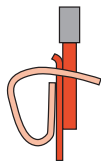


Terminals, Z-Series

Terminals, Z-Series	Overview Z-Series	D.2
	Feed-through terminals	D.4
	Modular PE terminals	D.22
	Double/Multi level terminals	D.38
	Test-disconnect terminals	D.52
	Fuse terminals	D.56
	Installation terminals	D.60
	Overview WeiCoS	D.68
	Pluggable standard terminals WeiCoS	D.70
	Modular distribution assembly system / Initiator and actuator terminals	D.90
	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



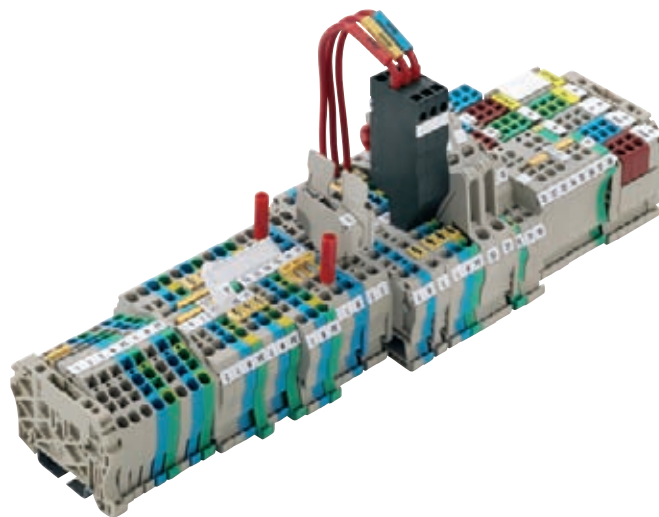
Modular terminals with tension clamp connections – the Z-Series – were specially designed to meet customers' requirements:

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.

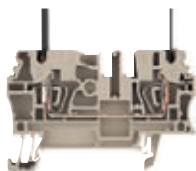
The plug-in standard cross-connections enable potentials to be distributed over any number of terminals.



Versions

Z-Standard

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



Z-Roof

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



Product overview

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

1 The connection

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

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



2 Plug-in cross-connections

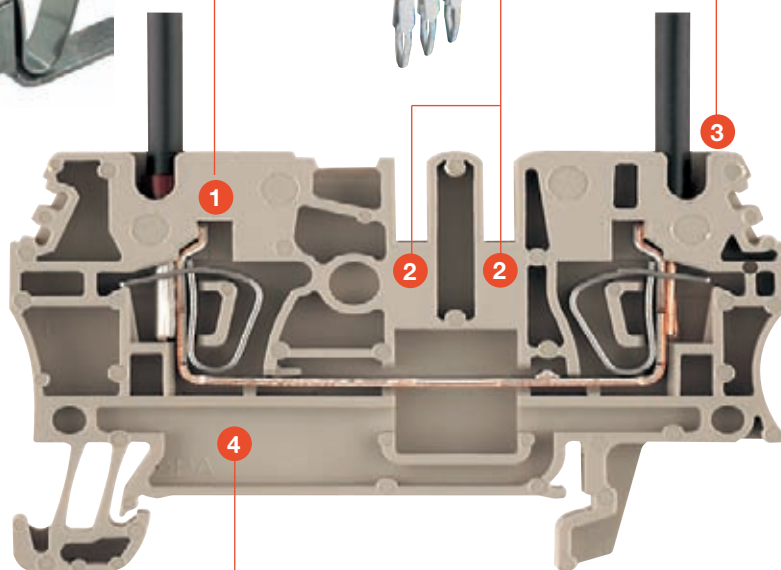
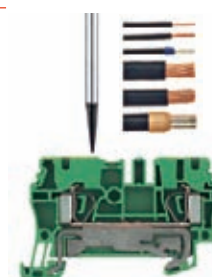
- 2- to 10-pole, or “continuous” for custom assemble.
- Full rated current
- Breakout poles for bypassing other connections.



3 Easy to use

Practical connection thanks to parallel insertion of conductor and screwdriver.

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



The Wemid insulating material

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

Clarity means reliability

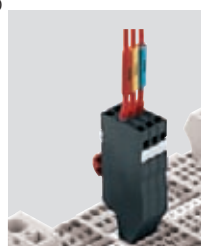
- Easy to use thanks to generous clamping space to IEC 60947-1
- Suitable for connecting conductors from 0.08 to 35 mm²
- For clamping one conductor per clamping point to IEC 60999

4 Reliable contact

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

Comprehensive accessories

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



Standards and directives

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

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



Feed-through terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

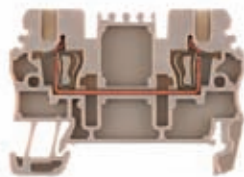
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm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



ZDU 1.5

1.5 mm²

Two connections



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



IEC 60947-7-1	Ex e ll	Ex	ll 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	100	1775480000
ZDU 1.5 BL	100	1775490000

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 ZDU1.5/2AN	2 mm	20	1776030000
ZAP/TW ZDU1.5/2AN BL	2 mm	20	1776040000
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
ZAD 7/4		20	1781940000

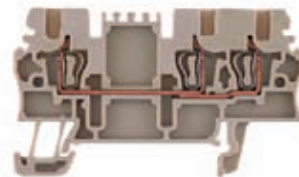
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

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

ZDU 1.5/3 AN

1.5 mm²

Three connections



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



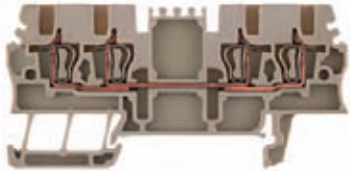
IEC 60947-7-1	Ex e ll	Ex	ll 2 G D
IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	15
1.5	AWG 30...14	AWG 26...14	1.5
6 / 3			
B1 / V-0			
KEMA 01ATEX2106 U			
Rated connection			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.4 x 2.0 mm			

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

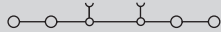
Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/3	17.5 A	60	1776130000
ZQV 1.5/4	17.5 A	60	1776140000
ZQV 1.5/10	17.5 A	20	1776200000
Width			
ZAP/TW ZDU1.5/3AN	2 mm	20	1776060000
ZAP/TW ZDU1.5/3AN BL	2 mm	20	1776070000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5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

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

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

ZDU 1.5/4 AN**1.5 mm²****Four connections**

3.5 x 75.5 x 37

17.5 / 1.5**0.05...1.5**

IEC 60947-7-1

Ex e II  II 2 G D

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

    KEMA 01ATEX2106 U
Rated connection

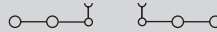
0.5...1.5

0.5...1.5 / 0.5...1.5

10 / 0.4 x 2.0 mm

ZDU 1.5 2x2AN**1.5 mm²****2 x 2 connections**

3.5 x 75.5 x 37

17.5 / 1.5**0.05...1.5**

IEC 60947-7-1

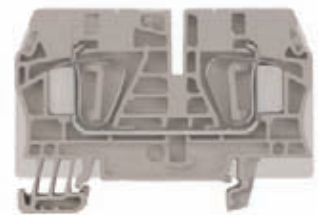
IEC	UL	CSA
500	300	300
17.5	15	20
1.5	AWG 30...14	AWG 26...14
6 / 3		
B1 / V-0		


Rated connection

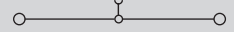
0.5...1.5

0.5...1.5 / 0.5...1.5

10 / 0.4 x 2.0 mm

ZEI 6**6 mm²****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.
ZDU 1.5/4AN	100	1775580000
ZDU 1.5/4AN BL	100	1775600000

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

Type	Qty	Order No.
ZEI 6	20	1791190000

End plate is integrated.

Type	current	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
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
ZAD 7/4		20	1781940000

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
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
ZAD 7/4		20	1781940000

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
SD 0.8x4.0x100		1	9008340000
ZAD 3/4		20	1609120000

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

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

DEK 8 / WS 12/6

The plug-in cross-connections ZQV 1.5/... can be used. 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 mm².

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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

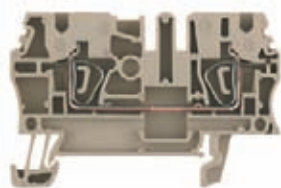
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²

Two connections



5.1 x 59.5 x 39.5	
31 / 4	
0.05...4	

IEC 60947-7-1	Ex e ll	Ex	ll 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	100	1608510000
ZDU 2.5 BL	100	1608520000
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/TW 1	2 mm	50	1608740000
ZAP/TW 1 BL	2 mm	50	1608750000
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

Marking systems	
	DEK 5/5 / WS 10/5

ZDU 2.5/3AN

2.5 mm²

Three connections



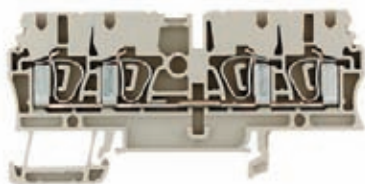
5.1 x 64.5 x 39.5	
31 / 4	
0.05...4	

IEC 60947-7-1	Ex e ll	Ex	ll 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			

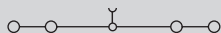
Type	Qty	Order No.
ZDU 2.5/3AN	100	1608540000
ZDU 2.5/3AN BL	100	1608550000
The rated voltage is reduced to 400 V when using the cross-connection.		

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/TW 2 DB	2 mm	50	1608770000
ZAP/TW 2 BL	2 mm	50	1608780000
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

Marking systems	
	DEK 5/5 / WS 10/5

ZDU 2.5/4AN**2.5 mm²****Four connections**

5.1 x 79.5 x 39.5

27 / 4**0.05...4**IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	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

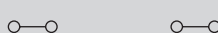
Type	Qty	Order No.
ZDU 2.5/4AN	100	1608570000
ZDU 2.5/4AN BL	100	1608580000

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 mm²****Two potentials feasible**

5.1 x 79.5 x 39.5

30 / 4**0.05...4**IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	25	27	21
2.5	AWG 30...12	AWG 26...12	2.5

8 / 3

A3 / V-0

 KEMA 97ATEX2521 U**Rated connection**

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.
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

Feed-through terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²

Two connections



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

IEC 60947-7-1	Ex e ll	Ex	ll 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	Qty	Order No.
ZDU 4	100	1632050000
ZDU 4 BL	100	1632060000

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			
	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
ZAD 2/4			
		20	1609080000

Marking systems	
	DEK 5/6 / WS 10/6

ZDU 4/3 AN

4 mm²

Three connections



6.1 x 83.5 x 43.5	
41 / 6	
0.13...6	

IEC 60947-7-1	Ex e ll	Ex	ll 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.			

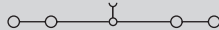
Type	Qty	Order No.
ZDU 4/3AN	50	7904180000
ZDU 4/3AN BL	50	7904190000

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			
	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
ZAD 2/4			
		20	1609080000

Marking systems	
	DEK 5/6 / WS 12/6

ZDU 4/4 AN**4 mm²****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

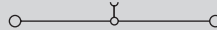
0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

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

ZDU 6**6 mm²****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

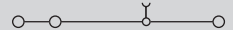
0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

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

ZDU 6/3 AN**6 mm²****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 4/4AN	50	7904290000
ZDU 4/4AN BL	50	7904300000

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

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

Type	current	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/TW4/4AN	2 mm	20	7904210000
ZAP/TW4/4AN BL	2 mm	20	7904220000
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
ZAD 2/4		20	1609080000

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
Width			
ZAP/TW 5	2 mm	50	1608830000
ZAP/TW 5 BL	2 mm	50	1608840000
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
SD 1.0x5.5x150		1	9008350000
ZAD 3/4		20	1609120000

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
Width			
ZAP/TW6/3AN	2 mm	20	7907370000
ZAP/TW6/3AN BL	2 mm	20	7907380000
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
SD 1.0x5.5x150		1	9008350000
ZAD 3/4		20	1609120000

DEK 5/6 / WS 12/6

DEK 5/8 / WS 12/6

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 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²

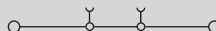
Two connections



10.1 x 73.5 x 50.5

72 / 16

1.31...16



IEC 60947-7-1		Ex e ll II 2 G D	
IEC	UL	CSA	EN 60079-7
1000	600	600	550
57	60	55	50
10	AWG 16...6	AWG 16...6	10
8 / 3			
A6 / V-0			
KEMA 99ATEX5514 U			
Rated connection			
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	1746750000
ZDU 10 BL	25	1746760000

Type	current	Qty	Order No.
ZQV 10/2	17.5 A	25	1739680000

Width	
ZAP/TW ZDU10	2.7 mm
ZAP/TW ZDU10 BL	2.7 mm

ZEW 35	6 mm	20	9540000000
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SD 1.0x5.5x150	1	9008350000
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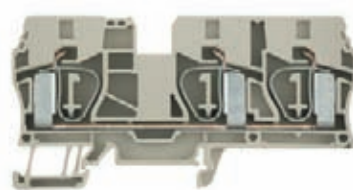
ZAD 4/5	20	1746730000
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DEK 5/5 / WS 12/5

ZDU 10/3AN

10 mm²

Three connections



10.1 x 99 x 50.5

57 / 16

1.31...16



IEC 60947-7-1		Ex e ll II 2 G D	
IEC	UL	CSA	EN 60079-7
800	600	600	550
57	60	55	50
10	AWG 16...6	AWG 16...6	10
8 / 3			
A6 / V-0			
KEMA 00ATEX2107 U			
Rated connection			
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	1767690000
ZDU 10/3AN BL	20	1767700000

Type	current	Qty	Order No.
ZQV 10/2	17.5 A	25	1739680000

Width	
ZAP/TW 10/16	3 mm
ZAP/TW 10/16 BL	3 mm

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

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

ZAD 4/5	20	1746730000
---------	----	------------

DEK 5/5 / WS 12/5

Feed-through terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 mm² / AWG 20
For conductors < 1,0 mm² / 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 mm²

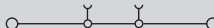
Two connections



16 x 100.5 x 59

125 / 35

2.5...35



IEC 60947-7-1

Ex e ll



ll 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
125	120	120	109
35	AWG 12...2	AWG 12...2	35
8 / 3			
A8 / V-0			

IEC 60947-7-1 Ex e ll ll 2 G D 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
Width			
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000
ZAD 6/5		20	1752620000

Feed-through terminals

Roof-style

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

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18
Cover	
	With lightning flash symbol

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

ZDU 2.5-2

2.5 mm²

Two connections



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

IEC 60947-7-1	Ex e ll	Ex	ll 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	24	24	21
2.5	AWG 26...12	AWG 30...12	2.5
8 / 3			
A2 / V-0			
KEMA 97ATEX4677 U			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² 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 mm²

Three connections



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

IEC 60947-7-1	Ex e ll	Ex	ll 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 ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

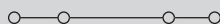
Type	Qty	Order No.
ZDU 2.5-2/3AN	100	1706010000
ZDU 2.5-2/3AN BL	100	1706040000
The rated voltage is reduced to 400 V when using the cross-connection.		

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 mm²****Four connections**

5.1 x 50.5 x 44

24 / 4**0.13...4**IEC 60947-7-1 Ex e II  II 2 G D

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

 KEMA 97ATEX4677 U**Rated connection**

0.5...4

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZDU 2.5-2/4AN	100	1706060000
ZDU 2.5-2/4AN BL	100	1706070000
When using the ZQB 2.5 the conductor cross-section is reduced to 1.5 mm ² , solid and flexible.		

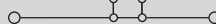
Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZAP/TW7 BL	2.5 mm	50	1706120000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	5.1 mm	25	1688110000
SD 0.6x3.5x100			
		1	9008330000
ZRH 1.5H/1			
		1000	1678810000
ZRH 1.5H/2			
		1000	1678800000
ZAD 1/4-2 GE			
		20	1764560000

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 mm²****Two connections**

6.1 x 61.5 x 46

32 / 6**0.13...6**IEC 60947-7-1 Ex e II  II 2 G D

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

 KEMA 97ATEX4677 U**Rated connection**

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	1770370000
ZDU 4-2/2AN BL	100	1770840000
The rated voltage is reduced to 400 V when using the cross-connection.		

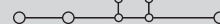
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP ZDU4-2	2 mm	50	1770400000
ZAP ZDU4-2 BL	2 mm	50	1770880000
ZEW 35			
	6 mm	20	9540000000
ZTA 6/ZA			
	6.1 mm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

DEK 5/6 / 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 mm²****Three connections**

6.1 x 61.5 x 46

38 / 6**0.13...6**IEC 60947-7-1 Ex e II  II 2 G D

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

 KEMA 97ATEX4677 U**Rated connection**

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDU 4-2/3AN	100	1770360000
ZDU 4-2/3AN BL	100	1770860000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	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 ZDU4-2	2 mm	50	1770400000
ZAP ZDU4-2 BL	2 mm	50	1770880000
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

WS 12/6

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

Feed-through terminals

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²

Three connections



6.1 x 61.5 x 46

38 / 6

0.13...6



IEC 60947-7-1		Ex e II		II 2 G D
IEC	UL	CSA	EN 60079-7	
800	600	600	550	
32	33	35	28	
4	AWG 26...10	AWG 26...10	4	
8 / 3				
A3 / V-0				
KEMA 97ATEX4677 U				
Rated connection				
0.5...6				
0.5...4 / 0.5...4				
10 / 0.6 x 3.5 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	1790520000
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	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 ZDU4-2	2 mm	50	1770400000
ZAP ZDU4-2 BL	2 mm	50	1770880000
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

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

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 mm²

Four connections



6.1 x 75.1 x 46

32 / 6

0.13...6



IEC 60947-7-1		Ex e ll			ll 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	1806980000
ZDU 4-2/4AN BL	100	1806990000
The rated voltage is reduced to 400 V when using the cross-connection.		

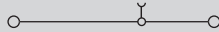
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP ZDU4-2/4AN	2 mm	50	1807010000
ZAP ZDU4-2/4AN BL	2 mm	50	1807020000
ZEW 35			
	6 mm	20	9540000000
ZTA 6/ZA			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

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

DEK 5/6 / WS 12/6

ZDU 6-2/2AN**6 mm²****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			

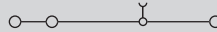
KEMA 97ATEX4677 U

Rated connection

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

ZDU 6-2/3AN**6 mm²****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			

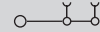
KEMA 97ATEX4677 U

Rated connection

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

ZEI 16-2 /1 AN**16 mm²****Supply terminal**

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



IEC 60947-7-1

IEC	UL	CSA
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.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	Qty	Order No.
ZDU 6-2/3AN	50	1771410000
ZDU 6-2/3AN BL	50	1771420000
The rated voltage is reduced to 400 V when using the cross-connection.		

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

Type	current	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
Width			
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

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
Width			
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

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
Width			
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

DEK 5/8

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18
Cover	
	With lightning flash symbol

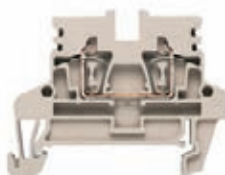
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZDU 2.5N

2.5 mm²

2 connections

n



5.1 x 50.5 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 mm² 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			
	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
ZAD 9/4			
		20	1934160000

DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

ZDU 2.5N/3AN

2.5 mm²

3 connections

n



5.1 x 56.5 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

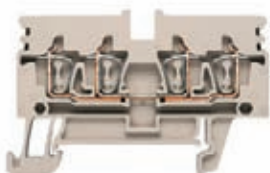
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDU 2.5N/3AN	50	1933720000
ZDU 2.5N/3AN BL	50	1933730000

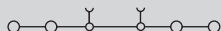
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
ZEW 35			
	6 mm	20	9540000000
ZTA ZT2.5			
	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1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

DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

ZDU 2.5N/4AN**2.5 mm²****4 connections****n**

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 mm² 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	1933740000
ZDU 2.5N/4AN BL	50	1933750000

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	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
ZAD 9/4		20	1934160000

DEK 5/5 / WS 10/5

2.5 mm² 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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

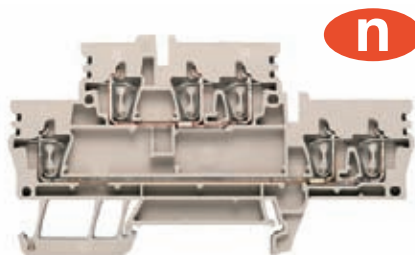
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18
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 mm²

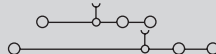
Double-level terminal



5.1 x 93 x 51.5

24 / 4

0.05...4



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

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

Type	Qty	Order No.
ZDK 2.5/3AN	50	1924510000
ZDK 2.5/3AN BL	50	1924500000
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	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 ZDK 2.5/3AN	2 mm	20	1924910000
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
ZAD 9/4			
		20	1934160000

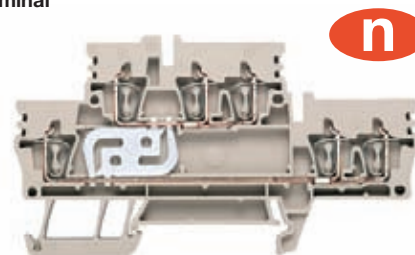
Snap Mark / DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

ZDK 2.5/3AN V

2.5 mm²

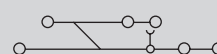
Vertical cross-connected double-level terminal



5.1 x 93 x 51.5

24 / 4

0.05...4



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

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

Type	Qty	Order No.
ZDK 2.5/3AN V	50	1924490000
ZDK 2.5/3AN V BL	50	1924480000

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 ZDK 2.5/3AN	2 mm	20	1924910000
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
ZAD 9/4			
		20	1934160000

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

2.5 mm² 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 mm².

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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version	
	green/yellow Wemid
Note	

Accessories

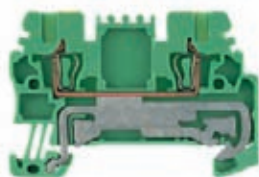
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18

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 mm²

Two connections



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



IEC 60947-7-2	Ex e ll	Ex	ll 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

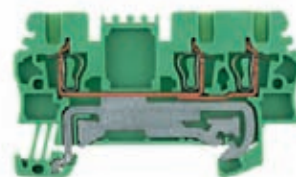
Type	Width	Qty	Order No.
ZAP/TW ZDU1.5/2AN	2 mm	20	1776030000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

Marking systems	
	DEK 5/5 / WS 12/3,5

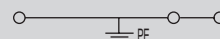
ZPE 1.5/3AN

1.5 mm²

Three connections



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

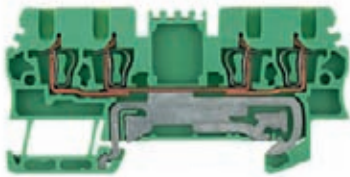


IEC 60947-7-2	Ex e ll	Ex	ll 2 G D
IEC	UL	CSA	EN 60079-7
1.5	AWG 30...14	AWG 26...14	1.5
500			
6			
	3		
	B1 / V-0		
KEMA 01ATEX2106 U			
Rated connection			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.4 x 2.0 mm			

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

Marking systems	
	DEK 5/5 / WS 12/3,5

ZPE 1.5/4AN**1.5 mm²****Four connections**

3.5 x 75.5 x 37

/ 1.5**0.05...1.5**IEC 60947-7-2 Ex e II  II 2 G D

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

KEMA 01ATEX2106 U

Rated connection

0.5...1.5

0.5...1.5 / 0.5...1.5

10 / 0.4 x 2.0 mm

ZPE 2.5**2.5 mm²****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

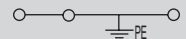
0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

ZPE 2.5/3AN**2.5 mm²****Three connections**

5.1 x 64.5 x 39.5

/ 4**0.05...4**IEC 60947-7-2 Ex e II  II 2 G D

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

KEMA 97ATEX2521 U

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZPE 2.5	100	1608640000

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

Type	Width	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

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

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 12/3,5

DEK 5/5 / WS 10/5

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 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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	Standard With assembly peg
Screwdriver	Standard
Reducing sleeves	For conductors < 0,5 mm ² / AWG 20 For conductors < 1,0 mm ² / 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 mm²

Four connections



5.1 x 79.5 x 39.5

/ 4
0.05...4


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

Note

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

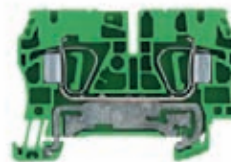
Type	Width	Qty	Order No.
ZAP/TW 3	2 mm	50	1608800000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000

Marking systems	DEK 5/5 / WS 10/5
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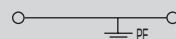
ZPE 4

4 mm²

Two connections



6.1 x 64 x 43.5

/ 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		
	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

Note

Type	Qty	Order No.
ZPE 4	100	1632080000

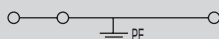
Type	Width	Qty	Order No.
ZAP/TW 4	2 mm	50	1632090000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

Marking systems	DEK 5/6 / WS 12/6
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ZPE 4/3 AN**4 mm²****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

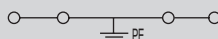
Type	Width	Qty	Order No.
ZAP/TW 4/3AN	2 mm	20	7904100000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

DEK 5/6 / WS 12/6

ZPE 4/4 AN**4 mm²****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 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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	Standard With assembly peg
Screwdriver	Standard
Reducing sleeves	For conductors < 0,5 mm ² / AWG 20 For conductors < 1,0 mm ² / 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 mm²

Two connections



8.1 x 65 x 45.5
/ 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 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	1608670000

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

DEK 5/8 / WS 12/6

ZPE 6/3 AN

6 mm²

Three connections



8.1 x 90 x 45.6
/ 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 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	7907400000

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

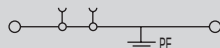
DEK 5/8 / WS 12/6

ZPE 10**10 mm²****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

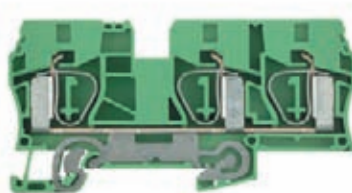
1.5...10 / 1.5...10

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

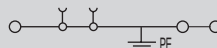
DEK 5/5 / WS 12/6

ZPE 10/3 AN**10 mm²****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 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18

Marking systems (see assortment in catalogue 7)

Marking tags

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

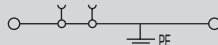
ZPE 16

16 mm²

Two connections



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



IEC 60947-7-2

Ex e ll

Ex ll 2 G D

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

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

DEK 5/5 / WS 15/5

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

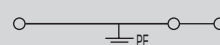
ZPE 16/3AN

16 mm²

Three connections



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



IEC 60947-7-2

Ex e ll

Ex ll 2 G D

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

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

DEK 5/5 / WS 15/5

ZPE 35

35 mm²

Two connections



16 x 100.5 x 60

/ 35

2.5...35

IEC 60947-7-2Ex 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 mm²

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20 For conductors < 1,0 mm ² / 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 mm²

Two 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		
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 ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Type	Qty	Order No.
ZPE 2.5-2	100	1772090000

Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	1706110000
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 14/5
-----------------	-------------------

ZPE 2.5-2/3AN

2.5 mm²

Three connections



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



IEC 60947-7-2	Ex e II	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		
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 ² 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	1706090000

Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	1706110000
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 / WS 14/5
-----------------	-----------------

ZPE 2.5-2/4AN**2.5 mm²****Four connections**

5.1 x 50.5 x 44

/ 4

0.13...4

IEC 60947-7-2

Ex e II II 2 G D

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

KEMA 97ATEX4677 U

Rated connection

0.5...4

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

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

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

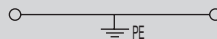
Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

ZPE 4-2/2AN**4 mm²****Two connections**

6.1 x 61.5 x 46

/ 6

0.13...6

IEC 60947-7-2

Ex e II II 2 G D

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

KEMA 97ATEX4677 U

Rated connection

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	1770380000

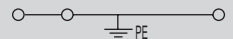
Type	Width	Qty	Order No.
ZAP ZDU4-2	2 mm	50	1770400000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

DEK 5/6 / WS 12/6

ZPE 4-2/3AN**4 mm²****Three connections**

6.1 x 61.5 x 46

/ 6

0.13...6

IEC 60947-7-2

Ex e II II 2 G D

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

KEMA 97ATEX4677 U

Rated connection

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	1770390000

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

Modular PE terminals

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²

Four connections



6.1 x 75 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		
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 mm²

Two connections



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

IEC 60947-7-2	Ex e II	Ex	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

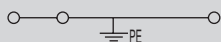
Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.6x3.5x100		1	9008330000

DEK 5/8

ZPE 6-2/3AN**6 mm²****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

ZPE 16-2/1AN**16 mm²****Supply terminal - PE**

12 x 65 x 51.5

/ 25

1.5...25

IEC 60947-7-2

IEC	UL	CSA
16	AWG 14...4	AWG 14...4
800		
8		
	1920 A (16 mm ²)	
	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 6-2/3AN	50	1771360000

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

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

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

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / 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 2.5N

2.5 mm²

2 connections



n

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 mm² 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

DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

ZPE 2.5N/3AN

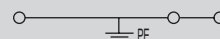
2.5 mm²

3 connections



n

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 mm² 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

DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

ZPE 2.5N/4AN

2.5 mm²

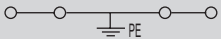
4 connections



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 mm² 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	1933780000

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

DEK 5/5 / WS 10/5

2.5 mm² 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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version	green/yellow Wemid
Note	

Accessories

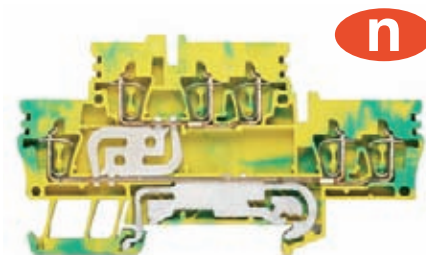
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18
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 mm²

Double-level terminal



5.1 x 93 x 51.5	
/ 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			
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 ² 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	1924470000

Type	Qty	Order No.
Width		
ZAP/TW ZDK 2.5/3AN	2 mm	20 1924910000
ZEW 35/2	8 mm	20 8630740000
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

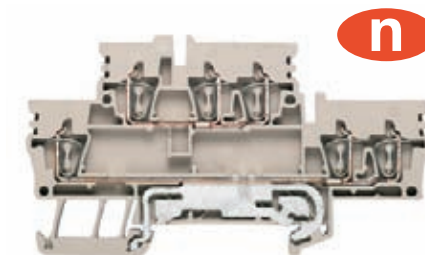
Snap Mark / DEK 5/5 / WS 10/5

2.5 mm² 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 mm²

Double-level terminal (DU-PE)



5.1 x 93 x 51.5	
31 / 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			
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 ² 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	1924460000

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 ZDK 2.5/3AN	2 mm	20	1924910000
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
ZAD 9/4		20	1934160000

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

2.5 mm² 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 mm².

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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

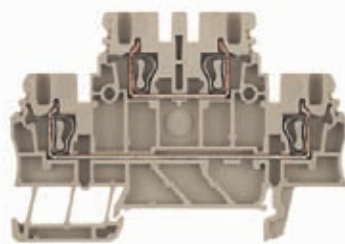
Accessories

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 ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²

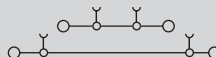
Double level terminals



3.5 x 75.5 x 50

17.5 / 1.5

0.05...1.5



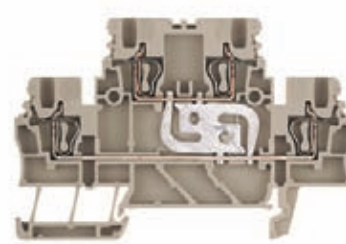
IEC 60947-7-1

IEC	UL	CSA
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		

ZDK 1.5V

1.5 mm²

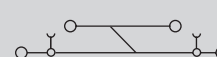
Vertically cross-connected double level terminal



3.5 x 75.5 x 50

17.5 / 1.5

0.05...1.5



IEC 60947-7-1

IEC	UL	CSA
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 1.5	100	1791100000
ZDK 1.5 BL	100	1791110000

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

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 ZDK1.5	2 mm	20	1791160000
ZAP/TW ZDK1.5 BL	2 mm	20	1791170000
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
ZAD 7/4		20	1781940000

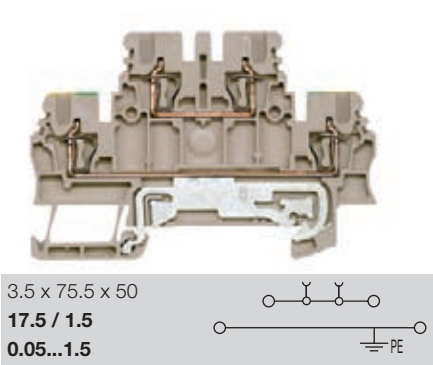
Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/3	17.5 A	60	1776130000
ZQV 1.5/4	17.5 A	60	1776140000
ZQV 1.5/10	17.5 A	20	1776200000
Width			
ZAP/TW ZDK1.5	2 mm	20	1791160000
ZAP/TW ZDK1.5 BL	2 mm	20	1791170000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25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

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

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

ZDK 1.5 DU-PE1.5 mm²

Double level terminals (DU - PE)



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	1791120000
Upper level: feed-through terminal Lower level: PE terminal		

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 ZDK1.5	2 mm	20	1791160000
ZAP/TW ZDK1.5 BL	2 mm	20	1791170000
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
ZAD 7/4		20	1781940000

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 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18

Marking systems (see assortment in catalogue 7)

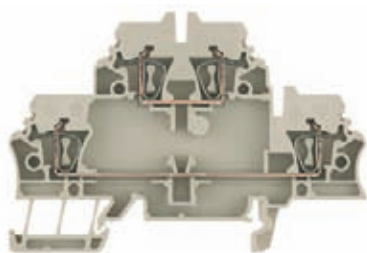
Marking tags

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

ZDK 2.5

2.5 mm²

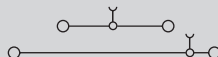
Double level terminals



5.1 x 79.5 x 54

20 / 2.5

0.05...2.5

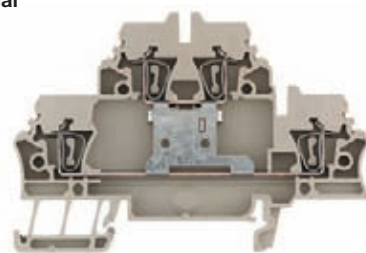


IEC 60947-7-1	Ex e ll	Ex	ll 2 G D
IEC	UL	CSA	EN 60079-7
500	300	300	275
20	10	10	18
2.5	AWG 30...12	AWG 26...12	2.5
6 / 3			
A2 / V-0			
KEMA 97ATEX4677 U			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

ZDK 2.5 V

2.5 mm²

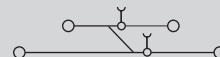
Vertically cross-connected double level terminal



5.1 x 79.5 x 54

24 / 2.5

0.05...2.5



IEC 60947-7-1	Ex e ll	Ex	ll 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 ² 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	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

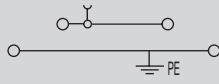
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	5.1 mm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

DEK 5/5 / WS 10/5

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

ZDK 2.5 DU-PE**2.5 mm²****Phase - PE conductor**

5.1 x 79.5 x 54

20 / 2.5**0.05...2.5**

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

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

KEMA 97ATEX4677 U

Rated connection

0.5...2.5

0.5...2.5 / 0.5...2.5

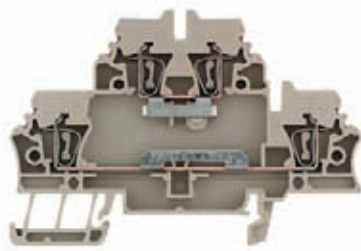
10 / 0.6 x 3.5 mm

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

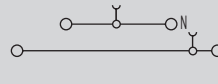
Type	Qty	Order No.
ZDK 2.5DU-PE	50	1689970000

Type	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

DEK 5/5 / WS 12/5

ZDK 2.5 N-DU**2.5 mm²****Neutral conductor - phase**

5.1 x 79.5 x 54

20 / 2.5**0.05...2.5**

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

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

KEMA 97ATEX4677 U

Rated connection

0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

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

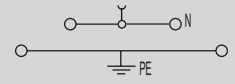
Type	Qty	Order No.
ZDK 2.5N-DU	50	1689960000

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
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

DEK 5/5 / WS 12/5

ZDK 2.5 N-PE**2.5 mm²****Neutral & PE conductor**

5.1 x 79.5 x 54

20 / 2.5**0.05...2.5**

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

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

KEMA 97ATEX4677 U

Rated connection

0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

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

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

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

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 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²

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 ² 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

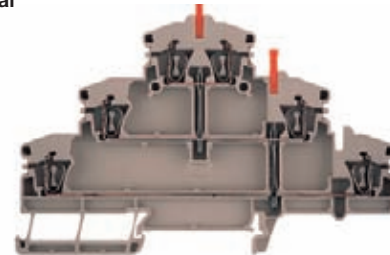
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDLD2.5-2N	1.5 mm	20	1782340000
ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	1782350000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	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 mm²

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 ² 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
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 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 mm² / AWG 20 For conductors < 1,0 mm² / 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 mm²

Motor-supply terminal



5.1 x 102 x 70

31 / 4

0.13...4

A diagram showing a 5-pin connector. Four pins are connected to a common line, and the fifth pin is connected to a ground symbol labeled 'PE'.

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

The UL ENEC and UL logos are displayed side-by-side.

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

Type		Qty	Order No.
ZAP ZMAK2.5	1.5 mm	10	1768010000
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 12/5

ZMAK 2.5 690 V

2.5 mm²

Motor-supply terminal



5.1 x 102 x 70

31 / 4

0.13...4

The diagram shows a cross-section of a cable with three conductors (represented by circles) and a surrounding ground shield (represented by a thick line). The shield is connected to a terminal labeled 'PE' (Protective Earth).

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		

The image shows three logos: the UL (Underwriters Laboratories) logo, the IEC (International Electrotechnical Commission) logo, and another UL logo.

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

Type		Qty	Order No.
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 12/5

Double / Multilevel terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version	
	green/yellow Wemid
Note	

Accessories

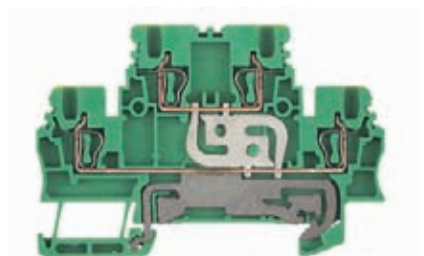
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18

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 mm²

Double level terminals



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

IEC 60947-7-2	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
1.5	AWG 30...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

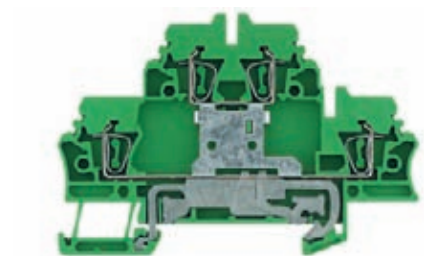
Type	Width	Qty	Order No.
ZAP/TW ZDK1.5	2 mm	20	1791160000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

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

ZDK 2.5 PE

2.5 mm²

Vertically cross-connected



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

IEC 60947-7-2	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
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 ² 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 mm²

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²

Double level terminals



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

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 ² 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	1790990000
ZDK 2.5-2 BL	50	1791000000
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/TW ZDK2.5-2	2 mm	20	1791050000
ZAP/TW ZDK2.5-2 BL	2 mm	20	1791060000
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

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

ZDK 2.5-2V

2.5 mm²

Vertically cross-connected double level terminal



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

IEC 60947-7-1

IEC	UL	CSA
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 ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

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

Type	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 ZDK2.5-2	2 mm	20	1791050000
ZAP/TW ZDK2.5-2 BL	2 mm	20	1791060000
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

DEK 5/5 / WS 10/5

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

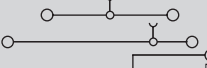
Accessories

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 ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²**

Double level terminals with
PE connection on one side



5.1 x 89.5 x 55.5	
24 / 4	
0.05...4	

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

Type	Qty	Order No.
ZDKPE 2.5-2	50	1805940000
The rated voltage is reduced to 400 V when using the cross-connection.		

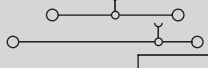
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDKPE2.5-2	2 mm	25	1805960000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	5.1 mm	25	1688110000
SD 0.6x3.5x100			
		1	9008330000
SWIFTY SET			
		1	9006060000
ZRH 1.5H/1			
		1000	1678810000
ZRH 1.5H/2			
		1000	1678800000
ZAD 1/4-2 GE			
		20	1764560000

DEK 5/5 / WS 10/5

ZDKPE 2.5-2/N/L/PE**2.5 mm²**

Double level terminals with
PE connection on one side



5.1 x 89.5 x 55.5	
24 / 4	
0.05...4	

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 ² 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	1895700000
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/TW ZDKPE2.5-2	2 mm	25	1805960000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	5.1 mm	25	1688110000
SD 0.6x3.5x100			
		1	9008330000
SWIFTY			
		1	9006020000
ZRH 1.5H/1			
		1000	1678810000
ZRH 1.5H/2			
		1000	1678800000
ZAD 1/4-2 GE			
		20	1764560000

DEK 5/5 / WS 10/5

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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

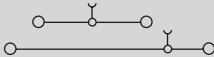
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
	with „swifty set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / 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 mm²

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		
Note		

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

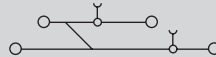
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZAP/TW ZDK4-2 BL	2 mm	50	8670620000
ZEW 35			
	6 mm	20	9540000000
ZTA 6/ZA			
	6.1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

ZDK 4-2 V

4 mm²

Vertically cross-connected double level terminal



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

IEC 60947-7-1

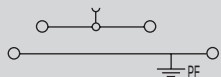
IEC	UL	CSA
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
	8 / 3	
	A3 / V-0	
		
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
Note		

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

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			

ZDK 4-2 DU/PE**4 mm²****Phase - PE conductor**

6.1 x 77.6 x 61

32 / 6**0.13...6**

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

IEC	UL	CSA
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

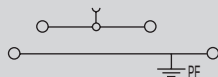
Type	Qty	Order No.
ZDK 4-2/DU-PE	50	8671120000

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

ZDK 4-2/N/L**4 mm²****Double level terminals**

6.1 x 77.6 x 61

32 / 6**0.13...6**

IEC 60947-7-1

IEC	UL	CSA
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	1905170000

Upper level printed blue

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

Double / Multilevel terminals

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ² / AWG 20
For conductors < 1,0 mm ² / 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 mm²

Four connections



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

IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 30...12	AWG 30...12
800		
8		
	300 A (2.5 mm ²)	
	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 ² 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 mm²

Four connections



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

IEC 60947-7-2

IEC	UL	CSA
4	AWG 26...10	AWG 26...10
800		
8		
	480 A (4 mm ²)	
	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 mm²

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 mm²)		
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 mm².

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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

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

Accessories

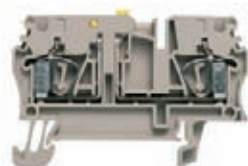
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
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 mm²

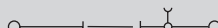
Two connections



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

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

Type	current	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

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

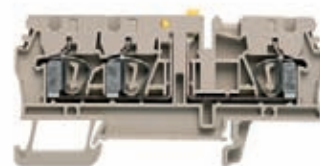
DEK 5/5 / WS 10/5

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

ZTR 2.5/3AN

2.5 mm²

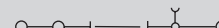
Three connections



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	



Rated connection

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

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

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

Type	current	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

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

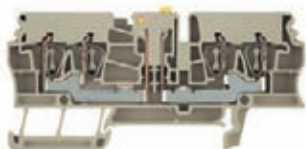
ZTA 1	5.1 mm	25	1609040000
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ZTA 1/ZA	5.1 mm	25	1609050000
----------	--------	----	------------

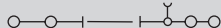
TNST	50	1833090000
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DEK 5/5 / WS 10/5

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

ZTR 2.5/4AN**2.5 mm²****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

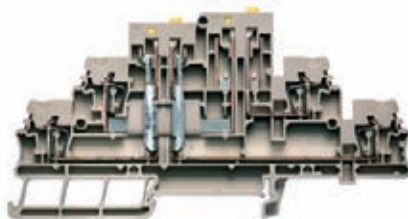
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

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

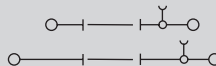
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
Width			
ZAP/TW 3	2 mm	50	1608800000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	6 mm	25	7921560000
SIHA 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
TNST		50	1833090000

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

Type	Qty	Order No.
ZDTR 2.5	20	1745400000
ZDTR 2.5 BL	20	1798330000

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

DEK 5/5

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

Test-disconnect terminals

Standard model and Roof-style

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

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 mm²

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 ² 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
Width			
ZEW 35	6 mm	20	9540000000
Width			
SD 0.6x3.5x100		1	9008330000
Width			
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
Width			
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
Width			
TNST		50	1833090000

Marking systems	
	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 mm²

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

Width			
ZQV 6/24 GE	41 A	10	1908990000
Width			
ZAP ZDU6-2	2.5 mm	50	1771440000
Width			
ZEW 35	6 mm	20	9540000000
Width			
SDI 0,6x3,5x100		1	9008390000

Marking systems	

Roof-style

ZTR 6-2 E

6 mm²

Operation mode

n



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 ²
Max. clamping range	mm ²

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

Technical data

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

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	

Ordering data

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

Accessories

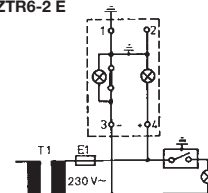
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard

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

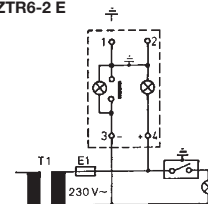


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

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

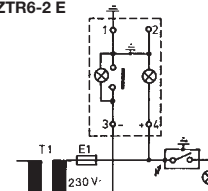
ZTR6-2 E



- 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 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 mm²

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 mm²

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
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	

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 10/5
	Status display using a bi-directional LED.

ZSI 2.5/2

2.5 mm²

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 1/2 inch fuse cartridges

Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 mm²

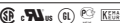
For metric fuses 5 x 20 / 5 x 25



12.2 x 68 x 55
10 / 4
0.13...4



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	
Approvals		
		
Rated connection		Further connection
0.5...4		
0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5
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	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

DEK 5/5 / WS 10/5
Status indication via neon lamp.

ZSI 6-2

6 mm²

For metric fuses 5 x 20 / 5 x 25



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



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	
Approvals		
		
Rated connection		Further connection
0.5...10		
0.5...10 / 0.5...6		0.5...10 / 0.5...6
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	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

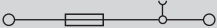
DEK 5/5 / WS 10/5
Status indication via neon lamp.

ZSI 6-2/FC6 mm²

For car fuses



8.1 x 70 x 54.5
30 / 10
0.33...10



IEC 60947-7-3 / DIN 72581-3

IEC	UL	CSA
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
Width			
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 ²
Max. clamping range	mm ²

Technical data

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

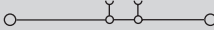
Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZDU 2.5 S

2.5 mm²

Two connections



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

IEC 60947-7-1

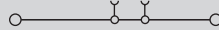
IEC	UL	CSA
400		
24		
2.5		
	6 / 3	
	A2 / V-0	
		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

ZDU 4 S

4 mm²

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 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
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

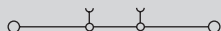
Type	Qty	Order No.
ZDU 4 S	100	1808360000
ZDU 4 S BL	100	1808370000
Spacing between mounting plates should be 200mm.		

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
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000

Marking systems	DEK 5/5 / WS 10/5
	DEK 5/5 / WS 10/6

ZDU 6S**6 mm²****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	1808230000
ZDU 6 S BL	100	1808240000
Spacing between mounting plates should be 200mm.		

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
Width			
ZAP ZDU 6 S	2 mm	20	1808250000
ZAP ZDU 6 S BL	2 mm	20	1808260000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
ZEW 35	6 mm	20	9540000000
SD 0.8x4.0x100		1	9008340000

DEK 5/8 / WS 10/6

ZDU 10/S**10 mm²****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	1739540000
ZDU 10S BL	25	1739550000
Spacing between mounting plates should be 200mm.		

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

DEK 5/5

ZDU 16/S**16 mm²****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	1739580000
ZDU 16S BL	25	1739590000
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
ZHP Z/W BL	3 mm	20	1745180000
ZHP Z/W SO	5 mm	20	1781070000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ²
	rigid / flexible 6 - 16 mm ²
	Flexible 16 - 35 mm ²
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

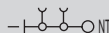
ZNT 2.5 S

2.5 mm²

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.		

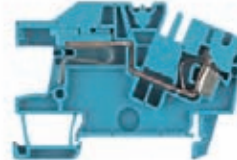
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP ZDU 2.5 S	2 mm	20	1808030000
ZAP ZDU 2.5 S BL	2 mm	20	1808040000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
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

DEK 5/5 / WS 10/5

ZNT 4 S

4 mm²

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).		

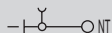
Type	Qty	Order No.
ZNT 4 S	100	1808310000
Spacing between mounting plates should be 200mm.		

Type	current	Qty	Order No.
ZQV 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
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

DEK 5/6 / WS 10/6

ZNT 6 S**6 mm²****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).

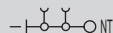
Type	Qty	Order No.
ZNT 6 S	50	1808320000
Spacing between mounting plates should be 200mm.		

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
Width			
ZAP ZDU 6 S	2 mm	20	1808250000
ZAP ZDU 6 S BL	2 mm	20	1808260000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
ZEW 35	6 mm	20	9540000000
SD 0.8x4.0x100		1	9008340000
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

DEK 5/8 / WS 10/6

ZNT 10 S**10 mm²****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	1739560000
Spacing between mounting plates should be 200mm.		

Type	current	Qty	Order No.
ZQV 16/2	76 A	25	1739690000
ZAP ZDU10/16S	2 mm	20	1739660000
ZHP Z/W BL	3 mm	20	1745180000
ZHP Z/W SO	5 mm	20	1781070000
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 35K BL M6X16	14 mm	20	0502680000

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 ²
	rigid / flexible 6 - 16 mm ²
	Flexible 16 - 35 mm ²
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

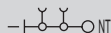
ZNT 16/S

16 mm²

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.		

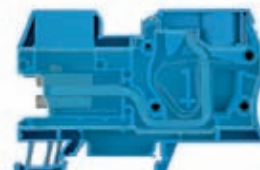
Type	current	Qty	Order No.
ZQV 16/2	76 A	25	1739690000
Width			
ZAP ZDU10/16S	2 mm	20	1739660000
Width			
ZHP Z/W BL	3 mm	20	1745180000
ZHP Z/W SO	5 mm	20	1781070000
Width			
ZEW 35	6 mm	20	9540000000
Width			
SD 1.0x5.5x150		1	9008350000
Width			
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
Width			
ZB 4K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

DEK 5/5

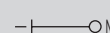
ZNT 35

35 mm²

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
Width		
SD 1.0x5.5x150		1
Width		
SSCH 10X3X1000 CU/SN	10 mm	1
Width		
ZB 4K BL	6 mm	50
ZB 16K BL	10 mm	50
ZB 35K BL M6X16	14 mm	20

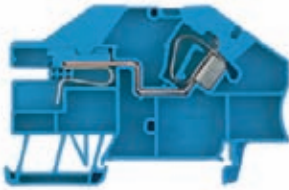
DEK 5/5

End plate is integrated.

ZDU 4 NT

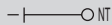
4 mm²

Modified busbar position


$$6.1 \times 78.5 \times 49.5$$

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	1778080000
ZDU 4/NT	50	1757980000
Only for use with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.		

Type		Qty	Order No.
ZAP ZDU4/NT	1.5 mm	20	1757970000
ZHP ZDU4/NT SO	5 mm	20	1803890000
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

DEK 5/5 / WS 15/5

ZDU 10 NT

10 mm²

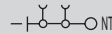
Modified busbar position



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

$$\frac{1.5 \times 10^3}{1.5 \times 10^3}$$

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	1762420000
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	1739680000
Width			
ZAP ZDU10/16S	2 mm	20	1739660000
ZHP ZDU4/NT SO	5 mm	20	1803890000
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 35K BL M6X16	14 mm	20	0502680000

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 ²
Max. clamping range	mm ²

Technical data

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

Ordering data

Version
green/yellow Wemid
Note

Accessories

End plate / partition	
	Dark beige 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	

ZPE 2.5 S

2.5 mm²

Two connections



5.1 x 62.5 x 44
/ 4
0.5...4



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).		

ZPE 4 S

4 mm²

Two connections



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



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 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

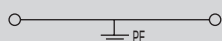
Type	Qty	Order No.
ZPE 4 S	100	1808340000
Spacing between mounting plates should be 200mm.		

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

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

ZPE 6 S**6 mm²****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).

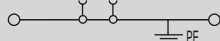
Type	Qty	Order No.
ZPE 6 S	100	1808350000
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU 6 S	2 mm	20	1808250000
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 5/8 / WS 10/6

ZPE 10/S**10 mm²****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).

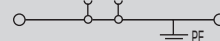
Type	Qty	Order No.
ZPE 10S	25	1739570000
Spacing between mounting plates should be 200mm.		

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

DEK 5/5 / WS 10/5

ZPE 16/S**16 mm²****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

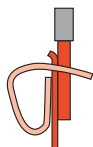
To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.

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

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

DEK 5/5

WeiCoS



Pluggable terminals with tension clamp

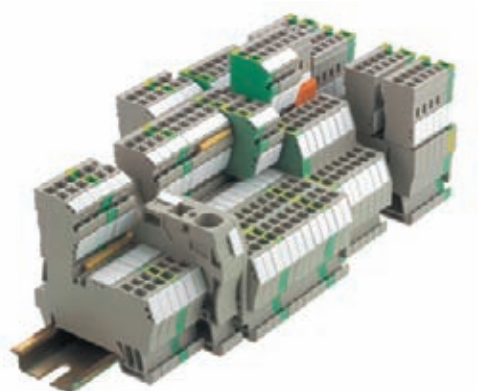
The need was clearly defined: a means of rapidly and correctly connecting prefabricated functional units – such as lamps and door controls, roll back looms and control cabinets – to the existing installation. The solution: Weidmüller's pluggable terminal system.

D The basic principle is beautifully simple:

One DIN terminal rail for the functional unit and one plug-in connector for producing the cable harness. In the final assembly, the two units are simply snapped into each other – like plug-in connectors. That's all there is to it!

Whether for traffic, mechanical engineering or shipbuilding, Weidmüller's Z series offers all these areas optimum service. It is quick, reliable and simple to connect, ensures trouble-free handling and is practical in system use. Modular and flexible connection technology is required particularly where entire functional units are to be prefabricated or re-assembled.

This is where WeiCoS comes in – **Weidmüller Connection System** – the new generation of pluggable terminals. Here Weidmüller has attached great importance to cleverly thought out technology.



The convincing advantages of this technology:

Quick mounting, functional units tested in the factory, quick and easy replacement or on-site re-assembly, of functional units.

Rational installation of modular components

Modular components form the basic elements of production systems according to the modular principle. They bring dramatic reductions in costly final assembly time and allow for rapid replacement during maintenance and servicing. WeiCoS is tailor-made for these applications.

Product overview

Rated cross-section	2,5 mm ²	4 mm ²
Feed-through terminals		
1 tension clamp connection / 1 pluggable connection	•	•
2 tension clamp connections / 1 pluggable connection	•	
2 tension clamp connections / 2 pluggable connections	•	•
4 pluggable connections	•	
Protective earth terminals		
1 tension clamp connection / 1 pluggable connection	•	•
2 tension clamp connections / 1 pluggable connection	•	
2 tension clamp connections / 2 pluggable connections	•	•
4 pluggable connections	•	
Double level terminals		
Feed-through	•	
Feed-through / protective earth	•	
Protective earth	•	
Test-disconnect terminals		
2 tension clamp connections / 2 pluggable connections	•	
Plug-in connector		
1 tension clamp connection without cross-connection channel	•	•
1 tension clamp connection with cross-connection channel	•	
2 tension clamp connections with cross-connection channel	•	

1 The tension clamp connection

The terminal has a tension clamp connector providing galvanic isolation.

- Steel tension clamp provides optimum contact forces
- Copper busbars for minimum through resistance

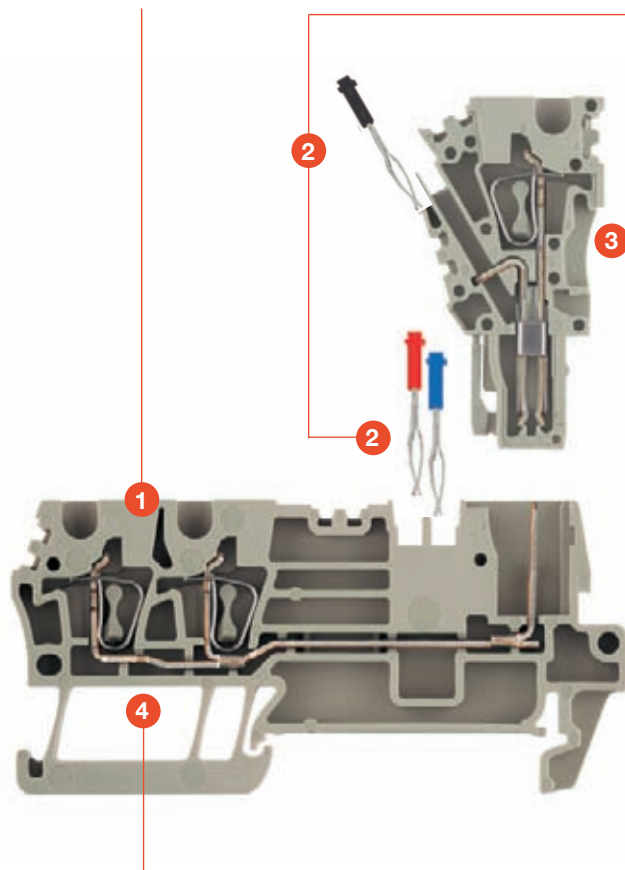
**2 Pluggable cross-connection**

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

**3 The pluggable connection**

The tensioned steel contact is also in accordance with Weidmüller's principle of separating electrical and mechanical functions for galvanic isolation.

- Maintenance-free connection
- 100 % vibration proof
- High contact forces

**Wemid insulation**

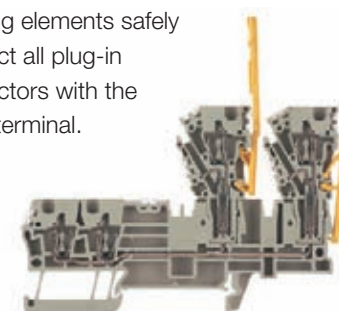
- Resistant to creepage CTI 600
- Temperature resistant up to 120 °C
- Flammability class V0 to UL94
- Halogen and phosphorous free

Safe contacts

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

Safe locking

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

**4 Easy to use**

Practical connection with parallel conductor inset and screwdriver actuation:

- No special tools needed
- Integral test point
- Generous clamping range to IEC 601984

**Supply**

Supply comes from standard Z-Series terminals or a supply terminal e.g. ZEI 16.



Pluggable standard terminals WeiCoS

Feed-through terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm².

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
max. voltage of pluggable system	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 mm²

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



5.1 x 58 x 35
24 / 4
0.13...4

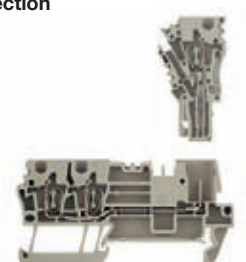
IEC 60947-7-1 / IEC 61984

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

ZT 2.5/3AN/1

2.5 mm²

2 tension clamp connections / 1 push-on connection



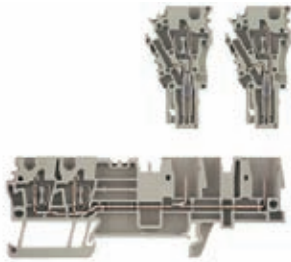
5.1 x 71.5 x 35
24 / 4
0.13...4

IEC 60947-7-1 / IEC 61984

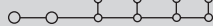
IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		
Rated connection		Plug-in connection
0.5...4		0.5...4
0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm
2.5 mm ² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A		

Type	Qty	Order No.
ZT 2.5/2AN/1	50	1815070000
Type	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			

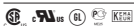
ZT 2.5/4AN/2**2.5 mm²****2 tension clamp conn. / 2 push-on conn.**

5.1 x 93 x 35

24 / 4**0.13...4**

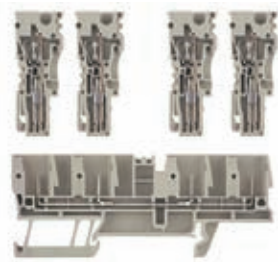
IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		

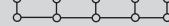


Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

ZT 2.5/4AN/4**2.5 mm²****4 push-on connections**

5.1 x 85.5 x 35

24 /**...**

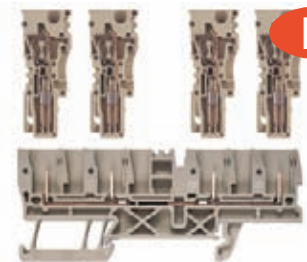
IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
/ V-0		

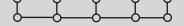


Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

ZT 2.5/2x2AN**2.5 mm²****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 mm² - 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	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	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/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			

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			

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
max. voltage of pluggable system	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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

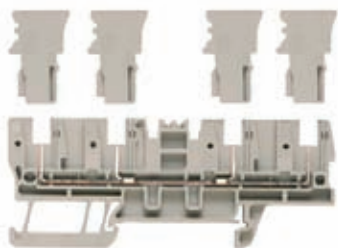
Accessories

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 mm²

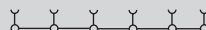
4 push-on connections



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

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 ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
max. voltage of pluggable system	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
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 mm²

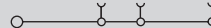
1 tension clamp conn. / 1 push-on conn.



6.5 x 58 x 48.5

32 / 6

0.13...6



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
800	600	600
800		
32	28	28
4	AWG 26...10	AWG 26...10
	8 / 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

CSA current and voltage according to Gr. C

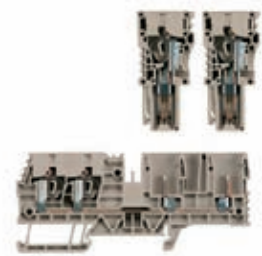
Type	Qty	Order No.
ZT 4/2AN/1	50	1854960000
Type	Qty	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	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
Width			
SD 0.6x3.5x100		1	9008330000
Width			
DEK 5/6 / WS 10/6			

ZT 4/4AN/2

4 mm²

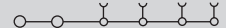
2 tension clamp conn. / 2 push-on conn.



6.5 x 100.5 x 48.5

32 / 6

0.13...6



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	



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
Width			
SD 0.6x3.5x100		1	9008330000
Width			
DEK 5/6 / WS 10/6			