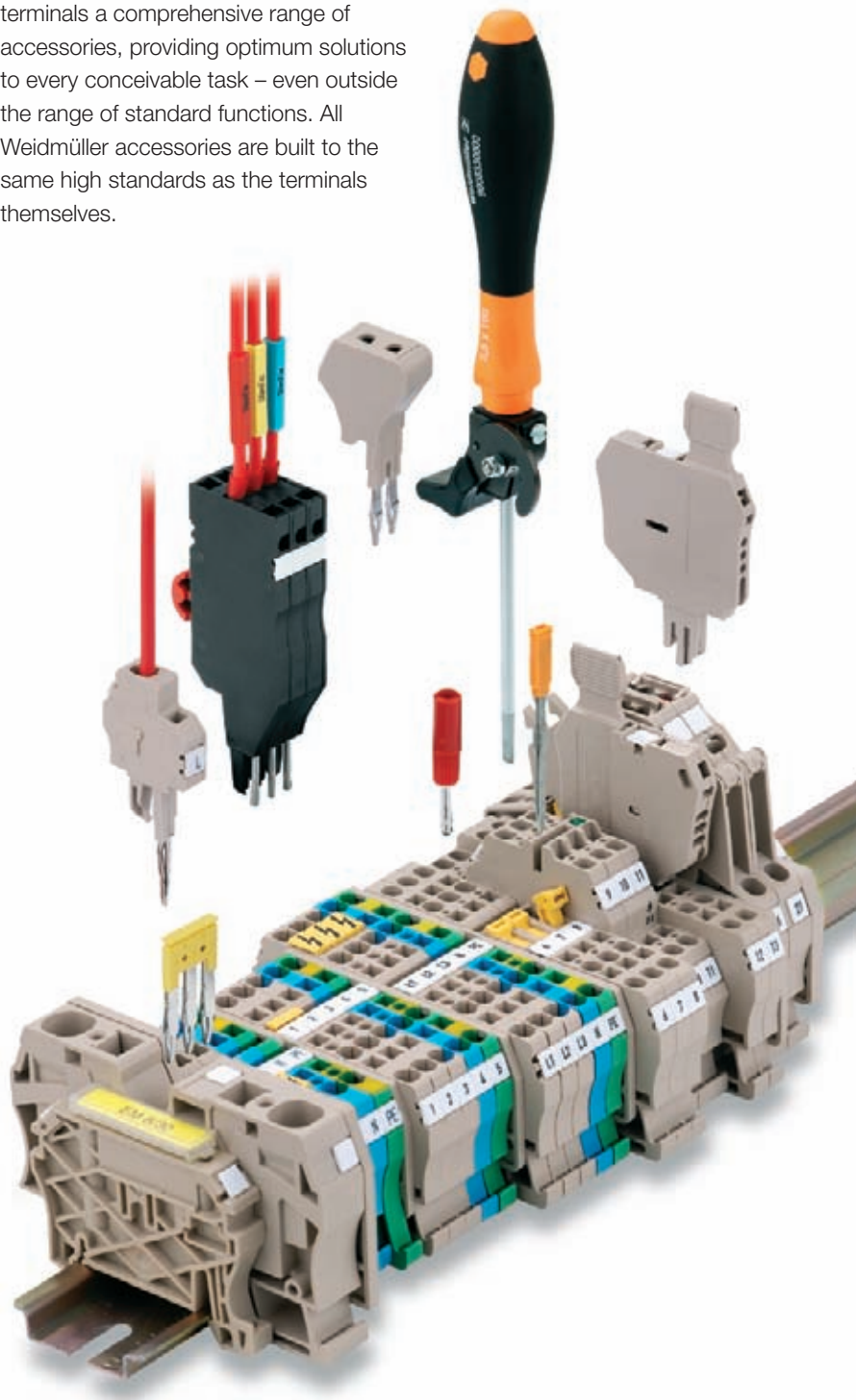
Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZTW ZTL6	2 mm	20	1771870000
PS 4 F.STB 4			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 21.6/IH/GE WTL6/3	6.2 mm	50	1071010000
STB 21.6/IH/GN WTL6/3	6.2 mm	50	1071020000
STB 21.6/IH/MI WTL6/3	6.2 mm	50	1071030000
STB 21.6/IH/BL WTL6/3	6.2 mm	50	1071080000
KSB			
KSBR/2 ZTL6		20	1771820000
KSBR/3 ZTL6		20	1771830000
KSBR/4 ZTL6		20	1771840000
BZT ZTL6			
BZT ZTL6		20	1781140000

DEK 5/8 / WS 12/6,5  
 Plug-in tag carrier for additional marking tags above the cross-connection channel (BZT ZTL 6)

# Extra functions

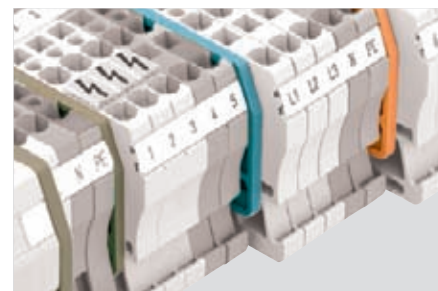
## Extra functions

Weidmüller offers the user of Z-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions. All Weidmüller accessories are built to the same high standards as the terminals themselves.



## Visual separation

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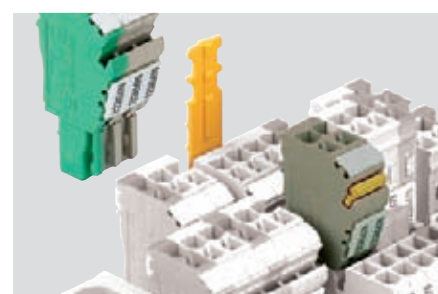


To guarantee “finger-safe” use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

End cover plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

## Pluggable terminals

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### WeiCoS

#### Weidmüller Connection System

This new generation of pluggable terminals is structured on the modular principle. The basic elements of the WeiCoS system are one terminal for the functional unit on the mounting rail and a plug-in connector for elements to be connected (cable harness production).

**Fastening**

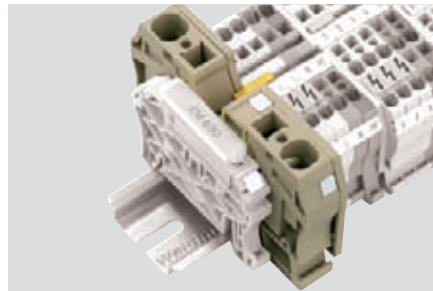
Chapter G



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 G**.

**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**

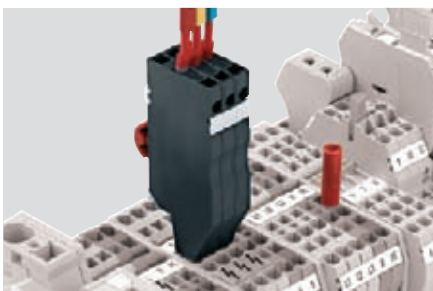
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A plug-in **cross-connection system (ZQV)** is available for all Z-Series terminals. The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be conveyed across the cross-section, depending on the rated voltage of the terminal.

**Testing**

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The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. It is simply slotted onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal simply by pressing the release button.

**Marking and connecting**

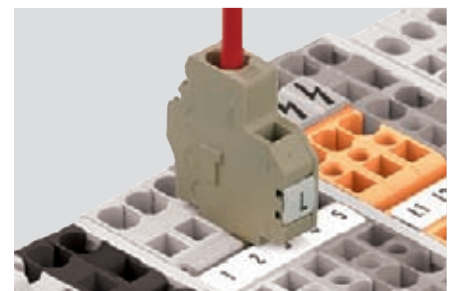
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Weidmüller's marking systems in **chapter G** are used to mark tension clamp terminals. Individual terminals, terminal groups and conductors can be marked. The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter G**. As an alternative to screwdrivers, fully insulated operating tools are also available; see page D.136.

**Specific functions/  
colour variations**

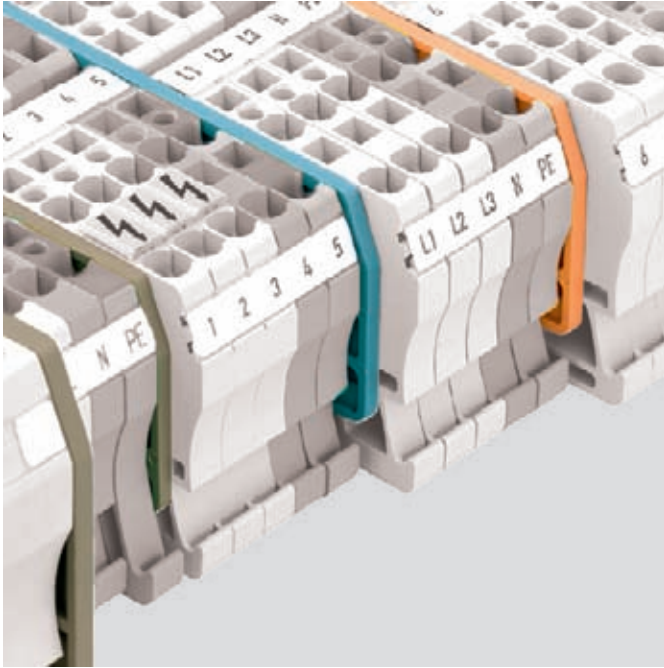
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Further helpful accessories are available for terminals using tension clamp technology, such as:

- 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



## Touch-safe protection

The last terminal in a terminal strip must be closed off with a ZAP/TW-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures that the touch-safe requirement is met for live-voltage components and that the terminals are touch-safe.

## Optical separation

Coloured end plates are very frequently used for optically distinguishing the circuits.

## Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

## Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

## Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

## ... for standard terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2 mm</b>				
ZAP/TW ZDU1.5/2AN	beige	20	1776030000	ZDU 1.5
ZAP/TW ZDU1.5/2AN BL	blue	20	1776040000	ZDU 1.5 BL
ZAP/TW ZDU1.5/2AN OR	Orange	20	1776050000	ZPE 1.5
<b>Width 2 mm</b>				
ZAP/TW ZDU1.5/3AN	beige	20	1776060000	ZDU 1.5/3 AN
ZAP/TW ZDU1.5/3AN BL	blue	20	1776070000	ZDU 1.5/3 AN/BL
ZAP/TW ZDU1.5/3AN OR	Orange	20	1776080000	ZPE 1.5/3AN
<b>Width 2 mm</b>				
ZAP/TW ZDU1.5/4AN	beige	20	1776090000	ZDU 1.5 2X2AN
ZAP/TW ZDU1.5/4AN BL	blue	20	1776100000	ZDU 1.5 2X2AN BL
ZAP/TW ZDU1.5/4AN OR	Orange	20	1776110000	ZDU 1.5/4 AN
				ZDU 1.5/4 AN/BL
				ZPE 1.5/4AN
<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 BL
ZAP/TW ZDK1.5 OR	Orange	20	1791180000	ZDK 1.5 PE
				ZDK 1.5DU-PE
				ZDK 1.5V
				ZDK 1.5V BL
<b>Width 2 mm</b>				
ZAP/TW 1	dark beige	50	1608740000	ZDU 2.5
ZAP/TW 1 BL	blue/light blue	50	1608750000	ZDU 2.5 BL
ZAP/TW 1 GN	green	50	1683680000	ZPE 2.5
ZAP/TW 1 GR	grey	50	1683710000	ZTR 2.5
ZAP/TW 1 OR	Orange	50	1608760000	ZTR 2.5 BL
ZAP/TW 1 RT	red	50	1683660000	ZTR 2.5/O. TNHE
<b>Width 2 mm</b>				
ZAP/TW 2 BL	blue/light blue	50	1608780000	ZDU 2.5/3AN
ZAP/TW 2 DB	dark beige	50	1608770000	ZDU 2.5/3AN BL
ZAP/TW 2 GN	green	50	1683760000	ZPE 2.5/3AN
ZAP/TW 2 OR	Orange	50	1608790000	
<b>Width 2 mm</b>				
ZAP/TW 3	dark beige	50	1608800000	ZDU 2.5/2X2AN
ZAP/TW 3 BL	blue/light blue	50	1608810000	ZSI 2.5
ZAP/TW 3 GN	green	50	1683840000	ZSI 2.5/5X25
ZAP/TW 3 GR	grey	50	1683870000	ZSI 2.5/LD 120AC
ZAP/TW 3 OR	Orange	50	1608820000	ZSI 2.5/LD 250AC
ZAP/TW 3 RT	red	50	1683820000	ZSI 2.5/LD 28AC
ZAP/TW 3 SW	black	50	1683890000	ZSI 2.5/LD 60AC
ZAP/TW 3 WS	white	50	1683880000	ZTR 2.5/3AN
				ZTR 2.5/3AN BL
				ZTR 2.5/3AN/O.TNHE
				ZTR 2.5/4AN
				ZDU 2.5/2X2AN BL
				ZTR 2.5/4AN BL
				ZTR 2.5/4AN/O.TNHE
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 2.5/2X2AN/LD+
				ZDU 2.5/2X2AN/LD-
				ZDU 2.5/4AN
				ZDU 2.5/4AN BL
				ZPE 2.5/4AN
<b>Width 1.5 mm</b>				
ZAP/TW ZDK2.5	dark beige	20	1674730000	ZDK 2.5
ZAP/TW ZDK2.5 BL	blue/light blue	20	1748800000	ZDK 2.5/D/1
ZAP/TW ZDK2.5 OR	Orange	20	1690080000	ZDK 2.5/D/2
				ZDK 2.5/D/4
				ZDK 2.5/D/5
				ZDK 2.5/D/6
				ZDK 2.5/LD RT/1
				ZDK 2.5/LD RT/2
				ZDK 2.5V
				ZDK 2.5 BL
				ZDK 2.5 DU-PE
				ZDK 2.5 EM
				ZDK 2.5 N-DU
				ZDK 2.5 N-PE
				ZDK 2.5 OR
				ZDK 2.5 PE
				ZDK 2.5 V BL

... for standard terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 1.5 mm</b>				
ZAP ZDL2.5-2	dark beige	20	1718370000	ZDL2 2.5-2 N
ZAP/TW ZDL2.5-2N	dark beige	20	1782340000	ZDL2 2.5-2 N/BL
ZAP/TW ZDL2.5-2N BL	blue	20	1782350000	ZDL2 2.5-2 VN ZDL2 2.5-2 VN/BL
<b>Width 1.5 mm</b>				
ZAP ZMAK2.5	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	ZDTR 2.5 BL
<b>Width 2 mm</b>				
ZAP/TW 4 BL	blue/light blue	50	1632100000	ZDU 4
ZAP/TW 4	dark beige	50	1632090000	ZDU 4 BL
ZAP/TW 4 GN	green	50	1683920000	ZPE 4
ZAP/TW 4 OR	Orange	50	1632110000	
<b>Width 2 mm</b>				
ZAP/TW 4/3AN BL	blue	20	7904110000	ZDU 4/3AN
ZAP/TW 4/3AN OR	Orange	20	7904120000	ZDU 4/3AN BL
ZAP/TW 4/3AN	dark beige	20	7904100000	ZPE 4/3AN
<b>Width 2 mm</b>				
ZAP/TW4/4AN	dark beige	20	7904210000	ZDU 4/4AN
ZAP/TW4/4AN BL	blue	20	7904220000	ZDU 4/4AN BL
ZAP/TW4/4AN OR	Orange	20	7904230000	ZPE 4/4AN
<b>Width 2 mm</b>				
ZAP/TW 5	dark beige	50	1608830000	ZDU 6
ZAP/TW 5 BL	blue/light blue	50	1608840000	ZDU 6 BL
ZAP/TW 5 OR	Orange	50	1608850000	ZPE 6
<b>Width 2 mm</b>				
ZAP/TW6/3AN BL	blue	20	7907380000	ZDU 6/3AN
ZAP/TW6/3AN OR	Orange	20	7907390000	ZDU 6/3AN BL
ZAP/TW6/3AN	dark beige	20	7907370000	ZPE 6/3AN
<b>Width 2.7 mm</b>				
ZAP/TW ZDU10	beige	20	1748660000	ZDU 10
ZAP/TW ZDU10 BL	blue/light blue	20	1764110000	ZDU 10 BL
ZAP/TW ZDU10 OR	Orange	20	1748670000	ZPE 10
<b>Width 3 mm</b>				
ZAP/TW 10/16	beige	20	1749580000	ZDU 10/3AN
ZAP/TW 10/16 BL	blue	20	1768520000	ZDU 10/3AN BL
ZAP/TW 10/16 OR	Orange	20	1749590000	ZDU 16/3AN ZDU 16/3AN BL ZPE 10/3AN ZPE 16/3AN
<b>Width 3 mm</b>				
ZAP/TW ZDU16	dark beige	20	1745150000	ZDU 16
ZAP/TW ZDU16 BL	blue/light blue	20	1764100000	ZDU 16 BL
ZAP/TW ZDU16 OR	Orange	20	1745160000	ZPE 16

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2.5 mm</b>				
ZAP/TW7	dark beige	50	1706110000	ZDU 2.5-2
ZAP/TW7 BL	blue/light blue	50	1706120000	ZDU 2.5-2 BL
ZAP/TW7 OR	Orange	50	1706130000	ZDU 2.5-2/3AN ZDU 2.5-2/3AN BL ZDU 2.5-2/4AN ZDU 2.5-2/4AN BL ZDU 2.5-2/D+ ZDU 2.5-2/D- ZPE 2.5-2 ZPE 2.5-2/3AN ZPE 2.5-2/4AN ZTR 2.5-2 ZTR 2.5-2 BL ZTR 2.5-2/O.TNHE
<b>Width 2 mm</b>				
ZAP/TW ZDK2.5-2	dark beige	20	1791050000	ZDK 2.5-2
ZAP/TW ZDK2.5-2 BL	blue	20	1791060000	ZDK 2.5-2 BL
ZAP/TW ZDK2.5-2 OR	Orange	20	1791070000	ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2 mm</b>				
ZAP/TW ZDKPE2.5-2	dark beige	25	1805960000	ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE
<b>Width 2 mm</b>				
ZAP ZDU4-2	dark beige	50	1770400000	ZDU 4-2/2AN
ZAP ZDU4-2 BL	blue	50	1770880000	ZDU 4-2/2AN BL
ZAP ZDU4-2 OR	Orange	50	1770890000	ZDU 4-2/3AN ZDU 4-2/3AN BL ZDU 4-2/3AN LSC ZPE 4-2/2AN ZPE 4-2/3AN
<b>Width 2 mm</b>				
ZAP ZDU4-2/4AN	dark beige	50	1807010000	ZDU 4-2/4AN
ZAP ZDU4-2/4AN BL	blue	50	1807020000	ZDU 4-2/4AN BL
ZAP ZDU4-2/4AN OR	Orange	50	1807030000	ZPE 4-2/4AN
<b>Width 2.5 mm</b>				
ZAP ZDU6-2	dark beige	50	1771440000	ZDU 6-2/2AN
ZAP ZDU6-2 BL	blue	50	1771450000	ZSI 6-2 2X2.5/G20
ZAP ZDU6-2 OR	Orange	50	1771460000	ZSI 6-2 2X2.5/G20/LD1
ZAP ZDU6-2 SW	black	50	1814710000	ZSI 6-2 2X2.5/G20/LD2 ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZSI 6-2/FC ZSI 6-2/FC LD ZTR 6-2 ZTR 6-2 E / 230V UC ZTR 6-2 E / 24V DC ZDU 6-2/2AN BL ZDU 6-2/3AN ZDU 6-2/3AN BL ZPE 6-2/2AN ZPE 6-2/3AN ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2
<b>Width 2.5 mm</b>				
ZAP/Z...16-2/1AN	dark beige	10	1772970000	ZPE 16-2/1AN

... for initiator-actuator terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 5.1 mm</b>				
ZAP/TW ZPV1.5	dark beige	50	1674650000	ZAP/TW ZPV1.5 ZPV 1.5
<b>Width 5.1 mm</b>				
ZAP/TW ZIA1.5/3L	beige	50	1649540000	ZIA 1.5/3L-1S ZIA 1.5/3L-1S/LD ZIA 1.5/3L-PE
<b>Width 5.1 mm</b>				
ZAP/TWZIA1.5/4L	beige	50	1649550000	ZIA 1.5/4L-1S ZIA 1.5/4L-1S/LD ZIA 1.5/4L-PE
<b>Width 5 mm</b>				
AP ZRV1.5 DB	dark beige	10	1698180000	

## Accessories - Optical separation

## ... for installations terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 3 mm</b>				
ZHP Z/W BL	blue	20	<b>1745180000</b>	ZDU 10S
ZHP ZDL2.5S BL	blue	20	<b>1720890000</b>	ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZNT 35
				ZPE 10S
				ZPE 16S
<b>Width 2 mm</b>				
ZAP ZDU10/16S	dark beige	20	<b>1739660000</b>	ZDU 10/NT
				ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZPE 10S
				ZPE 16S
<b>Width 5 mm</b>				
ZHP Z/W SO	blue	20	<b>1781070000</b>	ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZNT 35
				ZPE 10S
				ZPE 16S
<b>Width 2 mm</b>				
ZAP ZDU 2.5 S	dark beige	20	<b>1808030000</b>	ZDU 2.5 S
ZAP ZDU 2.5 S BL	blue	20	<b>1808040000</b>	ZDU 2.5 S BL
ZAP ZDU 2.5 S OR	Orange	20	<b>1808050000</b>	ZNT 2.5 S
				ZPE 2.5 S
<b>Width 2 mm</b>				
ZAP ZDU 4 S	dark beige	20	<b>1808380000</b>	ZDU 4 S
ZAP ZDU 4 S BL	blue	20	<b>1808390000</b>	ZDU 4 S BL
				ZNT 4 S
				ZPE 4 S
<b>Width 2 mm</b>				
ZAP ZDU 6 S	dark beige	20	<b>1808250000</b>	ZDU 6 S
ZAP ZDU 6 S BL	blue	20	<b>1808260000</b>	ZDU 6 S BL
				ZNT 6 S
				ZPE 6 S
<b>Width 3 mm</b>				
ZHP S	blue	20	<b>1808290000</b>	ZDU 2.5 S
ZHP S SO	blue	20	<b>1808280000</b>	ZPE 2.5 S
				ZPE 4 S
				ZPE 6 S
				ZDU 2.5 S BL
				ZDU 4 S
				ZDU 4 S BL
				ZDU 6 S
				ZDU 6 S BL
				ZNT 2.5 S
				ZNT 4 S
				ZNT 6 S

## ... for mini-terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 1.5 mm</b>				
ZAP/TW ZDUA	dark beige	50	<b>1720960000</b>	ZDUA 2.5-2
ZAP/TW ZDUA BL	blue/light blue	50	<b>1720970000</b>	ZDUA 2.5-2 BL
ZAP/TW ZDUA OR	Orange	50	<b>1720980000</b>	ZPEA 2.5-2
<b>Width 2.5 mm</b>				
ZAP/TW ZDUA2.5-2N	dark beige	50	<b>1808170000</b>	ZDUA 2.5-2N
				ZDUA 2.5-2N BL
				ZPEA 2.5-2N
<b>Width 5 mm</b>				
ZAP ZDUB	dark beige	50	<b>1704750000</b>	ZDUB 2.5-2/2AN/15
ZAP ZDUB BL	blue/light blue	50	<b>1704760000</b>	ZDUB 2.5-2/2AN/RC BL
ZAP ZDUB OR	Orange	50	<b>1704770000</b>	ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC/BL
				ZDUB 2.5-2/4AN/RC/GE
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC
<b>Width 5 mm</b>				
ZTW ZDUB	dark beige	50	<b>1704340000</b>	ZDUB 2.5-2/2AN/15
				ZDUB 2.5-2/2AN/RC BL
				ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC/BL
				ZDUB 2.5-2/4AN/RC/GE
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC

## ... for WeiCoS pluggable terminals

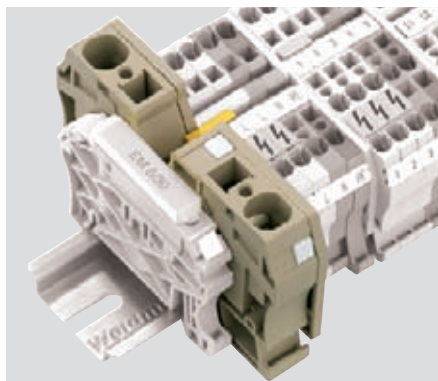
Type	Colour	Qty	Order No.	For terminal:
<b>Width 2.5 mm</b>				
ZAP/TW ZT2.5/2AN	dark beige	50	1816030000	ZT 2.5/2AN/1
ZAP/TW ZT2.5/2AN OR	Orange	50	1816040000	ZTPE 2.5/2AN/1
<b>Width 2.5 mm</b>				
ZAP/TW ZT2.5/3AN	dark beige	50	1816050000	ZT 2.5/3AN/1 ZTPE 2.5/3AN/1
<b>Width 2.5 mm</b>				
ZAP/TW ZT2.5/4AN/2	dark beige	50	1816070000	ZT 2.5/4AN/2
ZAP/TW ZT2.5/4AN/2 OR	Orange	50	1816080000	ZTPE 2.5/4AN/2
<b>Width 2.5 mm</b>				
ZAP/TW ZT2.5/4AN/4	dark beige	50	1816090000	ZT 2.5/4AN/4
ZAP/TW ZT2.5/4AN/4 OR	Orange	50	1816100000	ZTC 2.5/4AN/4 ZTCPE 2.5/4AN/4 ZTPE 2.5/4AN/4
<b>Width 2.5 mm</b>				
ZAP/TW ZDT2.5/2	dark beige	50	1816110000	ZDT 2.5/2 ZDT 2.5/2 DU-PE ZDT 2.5/2 PE
<b>Width</b>				
ZAP/TW ZTTR2.5	dark beige	50	1865520000	ZTTR 2.5 ZTTR 2.5/O. TNHE

## ... for custom applications

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2 mm</b>				
ZTW ZTL6	dark beige	20	1771870000	ZTD 6
ZTW ZTL6 OR	Orange	20	1771880000	ZTD 6/STB ZTL 6 ZTL 6/STB
<b>Width 1.5 mm</b>				
ZAP ZDU4/NT	dark beige	20	1757970000	ZDU 4/NT ZDU 4/NT DB
<b>Width 2 mm</b>				
ZAP ZDU10/16S	dark beige	20	1739660000	ZDU 10/NT ZDU 10S ZDU 10S BL ZDU 16S ZDU 16S BL ZNT 10S ZNT 16S ZPE 10S ZPE 16S

**Accessories – Electrical supply**

**ZEI 16 supply terminal**



The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 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**



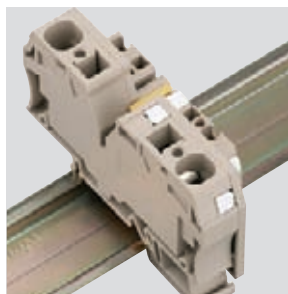
**Output possible on left and right**



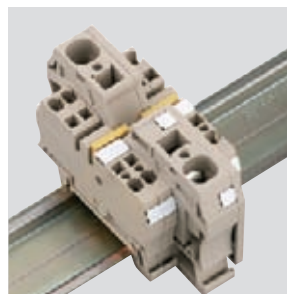
**Output options and corresponding cross-connections**

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 2.5N</b>	<b>ZQV 2.5/...</b>	•	•
	<b>ZDU 2.5N/3AN</b>	<b>ZQV 2.5/...</b>	•	•
	<b>ZDU 2.5N/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)

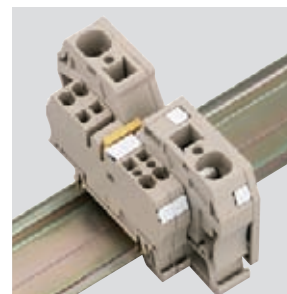
1) with IEPL 2) with QVAR



$$I_{max} = \sum I_n \text{ (left)}$$



$$I_{max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{max} = \sum I_n \text{ (right)}$$

**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

**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

**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**



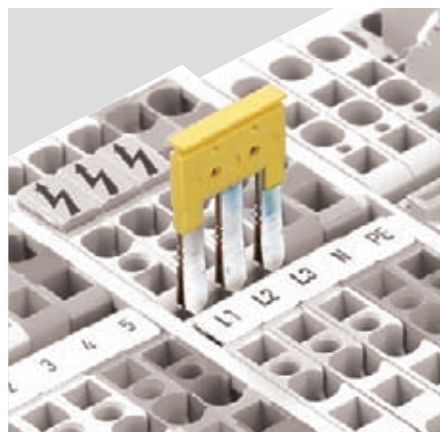
**Supply options and corresponding cross-connections**

		on the right											
Output terminals	Supply terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN	ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
		<b>on the left</b>											
ZDU 4		•	• 2)	•	•	• 2)	•	•	•	•	• 2)	• 2)	•
ZDU 4/3AN		• 1)	• 2)	• 1)	• 1)	• 2)	• 1)		•		• 2)	• 2)	•
ZDU 4/4AN		• 1)	• 2)	• 1)	• 1)	• 2)	• 1)			•	• 2)	• 2)	• 1)
ZDU 6		•	• 2)	•	•	• 2)	•	•	•	•	• 2)	• 2)	•
ZDU 6/3AN		• 1)		• 1)	• 1)		• 1)						• 1)
		on the left											
Output terminals	Supply terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN	ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
		<b>on the right</b>											
ZDU 4		•	• 2)	• 1)	•	• 2)	• 1)	•			• 2)	• 2)	• 1)
ZDU 4 / 3 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•		• 2)	• 2)	• 1)
ZDU 4 / 4 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 6		•	• 2)	• 1)	•	• 2)	• 1)	•			• 2)	• 2)	• 1)
ZDU 6 / 3 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•		• 2)	• 2)	•

1) with IEPL 2) with QVAR

## Accessories – Electrical supply

## 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 crosssections to terminals with smaller crosssection.
- **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 500 V. Here the rated voltage of the used terminal is mandatory (e.g. terminal types ZTR 2.5 and ZTR 2.5/3AN).

## Breaking out contact elements

Breaking out one or more (max. 60 %) contact elements from cross-connections enables certain terminals to be bypassed to suit the application.

## Fitting and changing cross-connection

The fitting and changing of cross-connections is a trouble-free and fast operation:  
– Insert the cross-connection into the cross-conn. channel in the terminal...

...and press it fully home.

(The cross-connection may not project from the channel.)

– Remove a cross-connection by simply prising it out with a screwdriver.

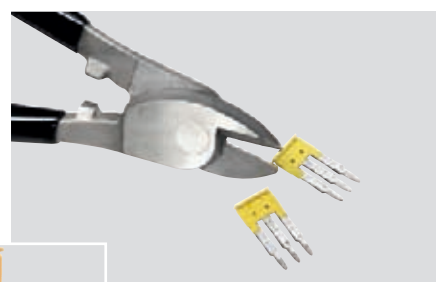
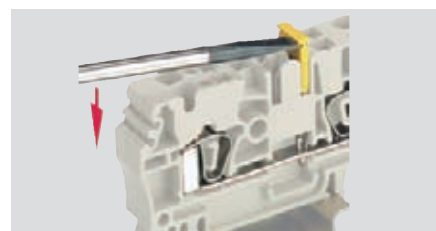
## Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order No. 900217). However, three contact elements must always be retained.

**Caution:**

Contact elements must not be deformed!

If a cross-connection is shortened, end plates or partition plates (ZAP/TW) must be used to maintain the rated voltage of 250 V (fitted to the bare cut edges of the cross-connection).



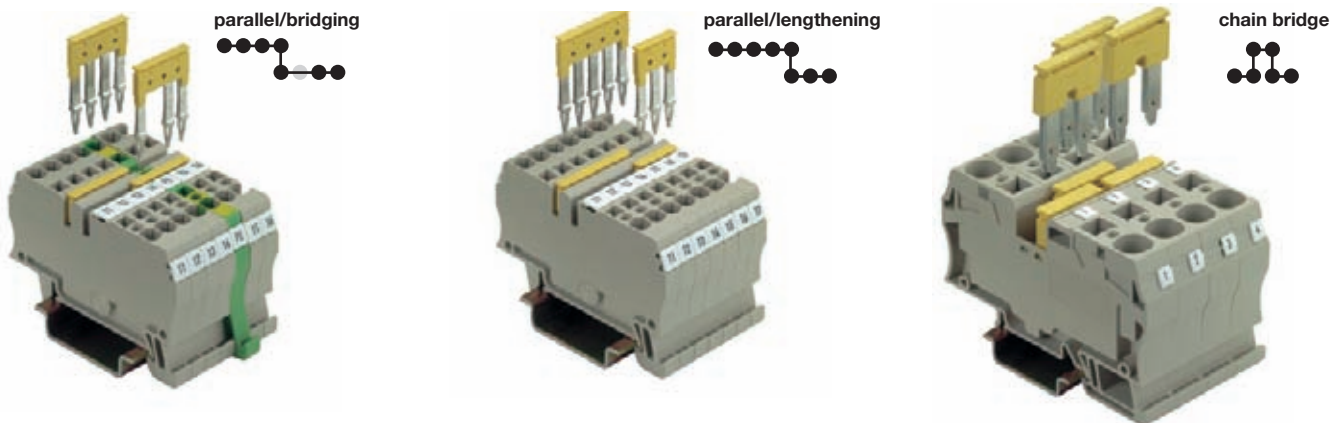


Possible combinations

In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connections

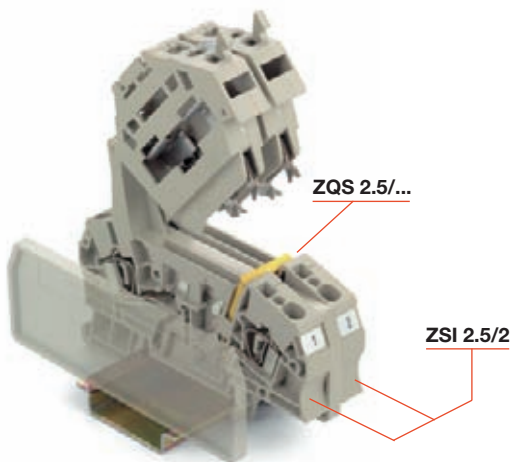
Terminal type	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals							
ZDU 2.5	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 3 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 4 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5N	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5N / 3 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5N / 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.

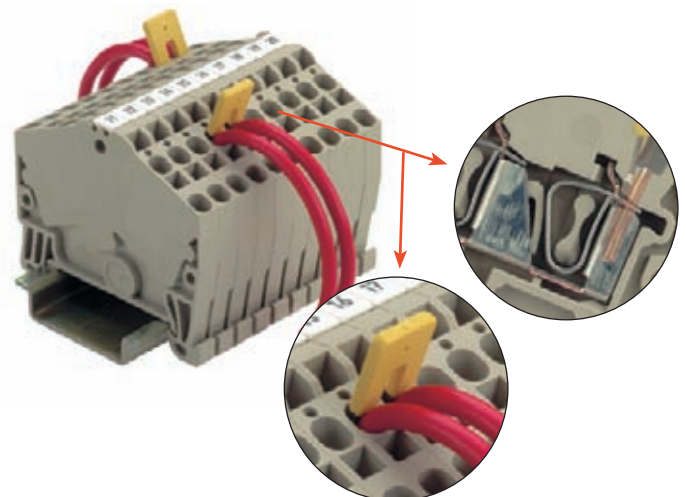


Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

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.



Accessories - Electrical supply

Cross-connections according to dimensions

**ZQV 1.5**



**ZQV 2.5**



**ZQV 4**



Technical data	
current / current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
32-pole	

17.5 / 17.5		
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	20	1776150000
ZQV 1.5/10	20	1776200000
<b>For terminal:</b>		
ZDU 1.5 ...		
ZDK 1.5 ...		
ZEI 6		

24 / 24		
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	20	1908960000
<b>For terminal:</b>		
ZDU 2.5 ...	ZDU 2.5-2 ...	
ZDK 2.5 ...	ZDK 2.5-2 ...	
ZTR 2.5 ...	ZTR 2.5-2 ...	
ZDTR 2.5	ZDL 2.5-2 ...	
ZTSI 2.5 ...	ZDKPE 2.5-2	
ZRV 2.5 ...	ZDU 2.5N ...	
ZIA 2.5 ...	ZNT 2.5/3AN ...	
ZEI 16	ZEI 16-2/1 AN	
	ZDU 2.5 S	
	ZTN 2.5 S	

32 / 32		
Type	Qty	Order No.
ZQV 4/2 GE	60	1608950000
ZQV 4/3 GE	60	1608960000
ZQV 4/4 GE	60	1608970000
ZQV 4/5 GE	20	1608980000
ZQV 4/6 GE	20	1608990000
ZQV 4/7 GE	20	1609000000
ZQV 4/8 GE	20	1609010000
ZQV 4/9 GE	20	1609020000
ZQV 4/10 GE	20	1609030000
ZQV 4/20 GE	20	1909010000
<b>For terminal:</b>		
ZDU 4 ...	ZDU 4-2 ...	
ZDK 4/S ...	ZDU 4 S	
ZEI 16	ZNT 4 S	
	ZEI 16-2/1 AN	

Cross-connections according to dimensions

**ZQV 16-10**

Reducing cross-connection



**ZQV 35-10**

Reducing cross-connection



**ZQV 35-16**

Reducing cross-connection



Technical data	
current / current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
32-pole	

57 / 76		
Type	Qty	Order No.
ZQV 16-10	50	7920080000
<b>For terminal:</b>		
ZDU 10 ...	ZDU 10 S	
ZPE 10 ...	ZNT 10 S	
ZDU 16 ...	ZDU 16 S	
ZPE 16	ZPE 16 S	
	ZNT 16 S	

57 / 105		
Type	Qty	Order No.
ZQV 35-10	10	7920100000
<b>For terminal:</b>		
ZDU 10 ...	ZDU 10 S	
ZPE 10 ...	ZNT 10 S	
ZDU 35		
ZPE 35		

76 / 105		
Type	Qty	Order No.
ZQV 35-16	10	7920120000
<b>For terminal:</b>		
ZDU 16 ...	ZDU 16 S	
ZPE 16 ...	ZPE 16 S	
ZDU 35		
ZPE 35		

**ZQV 6**



41 / 41		
Type	Qty	Order No.
ZQV 6/2 GE	60	1627850000
ZQV 6/3 GE	60	1627860000
ZQV 6/4 GE	60	1627870000
ZQV 6/32 GE	10	1733640000
<b>For terminal:</b>		
ZDU 6 ...	ZDU 6-2 ...	
ZDK 6/S ...	ZDU 6 S	
ZTL 6 ...	ZNT 6 S	
ZEI 16 ZEI	ZEI 16-2/1 AN	

**ZQV 10/2**



57 / 17.5		
Type	Qty	Order No.
ZQV 10/2	25	1739680000
<b>For terminal:</b>		
ZDU 10 ...	ZDU 10 S	
ZDU 10 NT	ZNT 10 S	

**ZQV 16/2**



76 / 76		
Type	Qty	Order No.
ZQV 16/2	25	1739690000
<b>For terminal:</b>		
ZDU 16	ZDU 16 S	
ZPE 16	ZPE 16 S	
	ZNT 16 S	

**ZQV 35/2**



105 / 105		
Type	Qty	Order No.
ZQV 35/2	10	1739700000
<b>For terminal:</b>		
ZDU 35		
ZPE 35		
ZNT 35/S		

**ZQV 2.5N**



24 / 24		
Type	Qty	Order No.
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/4 GE	60	1693820000
ZQV 2.5N/5 GE	20	1693830000
ZQV 2.5N/6 GE	20	1693840000
ZQV 2.5N/7 GE	20	1693850000
ZQV 2.5N/8 GE	20	1693860000
ZQV 2.5N/9 GE	20	1693870000
ZQV 2.5N/10 GE	20	1693880000
<b>For terminal:</b>		
ZT 2.5 ...	ZDUA 2.5-2 ...	
ZDT 2.5 ...	ZDUA 2.5-2N ...	
ZP 2.5 ...	ZDL 2.5 ...	
ZTTQ 2.5 ...	ZDL 2.5 S	
ZTC ...		

**ZQB 2.5**



24 / 24		
Type	Qty	Order No.
ZQB 2.5-2	50	1677120000
<b>For terminal:</b>		
	ZDUB 2.5-2/4 AN	
	ZDU 2.5-2/4 AN	

The ZQB 2.5 cross-connector is used for connecting terminals without a separated cross-connection channel.  
The ZBW tools is used for opening the terminal points. (order no. 1650670000)

**ZQS 2.5**



/ 10		
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
<b>For terminal:</b>		
ZSI 2.5/2 ...		

**ZVQ 2.5/1.5**



/ 23		
Type	Qty	Order No.
ZVQ 2.5/1.5	50	1720700000
<b>For terminal:</b>		
ZDK 2.5 ...	ZDLD 2.5-2 ...	
ZDT 2.5/2		

## Accessories – WeiCoS pluggable modular terminals

### Plug accessories

### WeiCoS 2.5 mm<sup>2</sup>

#### Locking element

#### ZVR ZP 2.5

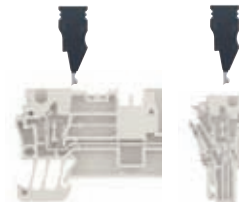


Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	25	1816130000

#### Test adapter

1 x 1827080000 and (n-1) x 1847600000 are required for setting up n-pole blocks.

#### ZTA ZT 2.5



Ordering data	Type	Qty.	Order No.
	ZTA ZT 2.5 (without spigot)	25	1827080000
	ZTA ZT 2.5 (with spigot)	25	1847600000

## D

#### Coding element

#### KOSF ZT 2.5



Ordering data	Type	Qty.	Order No.
	KOSF ZT 2.5	50	1816150000

#### Locking element

ZVR ZP 2.5 in conjunction with separate coupling

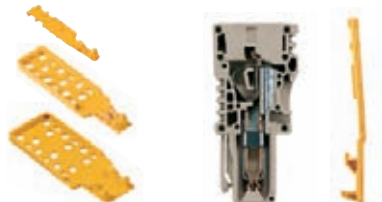
#### ZVR ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

#### Strain relief

#### ZZE ZP 2.5



Ordering data	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

#### Protective cover

#### ZAD ZT / ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZAD ZT / ZPS 2.5	50	1861030000

Plug accessories

WeiCoS 4 mm<sup>2</sup>

Locking element

ZVR ZP 4



Ordering data	Type	Qty.	Order No.
	ZVR ZP 4	25	1855250000

Fixing set

ZT2/1AN / ZT4/2AN

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



Ordering data	Type	Qty.	Order No.
	ZT2/1AN FX-Set	20	1859750000
	ZT4/2AN FX-Set	20	1859740000

Coding element

KOSF ZT 4



Ordering data	Type	Qty.	Order No.
	KOSF ZT 4	50	1856860000

Strain relief

ZZE ZP 4



Ordering data	Type	Qty.	Order No.
	ZZE ZP 4	25	1855260000

**Accessories – WeiCoS pluggable modular terminals**

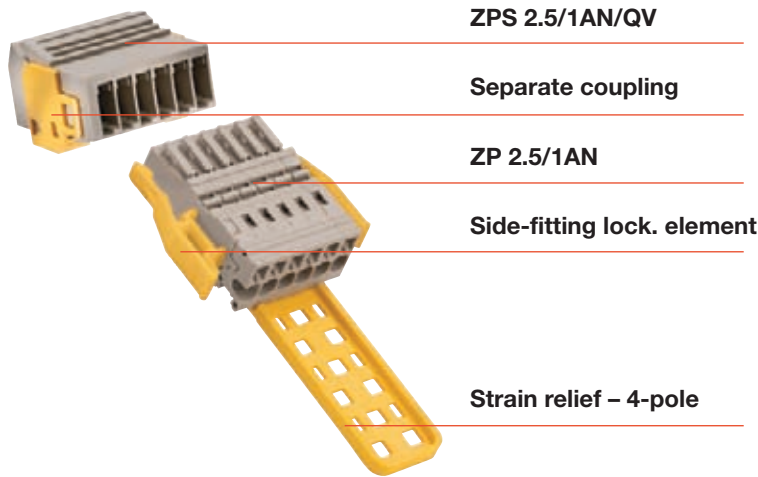
**Mounting set – separate coupling**

**Modern industry without modularity in the individual applications would be unthinkable**

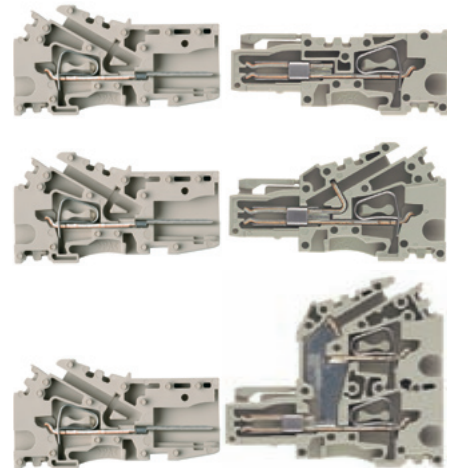
Coupled with high temperature and vibration demands, modularity requires the use of specially tested products. Wherever functional units are pre-assembled or have to be quickly separated, flexible systems are high on the agenda. The WeiCoS separate coupling represents a further extension to the Weidmüller 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.

**D**



**Separate coupling – 3 plugs, 1 line**



Separate coupling

**ZVLA1 ZPS 2.5**



Alternative to the side-fitting locking element, the central locking element

**ZVR ZP 2.5**



Ordering data	Type	Qty.	Order No.
	ZVLA1 ZPS 2.5	20	1866250000

Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	20	1816130000

Strain relief – 4-pole

**ZZE ZP 2.5 / 4 / 8**



**ZP 2.5/1AN/6**



Ordering data	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

Ordering data	Type	Qty.	Order No.
	ZP 2.5/1AN/6	25	1815520000

Side-fitting locking element

**ZVR ZPS 2.5**



**ZPS 2.5/1AN/QV 6**



Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

Ordering data	Type	Qty.	Order No.
	ZPS 2.5/1AN/QV 6	25	1865940000

## Accessories – WeiCoS pluggable modular terminals

### Mounting set – coupling

#### The new options

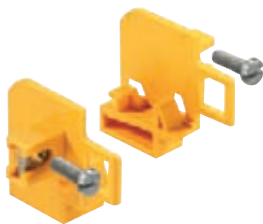
Although a separate coupling is very useful (enabling a connection to be disconnected at any point), users not always want them to be quite so readily separable.

Therefore, we have devised the following fixing variations for separate couplings:

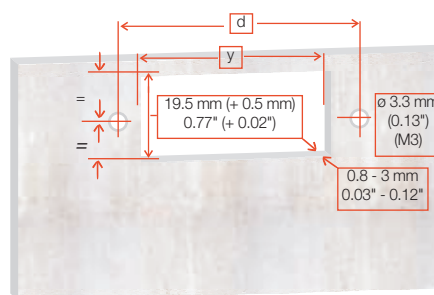
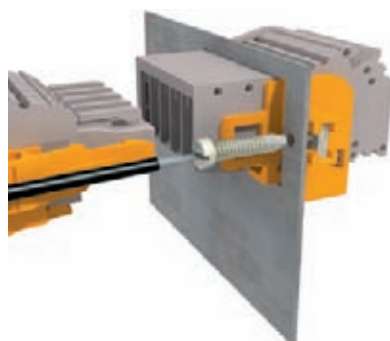
- Screws for fixing to a mounting plate or enclosure wall.
- Clips for fixing to a mounting plate or enclosure wall (in this version every pole can be provided with a clip if required).
- Clips for direct fixing to a terminal rail (TS 15 or TS 35).

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	1878600000



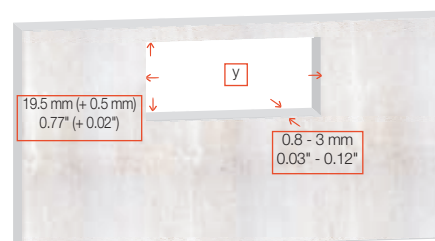
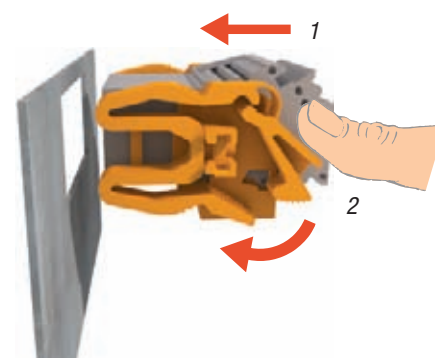
$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$

### Clipped through-wall fixing

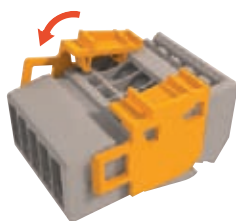


Type	Qty.	Order No.
ZVLA DF CL ZPS2.5	20	1878610000



$$y = n \times 5.1 \text{ mm} + 17.5 \text{ mm} \quad y = n \times 0.25" + 0.69"$$

### WeiCoS



**Plug-in connector system with an infinite number of combinations – but always with the same fitting method.**

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	1.09
3-pole	32.8	1.29
4-pole	37.9	1.49
5-pole	43.0	1.69
6-pole	48.1	1.89
7-pole	53.2	2.09
8-pole	58.3	2.29
9-pole	63.4	2.49
10-pole	68.5	2.69
11-pole	73.6	2.90
12-pole	78.7	3.10
13-pole	83.8	3.30
14-pole	88.9	3.50
15-pole	94.0	3.70
16-pole	99.1	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

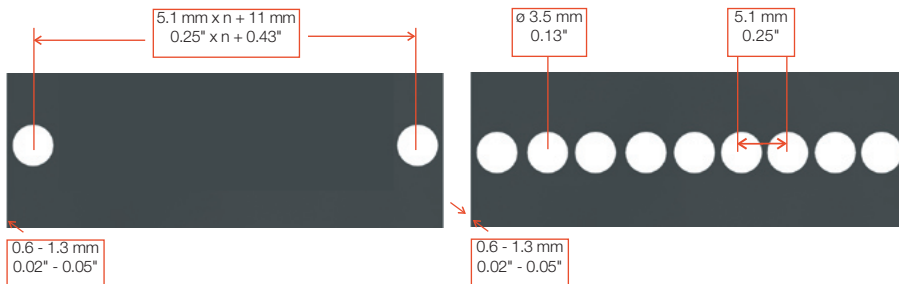
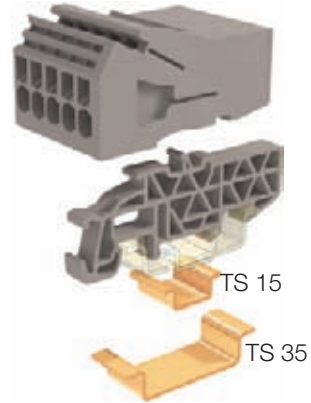


Plug support prevents buckling of the connection

Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000

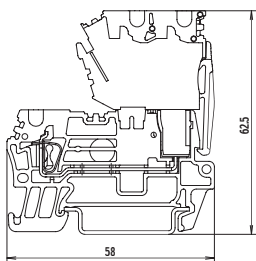
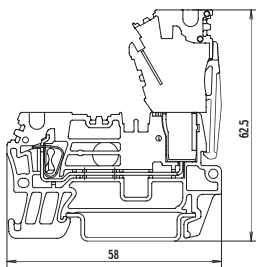
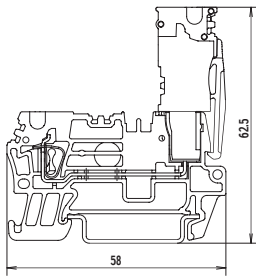
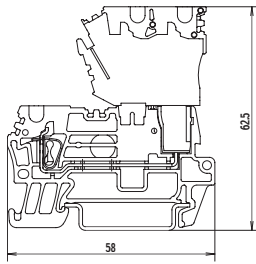
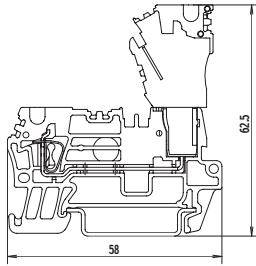
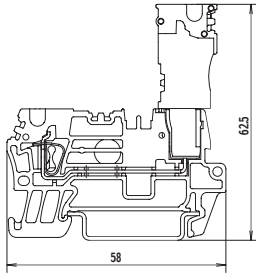
Plug support prevents buckling of the connection

Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000

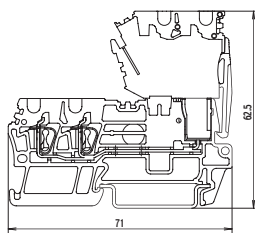
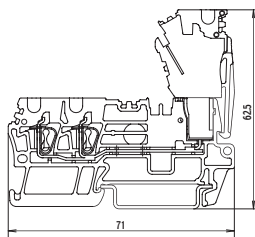
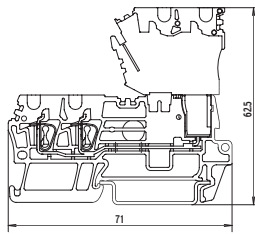
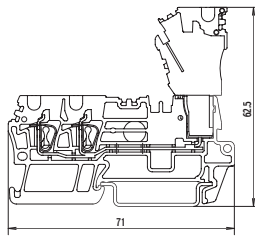


Accessories – WeiCoS – Plug-in combinations

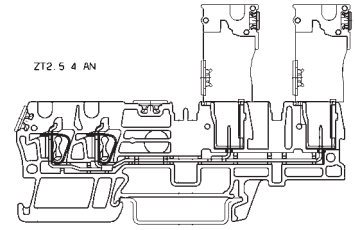
ZT 2.5/2AN/1



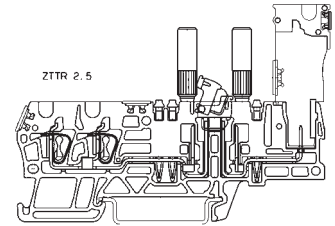
ZT 2.5/3AN/1



ZTTR 2.5/3AN/1



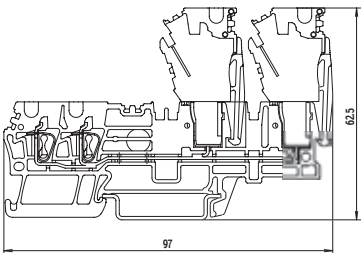
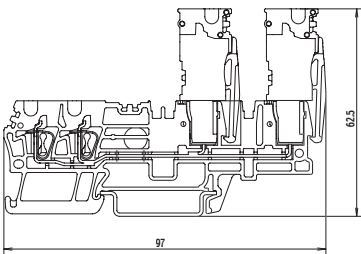
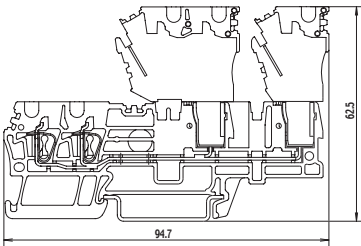
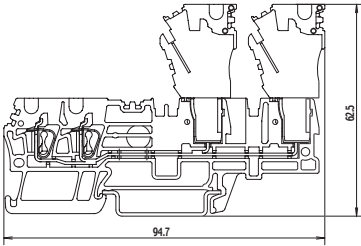
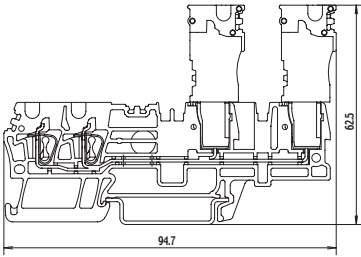
ZT2.5 4 AN



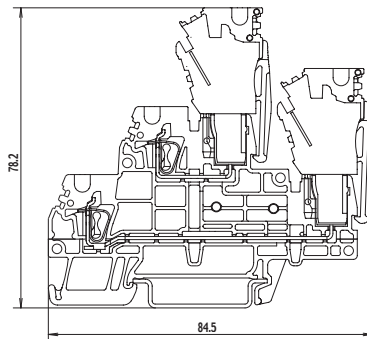
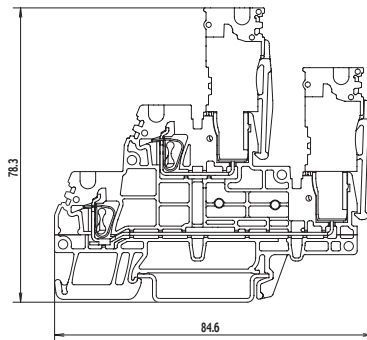
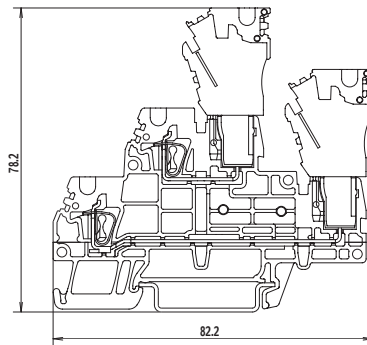
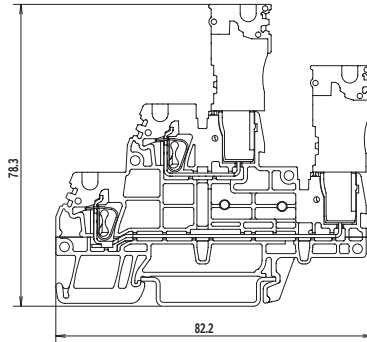
ZTTR 2.5

A connector alignment:  
the ZTTR can be combined with ZTPE 2.5.

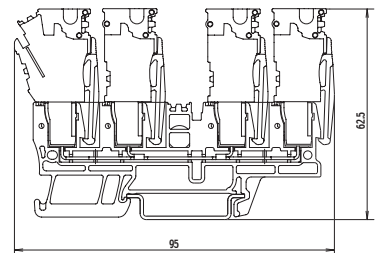
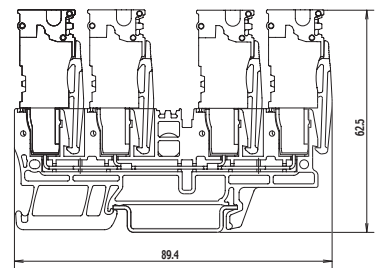
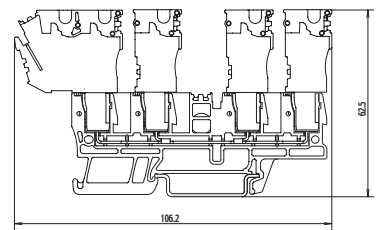
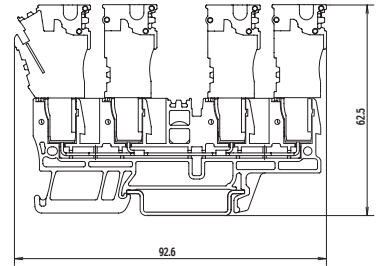
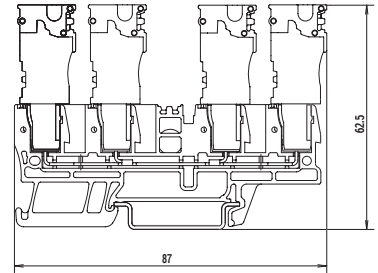
ZT 2.5/4AN/2



ZTD 2.5/2



ZT 2.5/4AN/4



## Accessories - Testing / checking

## Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm
flexible / Flexible with ferrule	
Ordering data	
	1-pole
	With snap-in pegs

## ZTA 1

For terminal width 5.1 mm



Width / Length / Height	mm	5.1 / 31.5 / 99.10
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	9
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000
For terminal:		
ZDU 2.5 ...		
ZTR 2.5 ...		
ZSI 2.5 ...		
ZSI 2.5/2		

## ZTA 2

For terminal width 6.1 mm



Width / Length / Height	mm	6.1 / 31.5 / 103.50
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	9
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000
For terminal:		
ZDU 4 ...		

## ZTA 3

For terminal width 8.1 mm



Width / Length / Height	mm	8.1 / 31.5 / 105.50
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	9
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 3 ZDU6	25	1654050000
For terminal:		
ZDU 6 ...		

## Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm
flexible / Flexible with ferrule	
Ordering data	
	1-pole
	With snap-in pegs

## ZTA 6

For terminal width 6.1 mm



Width / Length / Height	mm	6.1 / 31.5 / 73.50
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	17.5
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.75...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 6/ZA	25	1780660000
For terminal:		
ZDU 4-2 ...		

## ZTA 7

For terminal width 8.1 mm



Width / Length / Height	mm	8.1 / 31.5 / 73.50
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	9
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 7/ZA	25	1780670000
For terminal:		
ZDU 6-2 ...		

## ZTA ZT2.5

For terminal width 5.1 mm



Width / Length / Height	mm	5.1 / 20 / 50.50
Stripping length	mm	10
Rated data		
Rated voltage	V	250
Rated current	A	17.5
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA ZT2.5	25	1827080000
ZTA ZT2.5/ZA	25	1847600000
For terminal:		

### ZTA 4

For terminal width 5.1 mm



5.1 / 31 /	69.00
10	
250	
11	
1.5	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty	Order No.
ZTA 4	25	1688110000

**For terminal:**  
ZDK 2.5 ...  
ZTR 2.5/4 AN ...

### ZTA 5

For terminal width 3.5 mm



3.5 / 20 /	54.00
10	
200	
13.5	
1	
0.5...1	
0.5...1 / 0.5...1	

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

**For terminal:**  
ZDU 1.5 ...  
ZDK 1.5 ...

### Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

<b>Technical data</b>	
current / current	-
<b>Ordering data</b>	Test plug

### PS

Plug diameter 2.0 mm



Type	Qty	Order No.
PS 2.0 OR	20	0293800000

**For terminal:**  
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 RT

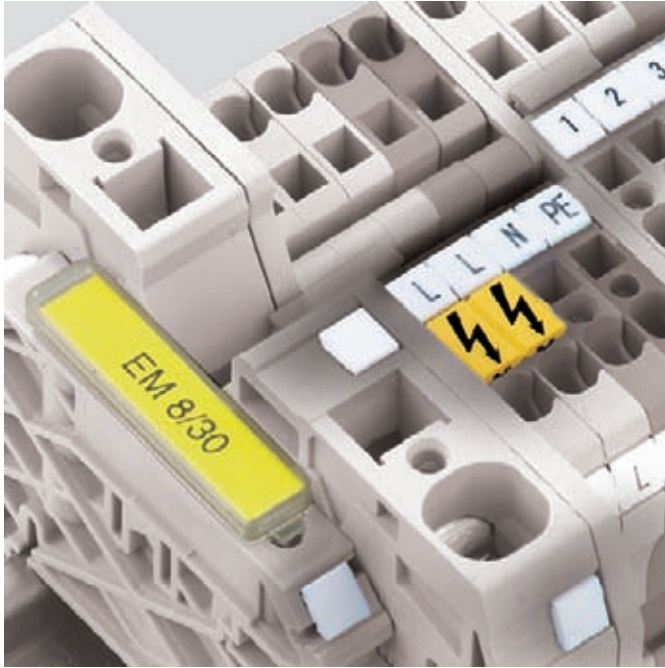
Plug diameter 2.3 mm



Type	Qty	Order No.
PS 2.3 RT	20	0180400000

**For terminal:**  
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

## Cover



The VDE standards call for power connection terminals to be covered.

For this purpose, Weidmüller can supply yellow warning **ZAD** covers with the „lightning flash“ symbol.

The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

**Tool**

The fully-insulated **ZBW1** to **ZBW6** and ZBWW tools are used for opening 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup> terminal points. They can be used to simultaneously open multiple terminal points.

The ZBWW tools, with its angled bit, makes it possible conveniently connect terminals in a confined space.

The plastic tools increase safety when working on facilities during operation.

## Cover

Type	Colour	Qty	Order No.	For terminal:
<b>Width</b>				
ZAD 7/4		20	1781940000	ZDK 1.5 ZDK 1.5 BL ZDK 1.5DU-PE ZDK 1.5V ZDK 1.5V BL ZDU 1.5 ZDU 1.5 2X2AN ZDU 1.5 2X2AN BL ZDU 1.5 BL ZDU 1.5/3 AN ZDU 1.5/3 AN/BL ZDU 1.5/4 AN ZDU 1.5/4 AN/BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL
<b>Width</b>				
ZAD 1/4		20	1609110000	ZDK 4-2 ZDU 2.5 BL ZDU 2.5/2X2AN ZDU 2.5/2X2AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 2.5/2X2AN/LD+ ZDU 2.5/2X2AN/LD- ZDU 2.5/3AN ZDU 2.5/3AN BL ZDU 2.5/4AN ZDK 4-2 BL ZDU 2.5/4AN BL ZDU 4-2/2AN ZDU 4-2/2AN BL ZDU 4-2/3AN ZDU 4-2/3AN BL ZDU 4-2/3AN LSC ZDU 4-2/4AN ZDU 4-2/4AN BL ZDUA 2.5-2N ZDUA 2.5-2N BL ZDK 4-2 PE ZEI 16 ZEI 16 BL ZPE 4-2/4AN ZPEA 2.5-2N ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2 ZSI 6-2 2X2.5/G20 ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZDK 4-2 V ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZTR 2.5/4AN ZTR 2.5/4AN BL ZTR 2.5/4AN/O TNHE ZDK 4-2/D forward ZDK 4-2/D reverse ZDK 4-2/DU-PE ZDK 4-2/N/L ZDU 2.5

Cover

Type Width	Colour	Qty	Order No.	For terminal:
ZAD 1/4-2 GE		20	1764560000	ZDK 2.5-2 ZDK 2.5-2 BL ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE ZDU 2.5-2 ZDU 2.5-2 BL ZDU 2.5-2/3AN ZDU 2.5-2/3AN BL ZDU 2.5-2/4AN ZDU 2.5-2/4AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL ZTR 2.5-2 ZTR 2.5-2 BL ZTR 2.5-2/O.TNHE
<b>Width</b>				
ZAD 2/4		20	1609080000	ZDU 2.5/2X2AN/D+ ZEI 16 BL ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2 ZSI 6-2 2X2.5/G20 ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZSI 6-2/FC ZDU 2.5/2X2AN/D- ZSI 6-2/FC LD ZDU 4 ZDU 4 BL ZDU 4/3AN ZDU 4/3AN BL ZDU 4/4AN ZDU 4/4AN BL ZEI 16
<b>Width</b>				
ZAD 3/4		20	1609120000	ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 6 ZDU 6 BL ZDU 6/3AN ZDU 6/3AN BL ZEI 16 ZEI 16 BL ZEI 6
<b>Width</b>				
ZAD 4/5		20	1746730000	ZDU 10 ZDU 10 BL ZDU 10/3AN ZDU 10/3AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL
<b>Width</b>				
ZAD 5/5		20	1745210000	ZDU 16 ZEI 16-2/1AN BL ZDU 16 BL ZDU 16/3AN ZDU 16/3AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL ZEI 16-2/1AN

Cover

Type Width	Colour	Qty	Order No.	For terminal:
ZAD 6/5		20	1752620000	ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 35 ZDU 35 BL ZEI 16 ZEI 16 BL

Operating tool

Type Width	Colour	Qty	Order No.	For terminal:
ZBW 1/3.5		1	1781930000	ZDK 1.5DU-PE ZDK 2.5-2 ZDK 2.5-2 BL ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE
<b>Width</b>				
ZBW 1		1	1669620000	ZDK 2.5-2
ZBW 2		1	1650670000	ZDK 2.5-2 BL
ZBW 3		1	1650680000	ZDK 2.5-2 PE
ZBW 4		1	1650690000	ZDK 2.5V
ZBW-6		1	1650700000	ZDK 2.5V BL
ZBWW		1	1669630000	ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE

## Accessories - Other functions

## Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point. Packaged in sets of 100 x 10-pole strips

## Technical data

Product type

## Ordering data

0,13...0,2 mm <sup>2</sup> , white
0,25...0,5 mm <sup>2</sup> , grey
0,75...1,0 mm <sup>2</sup> , dark grey

## ZRH 1.5 S



Reducing sleeve

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

## For terminal:

ZDU 1.5/...  
ZPE 1.5/...

## ZRH 1.5 H



Reducing sleeve

Type	Qty	Order No.
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

## For terminal:

ZDK 2.5... ZDLD 2.5-2...  
ZDK 2.5 PE ZDU 2.5-2/...  
ZDTR 2.5 ZPE 2.5-2/...  
ZTR 2.5-2...

## ZRH 1.5N



Reducing sleeve

Type	Qty	Order No.
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000
ZRH 1.5N/3	1000	1632120000

## For terminal:

ZRV 1.5  
ZRV 1.5 PEZVL 1.5  
ZIA 1.5/3 L ...  
ZIA 1.5/4 L ...

## ZRH 2.5



Reducing sleeve

Type	Qty	Order No.
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/3	1000	1614280000

## For terminal:

ZDU 2.5/...  
ZTR 2.5/...

## ZRH 4



Reducing sleeve

Type	Qty	Order No.
ZRH 4/1 WS	1000	1636640000
ZRH 4/2	1000	1636650000
ZRH 4/3	1000	1636660000

## For terminal:

ZDU 4/...  
ZPE 4/...

## Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

## Technical data

Product type

## Ordering data

One-sided, without peg
One-sided, with peg
Two-sided without pin
Two-sided, with pin

## BZT 1/BZT 2



Marker holder

Type	Qty	Order No.
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000
BZT 2 ZA WS 10/5	100	1805530000

## For terminal:

ZDU 2.5/...  
ZDU 4/...  
ZDU 6/...  
ZDU A 2.5/...

### Additional connection

The contact element is placed in the cross-section channel and the latch clip in the screwdriver channel. It should then be pressed down until the end stop. The pitch spacing is 6 mm. Therefore only every other terminal can be occupied.

### ZZA 2.5



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage	kV
Pollution severity	
Ordering data	
With snap-in pegs	

6.1 / 21 / (50)		
400		
17.5		
2.5		
6		
3		
Type	Qty	Order No.
ZZA 2.5/ZA	50	1649350000
ZZA 2.5	50	1646690000
For terminal:		
ZDU 2.5		
ZDU 2.5/3 AN		
ZDU 2.5/4 AN		
ZTR 2.5		
ZTR 2.5/3 AN		

### Component plug

The component plug is used for fitting electronic components. If needed, the BZS 1 can be snapped on to the upper or lower cross-connection channel on the ZDK 2.5 tension-clamp terminals.

### ZBS



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated voltage with LED	
Rated current	A
Rated current with LED	
Rated impulse voltage	kV
Pollution severity	
Ordering data	
For holding 2 LEDs	

10 / 22.3 / 48		
250		
30 V		
6		
1 A		
4		
3		
Type	Qty	Order No.
ZBS1 SET	10	1764540000
ZBS1 F.D SET	10	1764550000
For terminal:		
ZDK 2.5		

### Busbar holder

The ZST group carrier is used for temporary „parking“ of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

### ZST



Dimensions	
Width / Length / Height	mm
Ordering data	

10 / 61.1 / 27.5		
Type	Qty	Order No.
ZST	10	1678680000
For terminal:		

### Shield conductor

The shielding braid from the stripped control cables is soldered to the ZDUS or crimped on with 2.8 x 0.8 mm cable-lug sleeves. The ZDUS can be installed along side of the ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZTR 2.5.

### ZDUS

#### Shield conductor - connection terminals



Dimensions	
Width / Length / Height	mm
Ordering data	

4.8 / 83.5 / 33.5		
Type	Qty	Order No.
ZDUS	20	1676640000
For terminal:		

**Accessories – other functions**

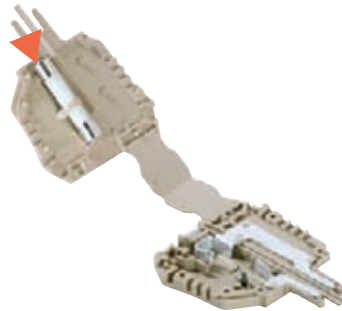
**SIHA fuse holder**



1. Open fuse holder with fingers or screwdriver



2. Press out old fuse



3. Position new fuse



4. Press fuse holder together again.

**D**

**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



**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 test-disconnect terminals versions	
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...



ZSI 2.5/ 5 x 25
ZSI 6-2 2 x 2.5/G25...
ZSI 2.5 2 x 2 AN/G25...



ZSI 2.5/2
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Technical data / Ordering data

G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI <sup>1)</sup> )					
Size (mm)	Nom. current (A)	Type		Qty.	Order No.
5 x 20	0.1	(F)	G 20/0.10A/F	10	0430300000
	0.2	(F)	G 20/0.20A/F	10	0430400000
breaking capacity 1500 A	0.25	(F)	G 20/0.25A/F	10	0430500000
(at 250 V, 50 Hz, cos φ 0,7)	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

G-type cartridge fuses 5 x 25 with indicators to DIN 41576 <sup>1)</sup> )					
Size (mm)	Nom. current (A)	Type		Qty.	Order No.
5 x 25 w. ind. <sup>1)</sup>	0.25	(M)	G 25/0.25A/M	10	0546900000
breaking capacity 80 A	0.5	(M)	G 25/0.50A/M	10	0510300000
(at 250 V, 50 Hz, cos : = 1	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

Cartridge fuses 1 1/4" x 1/4" without indicators to BS 88					
Size (mm)	Nom. current (A)	Type		Qty.	Order No.
333 kA break. cap., 33 kA fast-blow	0.5		GZ 0.5A/F	10	0533800000
E 0.5 A	1		GZ 1.0A/F	10	0525500000
E 1 A	2		GZ 2.0A	10	0294500000
E 2 A	3		GZ 3.0A	10	0295700000
E 3 A	5		GZ 5.0A	10	0294600000
E 5 A	7		GZ 7.0A	10	0295800000
E 7 A	10		GZ 10.0A	10	0293900000
E 10 A	12.5		GZ 12.5A FF	10	0245400000

(M) = medium-blow (F) = fast-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.

## Accessories – other functions

## 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		Average	Nom. current (A)	Type	Qty.	Order No.
Rated voltage max. (V)	voltage drop (mV)					
32	300	0.5*	C 0,5 A/32 V BL	100	1814720000	
32	130	1	C 1 A/32 V SW	100	1814730000	
32	120	2	C 2 A/32 V GR	100	1814740000	
32	100	3	C 3 A/32 V VI	100	1814750000	
32	100	4	C 4 A/32 V RS	100	1814760000	
32	120	5	C 5 A/32 V HBR	100	1814770000	
32	112	7.5	C 7,5 A/32 V BR	100	1814780000	
32	85	10	C 10 A/32 V RT	100	1814790000	
32	85	15	C 15 A/32 V HBL	100	1814800000	
32	80	20	C 23 A/32 V GE	100	1814810000	
32	82	25	C 25 A/32 V NA/WS	100	1814820000	
32	77	30	C 30 A/32 V HGN	100	1814830000	
32	84	35*	C 35 A/32 V GN	100	1814840000	
32	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 % IN 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 % IN
- <sup>3)</sup> Use the largest possible conductor cross-section in order to dissipate the very high thermal losses of the fuse.

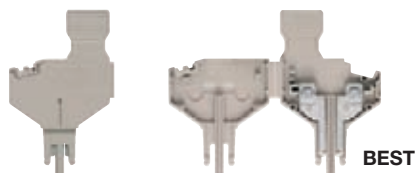
## Component isolating plugs

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)

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

TR 2.5...

ZTR 2.5-2

ZDL 2.5/TR

ZDL 2.5/SI

## Isolating plug

Isolating plug



## Ordering data

Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000

## for terminal type

ZTR 2.5...

ZTR 2.5-2

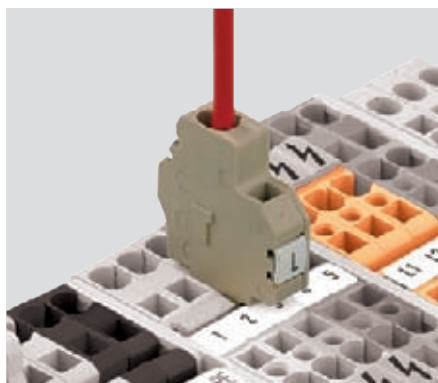
ZDL 2.5/TR

ZDL 2.5/SI



## Accessories – other functions and colours

## Colour range



The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

D

				1.5 mm <sup>2</sup>
	Colour	Qty.	Order No.	
<b>ZDU 1.5</b>				
ZDU 1.5 OR	orange	100	177550000	
<b>ZDU 1.5/3AN</b>				
ZDU 1.5/3AN OR	orange	100	177550000	
<b>ZDU 1.5/4AN</b>				
ZDU 1.5/4AN OR	orange	100	177561000	

				2.5 mm <sup>2</sup>
	Colour	Qty.	Order No.	
<b>ZDU 2.5</b>				
ZDU 2.5 BR	brown	100	168330000	
ZDU 2.5 GE	yellow	100	168327000	
ZDU 2.5 GE/GN	yellow/green	100	169878000	
ZDU 2.5 GN	green	100	168328000	
ZDU 2.5 GR	grey	100	168331000	
ZDU 2.5 OR	orange	100	163678000	
ZDU 2.5 RT	red	100	168326000	
ZDU 2.5 SW	black	100	168333000	
ZDU 2.5 VI	violet	100	168329000	
ZDU 2.5 WS	white	100	168332000	
<b>ZDU 2.5/3AN</b>				
ZDU 2.5/3AN GE	yellow	100	168335000	
ZDU 2.5/3AN GE/GN	yellow/green	100	169879000	
ZDU 2.5/3AN GN	green	100	168336000	
ZDU 2.5/3AN GR	grey	100	168339000	
ZDU 2.5/3AN OR	orange	100	163679000	
ZDU 2.5/3AN RT	red	100	168334000	
ZDU 2.5/3AN SW	black	100	168341000	
ZDU 2.5/3AN WS	white	100	168340000	
<b>ZDU 2.5/4AN</b>				
ZDU 2.5/4AN BR	brown	100	168346000	
ZDU 2.5/4AN GE	yellow	100	168343000	
ZDU 2.5/4AN GE/GN	yellow/green	100	169224000	
ZDU 2.5/4AN GN	green	100	168344000	
ZDU 2.5/4AN GR	grey	100	168347000	
ZDU 2.5/4AN OR	orange	100	163680000	
ZDU 2.5/4AN RT	red	100	168342000	
ZDU 2.5/4AN SW	black	100	168349000	
ZDU 2.5/4AN WS	white	100	168348000	
<b>ZDU 2.5 2X2AN</b>				
ZDU 2.5/2X2AN			160860000	
<b>ZDU 2.5-2</b>				
ZDU 2.5-2 OR	orange	100	177208000	
<b>ZDU 2.5-2/3AN</b>				
ZDU 2.5-2/3AN OR	orange	100	170605000	
<b>ZDU 2.5-2/4AN</b>				
ZDU 2.5-2/4AN OR	orange	100	170608000	
<b>ZTR 2.5</b>				
ZTR 2.5 OR	orange	100	873168000	
<b>ZTR 2.5/3AN</b>				
ZTR 2.5/3AN OR	orange	50	873169000	
<b>ZTR 2.5/4AN</b>				
ZTR 2.5/4AN OR	orange	100	792094000	
<b>ZTR 2.5-2</b>				
ZTR 2.5-2 OR	orange	100	177913000	
<b>ZDK 2.5</b>				
ZDK 2.5 OR	orange	50	169414000	
<b>ZDK 2.5-2</b>				
ZDK 2.5-2 OR	orange	50	183126000	

Mini terminals

4 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDU 4</b>			
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>			
	Colour	Qty.	Order No.
<b>ZDU 6</b>			
ZDU 6 GE/GN	yellow/green	50	1698800000
ZDU 6 OR	orange	50	1636820000
ZDU 6 RT	red	50	1830420000
<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>			
	Colour	Qty.	Order No.
<b>ZDU 10</b>			
ZDU 10 OR	orange	25	1830610000

16 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDU 16</b>			
ZDU 16 OR	orange	25	1830680000

35 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDU 35</b>			
ZDU 35 OR	orange	10	1830760000

2.5 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDUA 2.5-2</b>			
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

