

Pluggable standard terminals WeiCoS

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

Ordering data

Base terminal	
	green/yellow Wemid
Plug-in connector	
	1-pole
Note	

Accessories

End plate / partition	
	Dark beige Wemid
	Orange Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard

Marking systems (see assortment in catalogue 7)

Marking tags

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

ZTPE 2.5/2AN/1

2.5 mm²

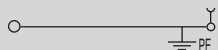
1 tension clamp conn. / 1 push-on conn.



5.1 x 58 x 35

/ 4

0.13...4



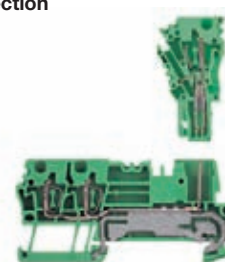
IEC 60947-7-2

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

ZTPE 2.5/3AN/1

2.5 mm²

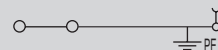
2 tension clamp connections / 1 push-on connection



5.1 x 71.5 x 35

/ 4

0.13...4



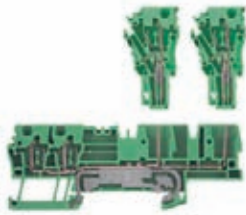
IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm ²)	
	3	
	A2 / V-0	
Rated connection		Plug-in connection
0.5...4		0.5...4
0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm
Note		
2.5 mm 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.
ZTPE 2.5/3AN/1	50	1815100000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	1820570000

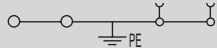
Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000
Type	Width	Qty	Order No.
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
Type	Width	Qty	Order No.
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
Type	Width	Qty	Order No.
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5

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

5.1 x 93 x 35

/ 4

0.13...4

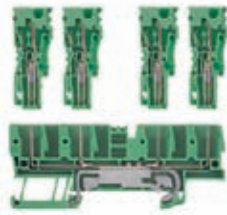
IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm ²)	
	3	
	A2 / V-0	



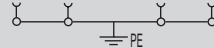
Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

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

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

5.1 x 85.5 x 35

/ 4

0.13...4

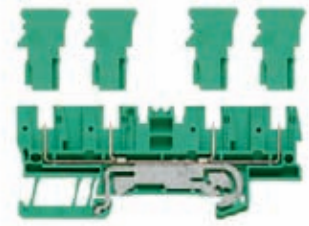
IEC 60947-7-2

IEC	UL	CSA
2.5		
690		
500		
	6	
	300 A (2.5 mm ²)	
	3	
	A2 / V-0	



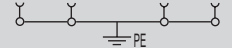
Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

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

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

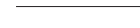
5.1 x 85.5 x 45.4

/ 2.5

0.5...2.5

IEC 60947-7-2

IEC	UL	CSA
2.5		
250		
	4	
	300 A (2.5 mm ²)	
	2	



Rated connection	Plug-in connection
0.5...2.5	0.5...2.5

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.
ZTPE 2.5/4AN/2	50	1815120000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	Qty	Order No.
ZTPE 2.5/4AN/4	50	1815140000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	Qty	Order No.
ZTCPE 2.5/4AN/4	50	1898480000
Type	Qty	Order No.
STGH ZPC2.5 DB	50	2321640000

Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SD 0.6x3.5x100		1	9008330000

Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SD 0.6x3.5x100		1	9008330000

Type	Width	Qty	Order No.
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

DEK 5/5 / WS 10/5

DEK 5/5 / WS 10/5

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Modular PE terminals

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

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

Technical data

Rated data	
Rated cross-section	mm ²
max. voltage of pluggable system	V
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

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

Note

Ordering data

Base terminal	
	green/yellow Wemid
Plug-in connector	
	1-pole
Note	

Accessories

End plate / partition	
	Dark beige Wemid
	Orange Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard

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

ZTPE 4/2AN/1

4 mm²

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



6.5 x 58 x 48.5	
/ 6	
0.13...6	



IEC	UL	CSA
4	AWG 26...10	
800		
800		
	8	
	480 A (4 mm ²)	
	3	
	A3 / V-0	
Rated connection		Plug-in connection
0.5...6		0.5...4
0.5...6 / 0.5...4		0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZTPE 4/2AN/1	50	1854970000
Type	Qty	Order No.
ZP 4/1AN/1 GN	50	1854980000

Type	Width	Qty	Order No.
ZAP/TW ZT4/2AN		50	1855220000
ZAP/TW ZT4/2AN OR		50	1855230000
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
SD 0.6x3.5x100		1	9008330000

Marking systems	
	DEK 5/6 / WS 10/6

ZTPE 4/4AN/2

4 mm²

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



6.5 x 100.5 x 48.5	
/ 6	
0.13...6	



IEC	UL	CSA
4	AWG 26...10	
800		
800		
	8	
	480 A (4 mm ²)	
	3	
	A3 / V-0	
Rated connection		Plug-in connection
0.5...6		0.5...4
0.5...6 / 0.5...4		0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZTPE 4/4AN/2	50	1848330000
Type	Qty	Order No.
ZP 4/1AN/1 GN	50	1854980000

Type	Width	Qty	Order No.
ZAP/TW ZT4/4AN/2		50	1848360000
ZAP/TW ZT4/4AN/2 OR		50	1855240000
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
SD 0.6x3.5x100		1	9008330000

Marking systems	
	DEK 5/6 / WS 10/6

Pluggable standard terminals WeiCoS

Two-tier modular 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
	8-pole
	10-pole
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard



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

ZDT 2.5/2

2.5 mm²

Two potentials feasible



5.1 x 80.5 x 52.5	
24 / 4	
0.13...4	

IEC 60947-7-1 / IEC 61984		
IEC	UL	CSA
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.		

Type	Qty	Order No.
ZDT 2.5/2	50	1815150000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
Width			
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
Width			
SD 0.6x3.5x100		1	9008330000

Marking systems	
	DEK 5/5

ZDT 2.5/2 DU-PE

2.5 mm²

Phase - PE conductor



5.1 x 80.5 x 52.5	
24 / 4	
0.13...4	

IEC 60947-7-1 (-7-2) / IEC 61984		
IEC	UL	CSA
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.		

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

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
Width			
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
Width			
SD 0.6x3.5x100		1	9008330000

Marking systems	
	DEK 5/5

Two-tier modular 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/mm²
Max. clamping range	mm²

Technical data

Rated data	
Rated cross-section	mm²
max. voltage of pluggable system	V
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm²
flexible / Stranded wire with end ferrules	mm²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	green/yellow Wemid
Plug-in connector	
	1-pole
Note	

Accessories

End plate / partition	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard

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

ZDT 2.5/2 PE2.5 mm²

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



5.1 x 80.5 x 52.5	
/ 4	
0.13...4	

IEC 60947-7-2		
IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm²)	
	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.		

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

Type	Width	Qty	Order No.
ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5

Pluggable standard terminals WeiCoS

Test-disconnect terminals

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

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm 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
Without isolator, Dark beige Wemid
Note

Accessories

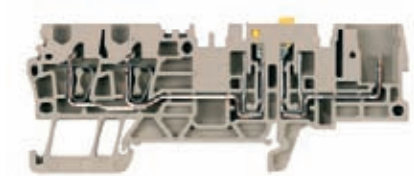
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
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	

ZTTR 2.5

2.5 mm²

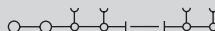
2 tension clamp connections / 1 push-on connection



5.1 x 87 x 36.5

18 / 4

0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
400	600	600
16	16	16
2.5	AWG 26...12	AWG 26...12
	6 / 3	
	A2 / V-0	



Rated connection

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

CSA current and voltage according to Gr. B

Type	Qty	Order No.
ZTTR 2.5	50	1865510000
ZTTR 2.5/O. TNHE	50	1905470000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
Width			
ZAP/TW ZTTR2.5		50	1865520000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA a3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

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

Pluggable standard terminals WeiCoS

Feed-through modular terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 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	
	Base terminal
Note	

Accessories

STGH plug housing	
	With assembly peg
	Without peg
Crimp contacts	
	Reel packaged
	Reel packaged
	Reel packaged
	Single contacts
	Single contacts
	Single contacts
Test adapter	
	Enclosure test adapter, 4-way
	Strain relief
	Plug housing, black
	Black plug enclosure
tools	
	Crimping tools
End plate / partition	
	beige Wemid

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

ZRV 1.5

1.5 mm²

Base terminal - plug



5.1 x 89.5 x 52	
/ 2.5	
0.13...2.5	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
63	150	
4	10	
1.5	AWG 26...14	
	2 / 3	
	A1 / V-0	
UL		
Rated connection		Crimp connection
0.5...2.5		
0.5...2.5 / 0.5...1.5		0.2...1
8 / 0.6 x 3.5 mm		
Note		

Type	Qty	Order No.
ZRV 1.5	50	1698160000
Note		

Type	Width	Qty	Order No.
STGH 4 ZRV1.5	5 mm	50	1698190000
DFFC 0.2-0.35 ZRV1.5		500	1705310000
DFFC .5-1.0 ZRV1.5		500	1705320000
HTF ZRV		1	9014840000
AP ZRV1.5 DB	5.1 mm	10	1698180000

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

ZRV 1,5/PE

1.5 mm²

Base terminal - plug



5.1 x 89.5 x 52	
/ 2.5	
0.13...2.5	

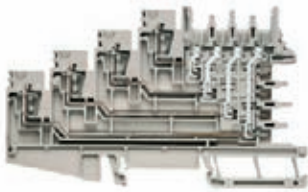
IEC 60947-7-1 (-7-2) / VDE 0627

IEC	UL	CSA
63		
4		
1.5	AWG 26...14	
	2 / 3	
	A1 / V-0	
UL		
Rated connection		Crimp connection
0.5...2.5		
0.5...2.5 / 0.5...1.5		0.2...1
8 / 0.6 x 3.5 mm		
Note		

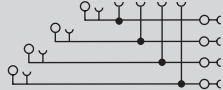
Type	Qty	Order No.
ZRV 1.5/PE	50	1698170000
Note		

Type	Width	Qty	Order No.
STGH 4 ZRV1.5/PE GN	5 mm	50	1698200000
DFFC 0.2-0.35 ZRV1.5		500	1705310000
DFFC .5-1.0 ZRV1.5		500	1705320000
HTF ZRV		1	9014840000
AP ZRV1.5 DB	5.1 mm	10	1698180000

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

ZRV 2.5/2**2.5 mm²**

5.2 x 115 x 70

10 / 4**0.21...4**

IEC 60947-7-1 / IEC 61984

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

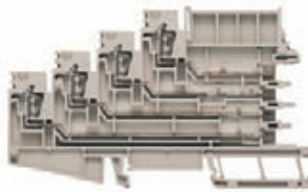


Rated connection	Crimp connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	0.2...2.5
10 / 0.6 x 3.5 mm	

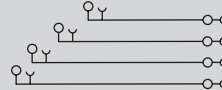
Type	Qty	Order No.
ZRV 2.5/2	50	1906970000

Type	Width	Qty	Order No.
STGH O.ZA ZRV2.5		50	1907010000
STGH ZRV2.5		50	1907000000
FEKO ZRV2.5 0.2-0.35		5000	1854750000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4000	1848480000
FEKO ET ZRV2.5 0.2-0.35		500	1893940000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
GH ZE STGH ZRV2.5		50	2318620000
ZE ZRV2.5		25	2318670000
STGH SW ZRV2.5		25	1898420000
STGH O.ZA/SW ZRV2.5		25	1898430000
HTF ZRV		1	9014840000
AP ZRV2.5		10	1906980000

DEK 5/5 / WS 12/5

ZRV 2.5/1**2.5 mm²**

5 x 115 x 69.5

/ 4**0.5...4**

IEC	UL	CSA
250		
10		
2.5		
	4 / 3	

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

Type	Qty	Order No.
ZRV 2.5/1	50	1906960000

Type	Width	Qty	Order No.
STGH O.ZA ZRV2.5		50	1907010000
STGH ZRV2.5		50	1907000000
FEKO ZRV2.5 0.2-0.35		5000	1854750000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4000	1848480000
FEKO ET ZRV2.5 0.2-0.35		500	1893940000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
GH ZE STGH ZRV2.5		50	2318620000
ZE ZRV2.5		25	2318670000
STGH SW ZRV2.5		25	1898420000
STGH O.ZA/SW ZRV2.5		25	1898430000
HTF ZRV		1	9014840000
AP ZRV2.5		10	1906980000

DEK 5/5 / WS 12/5

Pluggable standard terminals WeiCoS

Plug-in connector

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

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm 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	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
10-pole	
11-pole	
12-pole	
13-pole	
14-pole	
15-pole	
16-pole	
17-pole	
1-pole (green Wemid)	
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	10-pole
Test adapter	
	Standard
Screwdriver	
	Standard
Group designation	
	Push-in tag, blank
	Group designation
	Protective strips, transparent
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZP 2.5/1AN

2.5 mm²

2...17-pole



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

IEC 60947-7-1 / IEC 61984

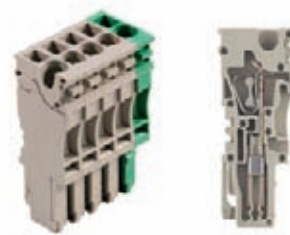
IEC	UL	CSA
500	300	
24	20	
2.5	AWG 26...12	
	6 / 3	
	A2 / V-0	
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

ZP 2.5/1AN/GN/BE

2.5 mm²

2 to 17-pole

Connectors each with one green pole



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

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

Type	Qty	Order No.
ZP 2.5/1AN/2 GN/BE	25	1867090000
ZP 2.5/1AN/3 GN/BE	25	1867100000
ZP 2.5/1AN/4 GN/BE	25	1867110000
ZP 2.5/1AN/5 GN/BE	25	1867120000
ZP 2.5/1AN/6 GN/BE	25	1867130000
ZP 2.5/1AN/7 GN/BE	25	1867140000
ZP 2.5/1AN/8 GN/BE	20	1867150000
ZP 2.5/1AN/10 GN/BE	20	1867170000
ZP 2.5/1AN/11 GN/BE	20	1867180000
ZP 2.5/1AN/12 GN/BE	20	1867190000
ZP 2.5/1AN/13 GN/BE	10	1867200000
ZP 2.5/1AN/14 GN/BE	10	1867210000
ZP 2.5/1AN/15 GN/BE	10	1867220000
ZP 2.5/1AN/16 GN/BE	10	1867230000
ZP 2.5/1AN/17 GN/BE	10	1867240000
The technical specifications relate to the use in conjunction with PE terminals to DIN EN 60947-7-2 only.		

Type	current	Qty	Order No.
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
SD 0.6x3.5x100		1	9008330000
ESO 7 A4-BOGEN WEISS		10	1607720000
ZGB 30		20	1611930000
STR 7 F.SCHT 7		20	0515300000

DEK 5/5 / WS 10/5

Type	current	Qty	Order No.
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
SD 0.6x3.5x100		1	9008330000
ESO 7 A4-BOGEN WEISS		10	1607720000
ZGB 30		20	1611930000
STR 7 F.SCHT 7		20	0515300000

DEK 5/5 / WS 10/5

Pluggable standard terminals WeiCoS

Coupling

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	
	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	7-pole
	8-pole
	10-pole
	11-pole
	12-pole
	13-pole
	14-pole
	15-pole
	16-pole
	1-pole (green Wemid)

Note

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	10-pole
Test adapter	
	Standard
Screwdriver	
	Standard
Group designation	
	Push-in tag, blank
	Group designation
	Protective strips, transparent

Marking systems (see assortment in catalogue 7)

Marking tags

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

ZPS 2.5/1AN/QV

2.5 mm²

1...16-pole



x 41 x 37

24 / 4

0.13...4

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300, 600
24	20	20
2.5	AWG 26...12	AWG 26...12
	6 / 3	
	A2 /	



Rated connection

0.13...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

CSA voltage / Current Gr.C 300V / 20A Gr.D 600V / 5 A

Type	Qty	Order No.
ZPS 2.5/1AN/QV/1	50	1865880000
ZPS 2.5/1AN/QV/2	20	1865900000
ZPS 2.5/1AN/QV/3	20	1865910000
ZPS 2.5/1AN/QV/4	20	1865920000
ZPS 2.5/1AN/QV/5	20	1865930000
ZPS 2.5/1AN/QV/6	20	1865940000
ZPS 2.5/1AN/QV/7	20	1865950000
ZPS 2.5/1AN/QV/8	10	1865960000
ZPS 2.5/1AN/QV/10	10	1865980000
ZPS 2.5/1AN/QV/11	10	1865990000
ZPS 2.5/1AN/QV/12	10	1866000000
ZPS 2.5/1AN/QV/13	10	1866010000
ZPS 2.5/1AN/QV/14	10	1866020000
ZPS 2.5/1AN/QV/15	10	1866030000
ZPS 2.5/1AN/QV/16	10	1866040000
ZPS 2.5/1AN/QV/1 GN	50	1865890000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/10 GE	24 A	20	1693880000
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
SD 0.6x3.5x100		1	9008330000
ESO 7 A4-BOGEN WEISS		10	1607720000
ZGB 30		20	1611930000
STR 7 F.SCHT 7		20	0515300000

DEK 5/5 / WS 10/5

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

Pluggable standard terminals WeiCos

WeiCoS – single slice elements

Single slice elements for self-assembly

The WeiCoS single slice elements from Weidmüller enhance flexibility by providing a solution for almost every application. The plug-in connectors are piped together to offer a compact modular solution directly in situ to suit the particular application. These single slices are available in green (GN) and beige (BE).

Single slice element ZP 2.5/1AN plug



Ordering data

Type	Qty.	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN BL	50	1009060000
ZP 2.5/1AN GN	50	1875180000
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA O.RA BL	50	1972980000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA BL	50	1009070000
ZP 2.5/1AN ZA GN	50	1875200000

Single slice element ZP 2.5/1AN/QV plug



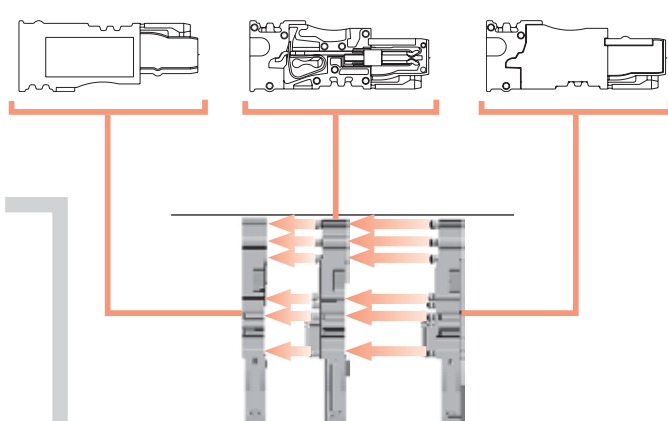
n

Ordering data

Type	Qty.	Order No.
ZP 2.5/1AN/QV	50	1007900000
ZP 2.5/1AN/QV ZA O.RA	50	1007960000
ZP 2.5/1AN/QV ZA	50	1007930000
ZP 2.5/1AN/QV BL	50	1007910000
ZP 2.5/1AN/QV ZAO.RA BL	50	1007970000
ZP 2.5/1AN/QV ZA BL	50	1007940000
ZP 2.5/1AN/QV GN	50	1007920000
ZP 2.5/1AN/QV ZAO.RA GN	50	1007980000
ZP 2.5/1AN/QV ZA GN	50	1007950000

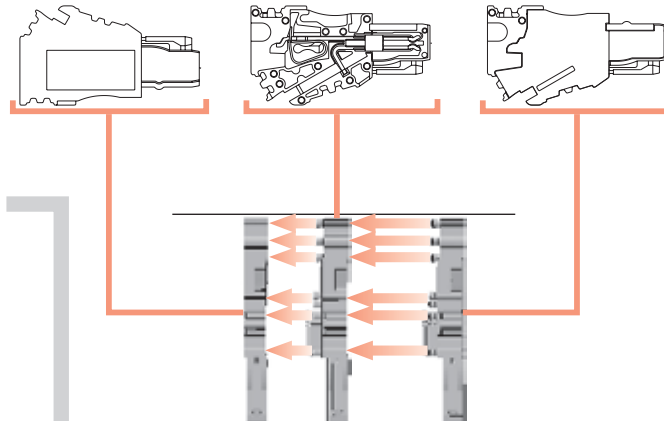
Construction of plug:

1 start element 1875150000 BE 1009060000 BL 1875180000 GN	n-2 core element 1875210000 BE 1972980000 BL 1875220000 GN	1 end element 1875190000 BE 1009070000 BL 1875200000 GN
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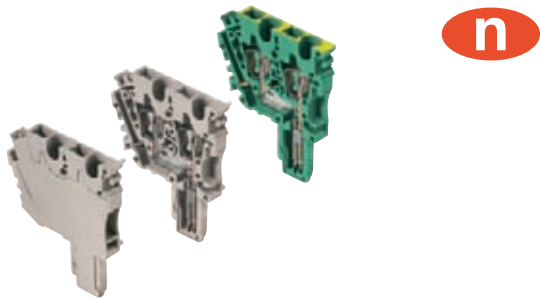


Construction of plug:

1 start element 1007900000 BE 1007910000 BL 1007920000 GN	n-2 core element 1007960000 BE 1007970000 BL 1007980000 GN	1 end element 1007930000 BE 1007940000 BL 1007950000 GN
---	--	---



Single slice element ZP 2.5/2AN/QV plug



Ordering data

Type	Qty.	Order No.
ZP 2.5/2AN/QV	50	1007810000
ZP 2.5/2AN/QV ZA O.RA	50	1007870000
ZP 2.5/2AN/QV ZA	50	1007840000
ZP 2.5/2AN/QV BL	50	1007820000
ZP 2.5/2AN/QV ZAO.RA BL	50	1007880000
ZP 2.5/2AN/QV ZA BL	50	1007850000
ZP 2.5/2AN/QV GN	50	1007830000
ZP 2.5/2AN/QV ZAO.RA GN	50	1007890000
ZP 2.5/2AN/QV ZA GN	50	1007860000

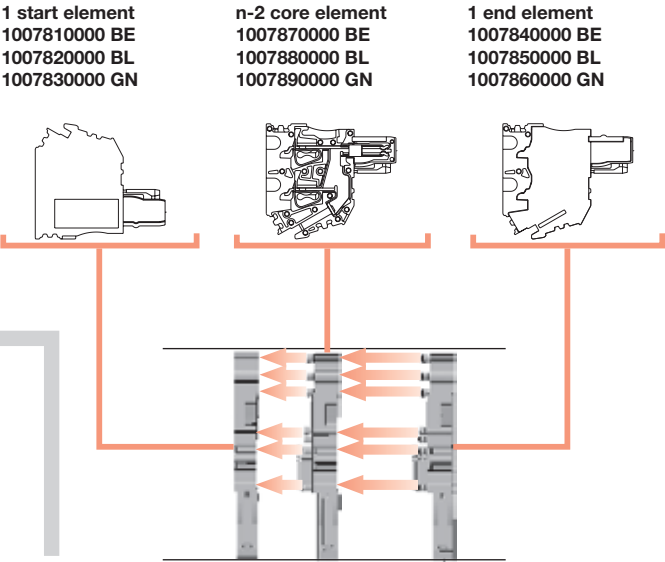
Single slice element ZPS coupling



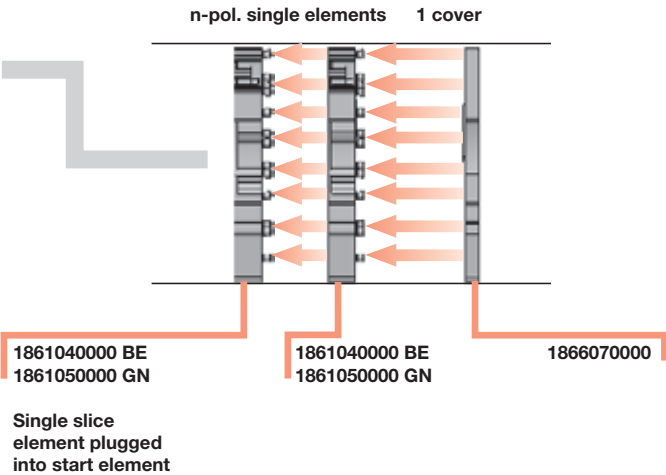
Ordering data

Type	Qty.	Order No.
GHDE ZPS 2.5/1AN	50	1866070000
ZPS 2.5/1AN/QV/1GN	50	1861050000
ZPS 2.5/1AN/QV	50	1861040000

Construction of plug:



Construction of coupling:



Distribution System

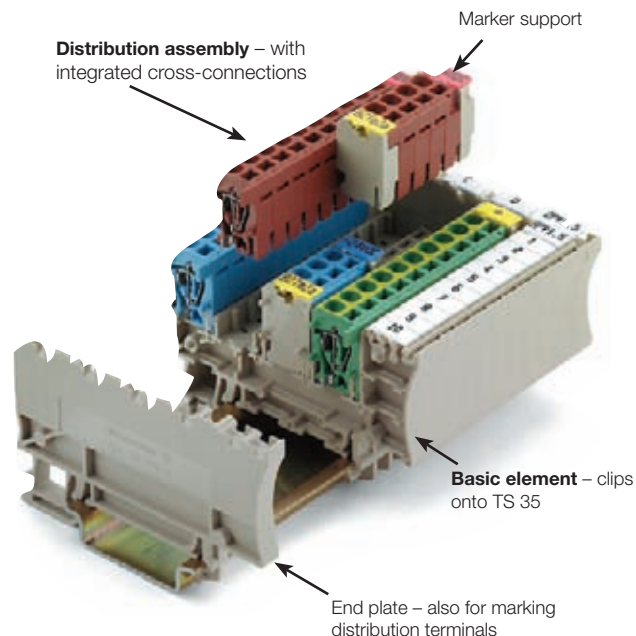
This modular system is based on the in-row individual modules of the distribution assembly with their integrated cross-connection.

The female contact is on one side, and the male contact on the other. The modular slice structure results in variable distribution assemblies depending on the application.

D

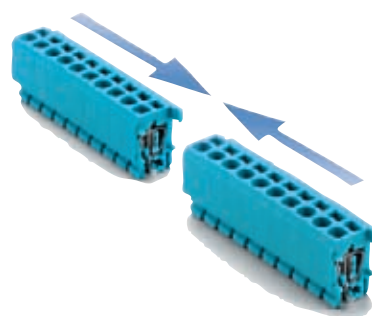
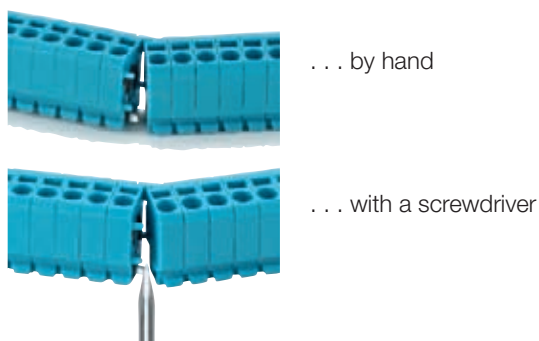
The supports for these module combinations are the basic elements which simply clip onto TS-35 mounting rails. The basic elements are available in different versions:

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

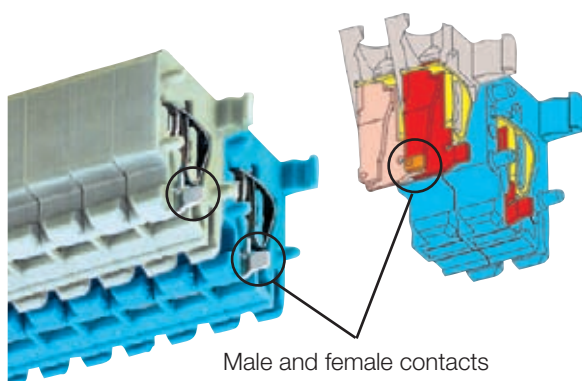


ZPV 1.5 – for easy assembly of variable pole numbers

- Easily separated
- Easily plugged into each other



- Integrated cross-connection



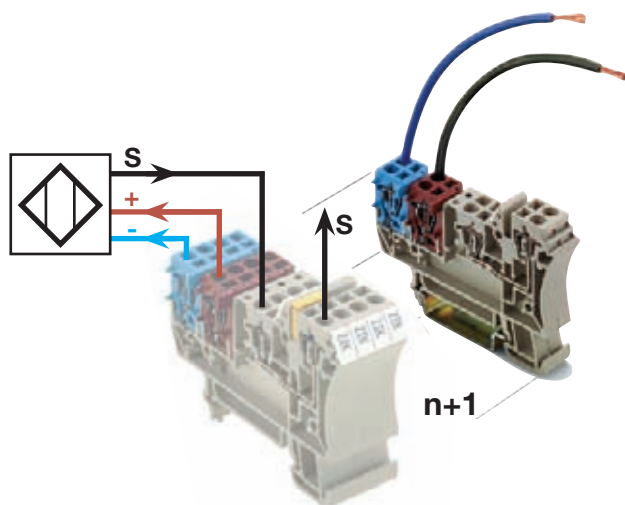
- Clips onto the basic elements by hand



Supplying initiators and actuators

The modular distribution assembly is a convenient way of supplying power to initiators and actuators.

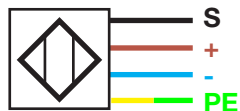
An additional basic element is used as a supply element which distributes the power to individual consumers across the cross-connected distribution terminals.



Initiator supply

via 1 additional standard basic element
 $\Rightarrow n + 1$ basic elements
 $\Rightarrow n + 1$ distribution assembly element for each circuit path
 (n = number of initiators)

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

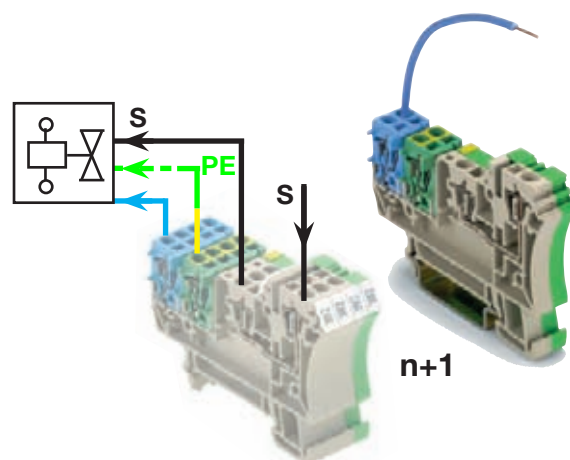


Or:

**Combined feed-through terminal (A, B, C)
 and potential distribution terminal (X, Y)**

Distribution assembly elements without male and female contacts and cross-connections for the feed-through terminal part make possible a great many different wiring solutions.

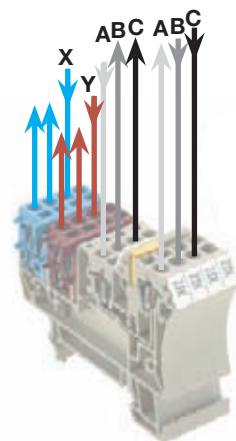
The control or information signal (S) is forwarded via the two clamping points of the basic elements. These can also be supplied optionally with an LED for status display.



Actuator supply

via 1 additional standard basic element
 $\Rightarrow n + 1$ PE basic elements
 $\Rightarrow n + 1$ distribution assembly element for each circuit path
 (n = no. of actuators)

For design reasons, the PE basic element is always positioned on the left at the beginning of a terminal series, and is only required once.



Initiator and actuator terminals

The modular distribution strip system

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	
Base terminal	
Base terminal with LED	
PE base terminal	
Modular distribution strip	
Dark beige Wemid	
Brown Wemid	
Blue Wemid	
green/yellow Wemid	
Dark beige Wemid	
Note	

Accessories

Pluggable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
50-pole	
End plate / partition	
Dark beige Wemid	
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

ZPV 1.5

1.5 mm²

Base element



6.7 x 67.8 x 38
/
...

IEC 60947-7-1

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 26...14	AWG 26...14
	4 / 3	
	/ V-0	



Rated connection Rated connection

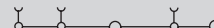
ZIA 1.5/3 L...

1.5 mm²

Base element 3-wire



5.1 x 68.5 x 46
/ 2.5
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 26...14	AWG 26...14
	4 / 3	
	A1 / V-0	



Rated connection Rated connection

0.5...2.5	0.5...2.5
0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm

Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)

Type	Qty	Order No.
ZPV 1.5	100	1676630000
Type	Qty	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000
ZVL 1.5 O.QV = distribution strip without internal bridge for park position		

Type	Qty	Order No.
ZIA 1.5/3L-1S	100	1651980000
ZIA 1.5/3L-1S/LD	50	1651990000
ZIA 1.5/3L-PE	20	1652000000
Type	Qty	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000
ZVL 1.5 O.QV = distribution strip without internal bridge for park position		

Type	Qty	Order No.
Width		
ZAP/TW ZPV1.5	5.1 mm	50 1674650000
Width		
SD 0.6x3.5x100	1	9008330000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/50	24 A	10	1697540000
Width			
ZAP/TW ZIA1.5/3L	5.1 mm	50	1649540000
Width			
SD 0.6x3.5x100		1	9008330000
ZRH 1.5N/1	1000		1632140000
ZRH 1.5N/2	1000		1632130000

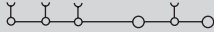
DEK 5/5

ZIA 1.5/4 L...**1.5 mm²****Base element 4-wire**

5.1 x 81.5 x 46

/ 2.5

0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 26...14	AWG 26...14
4 / 3		
A1 / V-0		

Rated connection	Rated connection
0.5...2.5	0.5...2.5
0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm

Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)

Type	Qty	Order No.
ZIA 1.5/4L-1S	100	1652010000
ZIA 1.5/4L-1S/LD	50	1652020000
ZIA 1.5/4L-PE	20	1652030000
Type	Qty	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000
ZVL 1.5 O.QV = distribution strip without internal bridge for park position		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/50	24 A	10	1697540000
Width			
ZAP/TWZIA1.5/4L	5.1 mm	50	1649550000
SD 0.6x3.5x100		1	9008330000
Width			
ZRH 1.5N/1		1000	1632140000
ZRH 1.5N/2		1000	1632130000

DEK 5/5

ZVL 1.5**1.5 mm²****Distribution strip**

5.1 x 12.9 x 17.4

/ 2.5

0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 26...14	AWG 26...14
4 / 3		
A2 / V-0		

Rated connection	Rated connection
0.5...2.5	0.5...2.5
0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000
ZVL 1.5 O.QV = distribution strip without internal bridge for park position		

Type	Qty	Order No.
SD 0.6x3.5x100	1	9008330000
Width		
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000

DEK 5/5

Integral cross-connections.
Distributor strip for base element ZPV 1.5 order No. 1676630000

Modular design

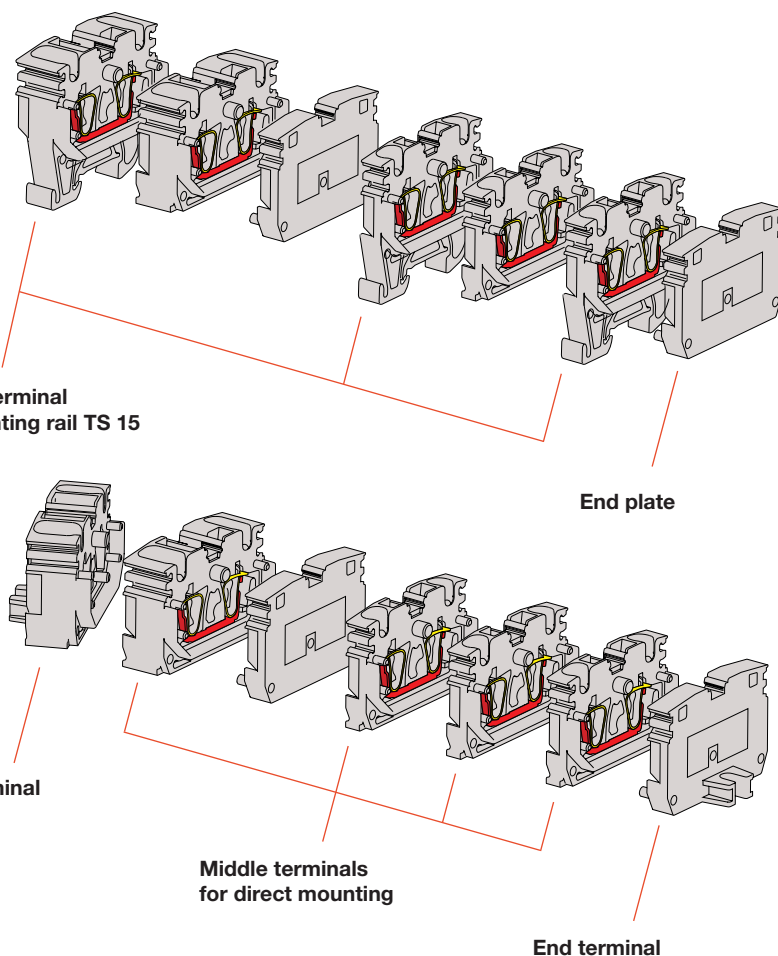
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

There are three different marking options for quick and clear identification of each terminal.

Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.



**Middle terminal
for mounting rail TS 15**

End plate

End terminal

**Middle terminals
for direct mounting**

End terminal

Individual blocks are put together from **middle terminals** and an end plate for the open side. Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

... with 4 different means of fastening



ZDUB 2.5-2 DM

Direct mounting with screw fastening on mounting plate

The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.



ZDUB 2.5-2 RC

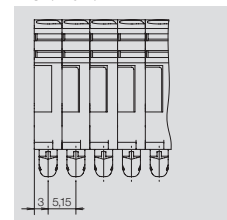
Clip-on fastening on mounting plates

The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes.

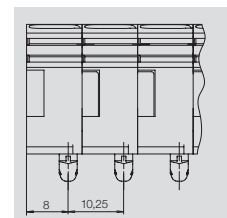
The open side of the terminal is closed by an end plate.



Drilling plan:
ZDUB/2.5-2/2AN



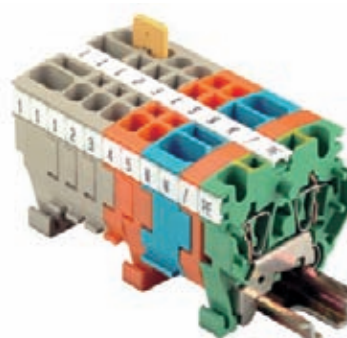
ZDUB 2.5-2/4AN



ZPEB 2.5-2 TS 15

Fitting on mounting rail TS 15

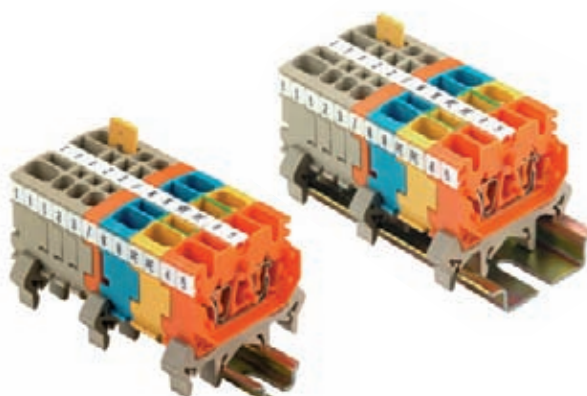
For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.



MOFU TS 15/35

Mounting foot for mounting rail TS 15/35

The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.



Mini terminals

Terminal blocks for different fixing systems

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

Width/Length/Height	mm
max. current / max. cond. cross-section	A/mm 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

Central terminals	
	Dark beige Wemid
	Blue Wemid
	yellow Wemid
Note	

Accessories

Pluggable cross-connection	
	2-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Orange PA
Screwdriver	
	Standard

Marking systems (see assortment in catalogue 7)

Marking tags

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

ZDUB 2.5-2/2AN/RC

2.5 mm²

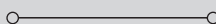
Two connections



5.1 x 33.2 x 28.8

30 / 4

0.13...4



IEC 60947-7-1

Ex e ll



II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			
KEMA 97ATEX2755 U			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
Note			
Snap-on clip			

Type	Qty	Order No.
ZDUB 2.5-2/2AN/RC	100	1712820000
ZDUB 2.5-2/2AN/RC BL	100	1712830000
ZDUB 2.5-2/2AN/RC GE	100	1712850000
Diameter of mounting hole for locating clip is 3.5 mm for sheet thickness 0.6-1.2 mm.		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
SD 0.6x3.5x100			
		1	9008330000

DEK 5/5 / WS 10/5

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

ZDUB 2.5-2/4AN/RC

2.5 mm²

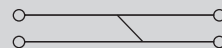
Four connections



10.2 x 33.5 x 29

30 / 4

0.13...4



IEC 60947-7-1

Ex e ll



II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			
KEMA 97ATEX2755 U			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
Note			
Snap-on clip			

Type	Qty	Order No.
ZDUB 2.5-2/4AN/RC	100	1712970000
ZDUB 2.5-2/4AN/RC BL	100	1712980000
ZDUB 2.5-2/4AN/RC GE	100	1713000000
Diameter of mounting hole for locating clip is 3.5 mm for sheet thickness 0.6-1.2 mm.		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
SD 0.6x3.5x100			
		1	9008330000

DEK 5/5 / WS 10/5

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

Terminal blocks for different fixing systems

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

Width/Length/Height	mm
max. current / max. cond. cross-section	A/mm 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

Central terminals	
	Dark beige Wemid
	Blue Wemid
	yellow Wemid
End terminals	
	Dark beige Wemid
	Blue Wemid
	yellow Wemid
Note	

Accessories

Pluggable cross-connection	
	2-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Orange PA
Mounting blocks	
	Dark beige Wemid
Screwdriver	
	Standard
Mounting foot for TS15 & TS35	
	Dark beige Wemid

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

ZDUB 2.5-2/2AN/DM

2.5 mm²

Two connections



5.1 x 33.5 x 24	
30 / 4	
0.13...4	

IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			
KEMA 97ATEX2755 U			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
Direct mounting			

Type	Qty	Order No.
ZDUB 2.5-2/2AN/DM	100	1704350000
ZDUB 2.5-2/2AN/DM BL	100	1704360000
ZDUB 2.5-2/2AN/DM GE	100	1704380000
ZDUB 2.5-2/2AN/DB	100	1704500000
ZDUB 2.5-2/2AN/DB BL	100	1704510000
ZDUB 2.5-2/2AN/DB GE	100	1704530000

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
ZBB ZDUB	5.1 mm	50	1704740000
SD 0.6x3.5x100		1	9008330000
MOFU 15/35 ZDUB	5 mm	50	1723660000

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

ZDUB 2.5-2/4AN/DM

2.5 mm²

Four connections



10.2 x 33.5 x 24	
30 / 4	
0.13...4	

IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			
KEMA 97ATEX2755 U			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
Direct mounting			

Type	Qty	Order No.
ZDUB 2.5-2/4AN/DM	100	1704540000
ZDUB 2.5-2/4AN/DM BL	100	1704550000
ZDUB 2.5-2/4AN/DM GE	100	1704570000
ZDUB 2.5-2/4AN/DB	100	1704690000
ZDUB 2.5-2/4AN/DB BL	100	1704700000
ZDUB 2.5-2/4AN/DB GE	100	1704720000

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
ZBB ZDUB	5.1 mm	50	1704740000
SD 0.6x3.5x100		1	9008330000
MOFU 15/35 ZDUB	5 mm	50	1723660000

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

Mini terminals

Terminal blocks for different fixing systems

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

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm 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

Central terminals	
	Dark beige Wemid
	Blue Wemid
	green/yellow Wemid
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Orange PA
End bracket	
Screwdriver	
	Standard

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

ZDUB 2.5-2/2AN/TS15

2.5 mm²

Two connections



5.1 x 33.5 x 32
30 / 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	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			
KEMA 97ATEX2755 U			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
TS 15 - block design			

Type	Qty	Order No.
ZDUB 2.5-2/2AN/15	100	1712750000
ZDUB 2.5-2/2AN/15 BL	100	1712760000

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
ZEW 15			
	5 mm	20	7920340000
SD 0.6x3.5x100			
		1	9008330000

DEK 5/5 / WS 10/5
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

ZDUB 2.5-2/4AN/TS15

2.5 mm²

Four connections



10.2 x 33.5 x 32
30 / 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	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			
KEMA 97ATEX2755 U			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
TS 15 - block design			

Type	Qty	Order No.
ZDUB 2.5-2/4AN/15	100	1712780000
ZDUB 2.5-2/4AN/15 BL	100	1712790000

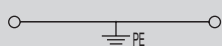
Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
ZEW 15			
	5 mm	20	7920340000
SD 0.6x3.5x100			
		1	9008330000

DEK 5/5 / WS 10/5
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

ZPEB 2.5-2**2.5 mm²****Two connections**

5.1 x 33.5 x 32

/ 4

0.13...4

IEC 60947-7-2

Ex e II II 2 G D

IEC UL CSA EN 60079-7

2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX2755 U

Rated connection

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - block design

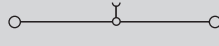
Type	Qty	Order No.
ZPEB 2.5-2	100	1712810000

Type	Qty	Order No.
Width		
ZAP ZDUB	5 mm 50	1704750000
ZEW 15	5 mm 20	7920340000
SD 0.6x3.5x100	1	9008330000

DEK 5/5 / WS 10/5

ZDUA 2.5-2**2.5 mm²****Two connections**

5.1 x 35 x 30.5

30 / 4**0.13...4**

IEC 60947-7-1

Ex e II II 2 G D

IEC UL CSA EN 60079-7

500	300	300	275
24	20	20	20
2.5	AWG 26...12	AWG 26...12	2.5
6 / 3			
A2 / V-0			



KEMA 97ATEX4678 U

Rated connection

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - thin element design

Type	Qty	Order No.
ZDUA 2.5-2	100	1720920000
ZDUA 2.5-2 BL	100	1720930000

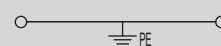
Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/50 GE	24 A	5	1693890000
Width			
ZAP/TW ZDUA	1.5 mm	50	1720960000
ZAP/TW ZDUA BL	1.5 mm	50	1720970000
ZAP/TW ZDUA OR	1.5 mm	50	1720980000
ZEW 15	5 mm	20	7920340000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5

ZPEA 2.5-2**2.5 mm²****Two connections**

5.1 x 35 x 30.5

/ 4

0.13...4

IEC 60947-7-2

Ex e II II 2 G D

IEC UL CSA EN 60079-7

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



KEMA 97ATEX4678 U

Rated connection

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - thin element design

Type	Qty	Order No.
ZPEA 2.5-2	100	1720950000

Type	Qty	Order No.
Width		
ZAP/TW ZDUA	1.5 mm 50	1720960000
ZEW 15	5 mm 20	7920340000
SD 0.6x3.5x100	1	9008330000

DEK 5/5 / WS 10/5

Mini terminals

Terminal blocks for different fixing systems

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

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm 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

Central terminals	
	Dark beige Wemid
	Blue Wemid
	green/yellow Wemid
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Orange PA
End bracket	
Screwdriver	
	Standard

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

ZDUA 2.5-2N

2.5 mm²

Two connections



5.1 x 42.5 x 34.7	
30 / 4	
0.13...4	

IEC 60947-7-1

IEC	UL	CSA
800	600	600
24	20	20
2.5	AWG 26...12	AWG 26...12
	8 / 3	
	A2 / V-0	
Rated connection		
0.5...4		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
TS 15 - thin element design		

Type	Qty	Order No.
ZDUA 2.5-2N	100	1808200000
ZDUA 2.5-2N BL	100	1808180000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/50 GE	24 A	5	1693890000
Width			
ZAP/TW ZDUA2.5-2N	2.5 mm	50	1808170000
ZAP/TW ZDUA2.5-2N BL	2.5 mm	50	1808150000
ZAP/TW ZDUA2.5-2N OR	2.5 mm	50	1808160000
ZEW 15			
	5 mm	20	7920340000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5

ZPEA 2.5-2N

2.5 mm²

Two connections



5.1 x 42.5 x 34.7	
/ 4	
0.13...4	

IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
	8 / 3	
	A2 / V-0	
Rated connection		
0.5...4		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
TS 15 - thin element design		

Type	Qty	Order No.
ZPEA 2.5-2N	100	1808210000

Type		Qty	Order No.
Width			
ZAP/TW ZDUA2.5-2N	2.5 mm	50	1808170000
ZAP/TW ZDUA2.5-2N BL	2.5 mm	50	1808150000
ZEW 15	5 mm	20	7920340000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5

Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 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	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
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
	Dark beige Wemid (red LED)
	Orange
Note	

Accessories

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

ZDU 2.5/2x2AN/LD+

2.5 mm²

LED indicator



5.1 x 79.5 x 39.5

/ 4

0.5...4



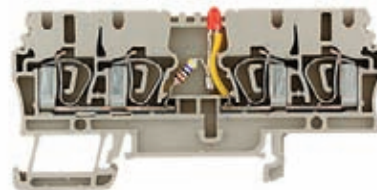
IEC 60947-7-1

IEC	UL	CSA
24		
0.05		
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A3 / V-0	
Approvals		
24 / 0		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		

ZDU 2.5/2x2AN/LD-

2.5 mm²

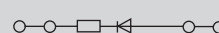
LED indicator



5.1 x 79.5 x 39.5

/ 4

0.5...4



IEC 60947-7-1

IEC	UL	CSA
24		
0.05		
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A3 / V-0	
Approvals		
24 / 0		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		

Type	Qty	Order No.
ZDU 2.5/2X2AN/LD-	20	1692600000

Type	Qty	Order No.
ZDU 2.5/2X2AN/LD+	20	1692590000

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

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

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

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

ZDU 2.5/2x2AN/D+2.5 mm²

Diode circuit



5.1 x 79.5 x 39.5
/ 4
0.5...4

IEC 60947-7-1		
IEC	UL	CSA
400		
1		
2.5		
	6 / 3	
	A3 / V-0	
1000 / 1		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		

Type	Qty	Order No.
ZDU 2.5/2X2AN/D+	20	1650340000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

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

DEK 5/5 / WS 10/5

ZDU 2.5/2x2AN/D-2.5 mm²

Diode circuit



5.1 x 79.5 x 39.5
/ 4
0.5...4

IEC 60947-7-1		
IEC	UL	CSA
400		
1		
2.5		
	6 / 3	
	A3 / V-0	
1000 / 1		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		

Type	Qty	Order No.
ZDU 2.5/2X2AN/D-	20	1650350000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

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

DEK 5/5 / WS 10/5

Terminals with electronic components

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

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	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
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
	Dark beige Wemid (red LED)
	Orange
Note	

Accessories

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

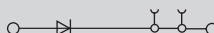
ZDU 2.5-2/D+

2.5 mm²

Diode circuit



5.1 x 50.5 x 44
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
400	600	600
1	1	1
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A2 / V-0	
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

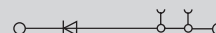
ZDU 2.5-2/D-

2.5 mm²

Diode circuit



5.1 x 50.5 x 44
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
400	600	600
1	1	1
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A2 / V-0	
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
2.5 mm 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/D-	20	1779000000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

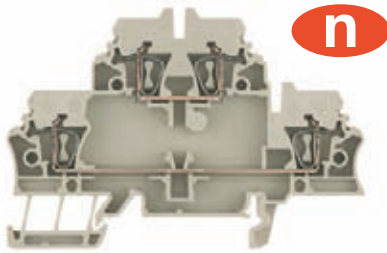
Type	Qty	Order No.
ZDU 2.5-2/D+	20	1779110000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

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

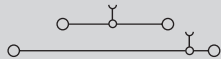
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2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

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 14/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 14/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZDK 2.5 EM**2.5 mm²****Double level terminals**

5.1 x 79.5 x 54

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

IEC 60947-7-1

Ex e II



II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	10	10	18
2.5	AWG 30...12	AWG 26...12	2.5

6 / 3

A2 / V-0



KEMA 97ATEX4677 U

Rated connection

0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

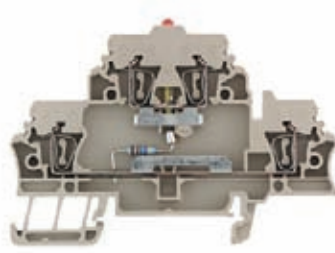
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5 EM	50	1768800000
ZDK 2.5 OR	50	1694140000
Empty electronics enclosure for do-it-yourself soldering of components.		

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

DEK 5/5 / WS 12/5

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

ZDK 2.5/LD RT/1**2.5 mm²****LED circuit**

5.1 x 79.1 x 54

/ 2.5**0.05...2.5**

IEC 60947-7-1

IEC	UL	CSA
24	24	24
10	10	10
2.5	AWG 30...12	AWG 26...12

/ 3

A2 / V-0



24 / 0

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

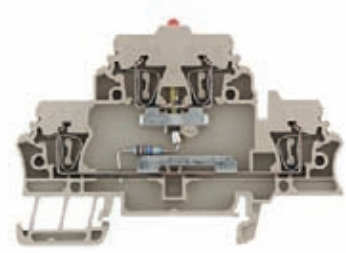
10 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZDK 2.5/LD RT/1	50	1690010000
Current of continuous busbar = 10 A		

Type	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
Width			
ZEW 35	6 mm	20	9540000000
Width			
SD 0.6x3.5x100		1	9008330000
Width			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

ZDK 2.5/LD RT/2**2.5 mm²****LED circuit**

5.1 x 79.1 x 54

/ 2.5**0.05...2.5**

IEC 60947-7-1

IEC	UL	CSA
24	24	24
10	10	10
2.5	AWG 30...12	AWG 26...12

/ 3

A2 / V-0



24 / 0

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZDK 2.5/LD RT/2	50	1693940000
Current of continuous busbar = 10 A		

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

DEK 5/5 / WS 10/5

Terminals with electronic components

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

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	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
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
	Dark beige Wemid (red LED)
	Orange
Note	

Accessories

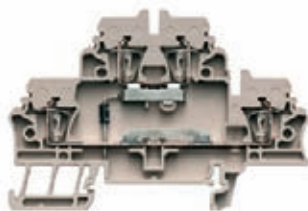
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / AWG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

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

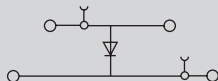
ZDK 2.5/D/1

2.5 mm²

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



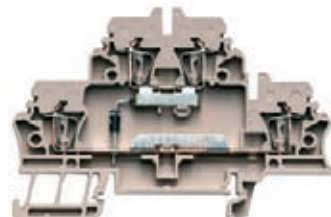
IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

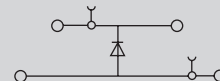
ZDK 2.5/D/2

2.5 mm²

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZDK 2.5/D/2	50	1690030000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

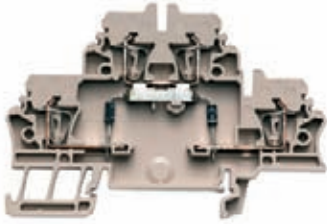
Type	Qty	Order No.
ZDK 2.5/D/1	50	1690020000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

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

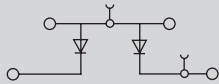
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000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

Marking systems	
	DEK 5/5 / WS 10/5

Marking systems	
	DEK 5/5 / WS 10/5

ZDK 2.5/D/4**2.5 mm²****Diode circuit**

5.1 x 79.1 x 54

/ 2.5**0.05...2.5**

IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZDK 2.5/D/4	50	1690040000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

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

ZAP/TW ZDK2.5	1.5 mm	20	1674730000
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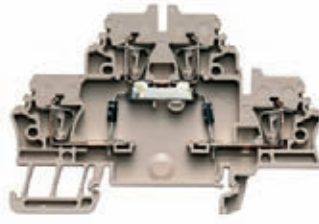
ZEW 35	6 mm	20	9540000000
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SD 0.6x3.5x100	1	9008330000
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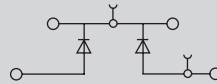
ZRH 1.5H/1	1000	1678810000
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ZRH 1.5H/2	1000	1678800000
------------	------	-------------------

DEK 5/5 / WS 10/5

ZDK 2.5/D/5**2.5 mm²****Diode circuit**

5.1 x 79.1 x 54

/ 2.5**0.05...2.5**

IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZDK 2.5/D/5	50	1690050000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

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

ZAP/TW ZDK2.5	1.5 mm	20	1674730000
---------------	--------	----	-------------------

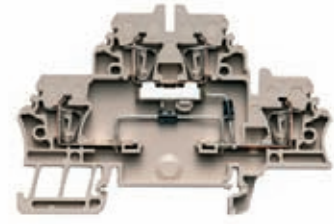
ZEW 35	6 mm	20	9540000000
--------	------	----	-------------------

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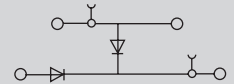
ZRH 1.5H/1	1000	1678810000
------------	------	-------------------

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

DEK 5/5 / WS 10/5

ZDK 2.5/D/6**2.5 mm²****Diode circuit**

5.1 x 79.1 x 54

/ 2.5**0.05...2.5**

IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZDK 2.5/D/6	50	1690060000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

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

ZAP/TW ZDK2.5	1.5 mm	20	1674730000
---------------	--------	----	-------------------

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

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

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

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

DEK 5/5 / WS 10/5

Terminals with electronic components

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	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
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
	Dark beige Wemid (red LED)
	Orange
Note	

Accessories

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

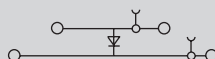
ZDK 4-2/D forward

4 mm²

Diode circuit



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



IEC 60947-7-1

IEC	UL	CSA
800	300	300
1	1	1
4	AWG 26...10	AWG 26...10
	8 / 3	
	A3 / V-0	



1000 / 1

Rated connection

0.5...6 / 1.5...4
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

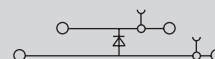
ZDK 4-2/D reverse

4 mm²

Diode circuit



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



IEC 60947-7-1

IEC	UL	CSA
800	300	300
1	1	1
4	AWG 26...10	AWG 26...10
	8 / 3	
	A3 / V-0	



1000 / 1

Rated connection

0.5...6 / 1.5...4
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDK 4-2/D forward	50	8670520000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

Type	Qty	Order No.
ZDK 4-2/D reverse	50	8670640000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

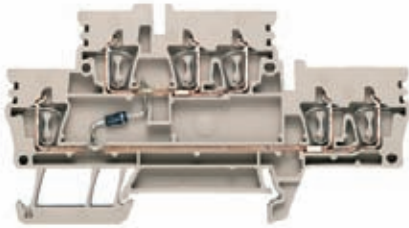
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000

Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
		1	9008330000

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

Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
		1	9008330000

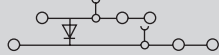
Marking systems	(see assortment in catalogue 7)
	DEK 5/6
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZDK 2.5/3AN D1**4 mm²****Diodenschaltung**

5.1 x 93 x 44

/ 4

0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	300	300
1		
4	AWG 30...12	AWG 30...12
	6 / 3	
	A2 / V-0	
1000 / 1		

Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.21...2.5

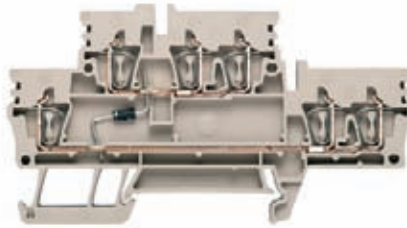
10 / 0.6 x 3.5 mm

2.5 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 D1	50	1924440000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK 2.5/3AN	2 mm	20	1924910000
ZEW 35/2	8 mm	20	8630740000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

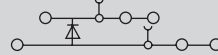
DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).**ZDK 2.5/3AN D2****4 mm²****Diodenschaltung**

5.1 x 93 x 44

/ 4

0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	300	300
1		
4	AWG 30...12	AWG 30...12
	6 / 3	
	A2 / V-0	
1000 / 1		

Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.21...2.5

10 / 0.6 x 3.5 mm

2.5 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 D2	50	1924450000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

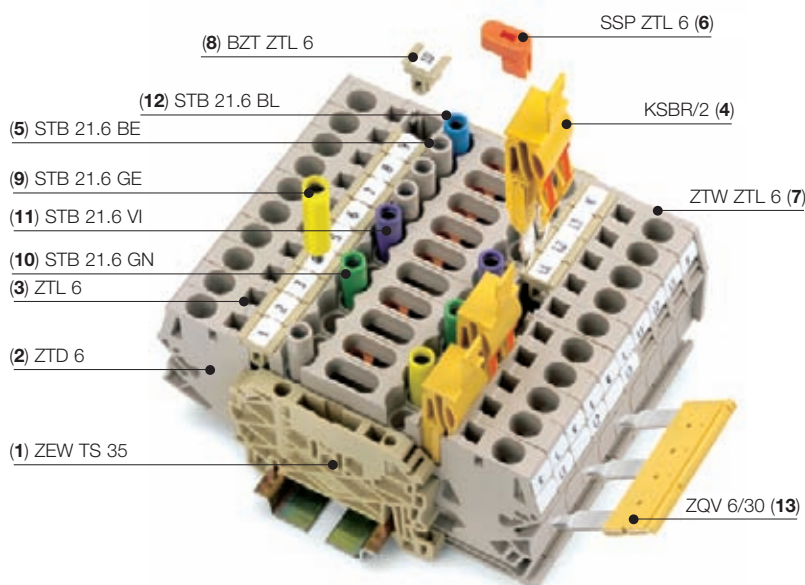
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK 2.5/3AN	2 mm	20	1924910000
ZEW 35/2	8 mm	20	8630740000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

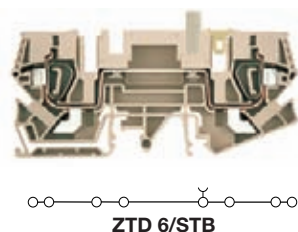
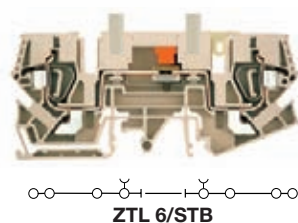
2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

Test-disconnect terminals

Test-disconnect terminal blocks for metering with the ZTL 6

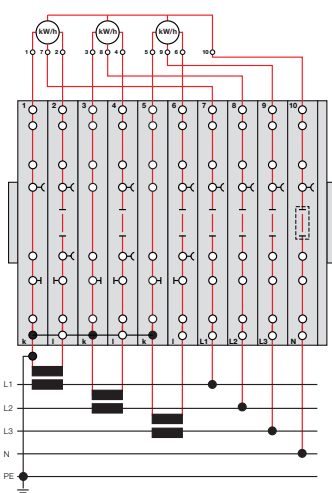


Pos.	Type	Qty.	Order No.
1	ZEW TS 35 (TS 35 only)	2	9540000000
1	EWK1 (TS 32 only)	2	0206160000
2	ZTD 6	3	1771810000
3	ZTL 6	7	1771800000
4	KSBR/2	3	1771820000
5	STB 21.6 BE	11	1071000000
6	SSP ZTL 6	1	1771860000
7	ZTW ZTL 6	1	1771870000
8	BZT ZTL 6	4	1781140000
optional for better marking (instead of 11 x pos. 5):			
5	STB 21.6 BE	4	1071000000
9	STB 21.6 GE	2	1071010000
10	STB 21.6 GN	2	1071020000
11	STB 21.6 VI	2	1071030000
12	STB 21.6 BL	1	1071080000
optional addition for a joint internal k-point:			
13	ZQV 6/30*	1	1733640000
* Shorten to 5 poles			

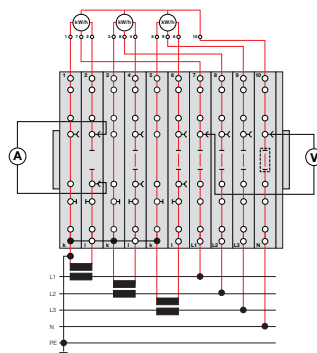


Operating status

(with internal distribution of the k-point)



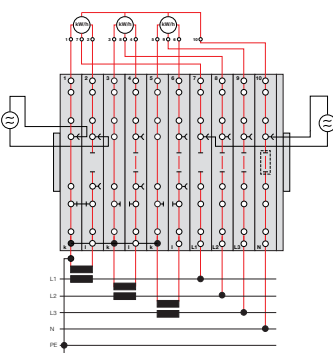
Comparison measurement for L1



Operation depending on the operating status

1. Connect ammeter to test sockets at terminal 2.
2. Open the disconnect slide link of terminal 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

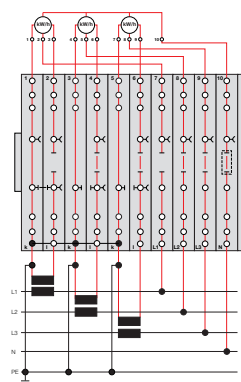
Meter test for L1 through external power supply



Operation depending on the operating status:

1. Insert short-circuit plugs into terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on the operating status:

1. Insert the short-circuit plugs into terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Terminal for power supply

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

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm 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	
	With socket
	Without socket
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / partition	
	End plate
Testing / Checking	
	Test plug
	Socket, grey
	Socket, green
	Socket, violet
	Socket, blue
Miscellaneous accessories	
	Short-circuit plug, 2-pole
	Short-circuit plug, 3-pole
	Short-circuit plug, 4-pole
Marker holder	

ZTD 6

6 mm²

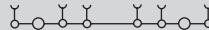
Feed-through terminal



8 x 106 x 47.5

52 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
800	300	300
41	33	33
6	AWG 20...8	AWG 20...8
8 / 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...6
0.5...6 / 0.5...6
13 / 0.8 x 4 mm

400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTL 6 with screw = 0.5 to 0.6 Nm

Type	Qty	Order No.
ZTD 6/STB	20	1771960000
ZTD 6	20	1771810000

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZTW ZTL6	2 mm	20	1771870000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 21.6/IH/GE WTL6/3	6.2 mm	50	1071010000
STB 21.6/IH/GN WTL6/3	6.2 mm	50	1071020000
STB 21.6/IH/VI WTL6/3	6.2 mm	50	1071030000
STB 21.6/IH/BL WTL6/3	6.2 mm	50	1071080000
Width			
KSBR/2 ZTL6		20	1771820000
KSBR/3 ZTL6		20	1771830000
KSBR/4 ZTL6		20	1771840000
Width			
BZT ZTL6		20	1781140000

ZTL 6

6 mm²

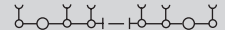
Disconnect test terminal



8 x 106 x 47.5

52 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
800	300	300
41	33	33
6	AWG 20...8	AWG 20...8
8 / 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...6
0.5...6 / 0.5...6
13 / 0.8 x 4 mm

400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTL 6 with screw = 0.5 to 0.6 Nm

Type	Qty	Order No.
ZTL 6/STB	20	1771950000
ZTL 6	20	1771800000

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZTW ZTL6	2 mm	20	1771870000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 21.6/IH/GE WTL6/3	6.2 mm	50	1071010000
STB 21.6/IH/GN WTL6/3	6.2 mm	50	1071020000
STB 21.6/IH/VI WTL6/3	6.2 mm	50	1071030000
STB 21.6/IH/BL WTL6/3	6.2 mm	50	1071080000
Width			
KSBR/2 ZTL6		20	1771820000
KSBR/3 ZTL6		20	1771830000
KSBR/4 ZTL6		20	1771840000
Width			
BZT ZTL6		20	1781140000

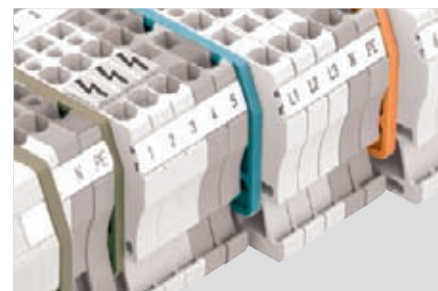
Extra functions

Extra functions

Weidmüller offers the user of Z-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions. All Weidmüller accessories are built to the same high standards as the terminals themselves.

Visual separation

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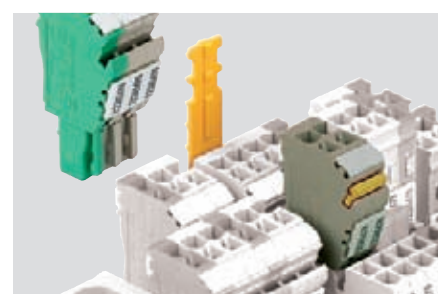


To guarantee “finger-safe” use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

End cover plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Pluggable terminals

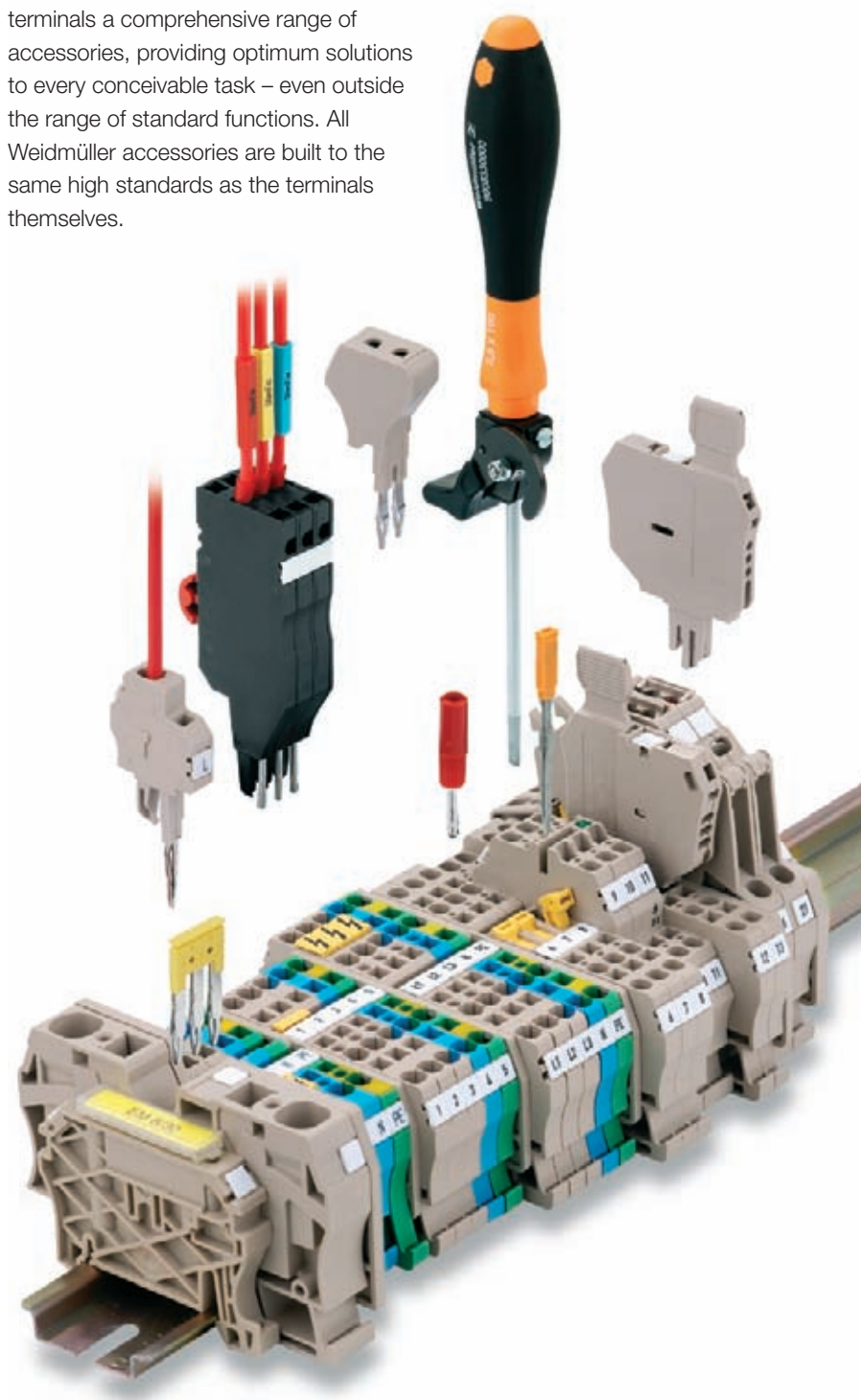
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WeiCoS

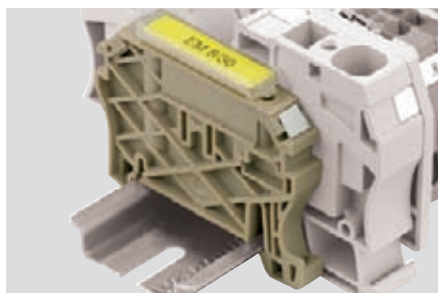
Weidmüller Connection System

This new generation of pluggable terminals is structured on the modular principle. The basic elements of the WeiCoS system are one terminal for the functional unit on the mounting rail and a plug-in connector for elements to be connected (cable harness production).



Fastening

Chapter G

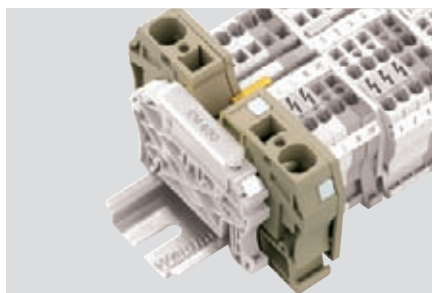


An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position.

The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter G**.

Electrical supply

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Weidmüller's tension clamp terminals have three supply terminals:

ZEI 16 for standard terminals

ZEI 16-2/1 AN for Roof-Style terminals

ZEI 6 for ZDU 1.5 ...

Cross-connections divide the supply current into several feeder currents. Current is supplied across a conductor cross-section of 16 mm² and then distributed across neighbouring terminals for 1.5 mm², 2.5 mm², 4 mm² and 6 mm² cross-sectional areas.

Electrical distribution

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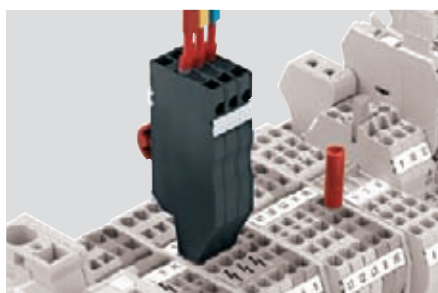


A plug-in **cross-connection system (ZQV)** is available for all Z-Series terminals.

The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be conveyed across the cross-section, depending on the rated voltage of the terminal.

Testing

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The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. It is simply slotted onto the terminal. This creates contact with the current carrying busbar.

The unit is released from the terminal simply by pressing the release button.

Marking and connecting

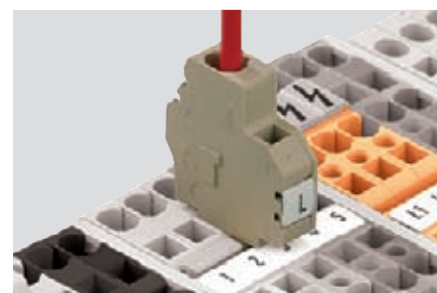
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Weidmüller's marking systems in **chapter G** are used to mark tension clamp terminals. Individual terminals, terminal groups and conductors can be marked. The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter G**. As an alternative to screwdrivers, fully insulated operating tools are also available; see page D.136.

Specific functions/
colour variations

Page D.138

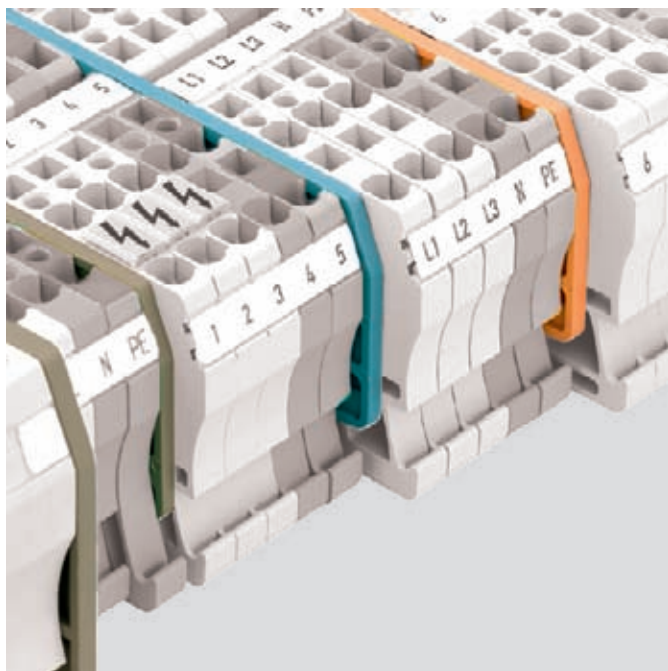


Further helpful accessories are available for terminals using tension clamp technology, such as:

- Pluggable extra connections (ZZA)
- Housings for installation of electronic components (ZBS 1)
- Pluggable fuse holder (SIHA 1 to SIHA 3)
- Terminals in various colours.
- Accessories for fuses
- Reducing sleeves

Accessories - Optical separation

End plates



Touch-safe protection

The last terminal in a terminal strip must be closed off with a ZAP/TW-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures that the touch-safe requirement is met for live-voltage components and that the terminals are touch-safe.

Optical separation

Coloured end plates are very frequently used for optically distinguishing the circuits.

Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

... for standard terminals

Type	Width	2 mm	Colour	Qty	Order No.	For terminal:
ZAP/TW ZDU1.5/2AN			beige	20	1776030000	ZDU 1.5
ZAP/TW ZDU1.5/2AN BL			blue	20	1776040000	ZDU 1.5 BL
ZAP/TW ZDU1.5/2AN OR			Orange	20	1776050000	ZPE 1.5
Width 2 mm						
ZAP/TW ZDU1.5/3AN			beige	20	1776060000	ZDU 1.5/3 AN
ZAP/TW ZDU1.5/3AN BL			blue	20	1776070000	ZDU 1.5/3 AN/BL
ZAP/TW ZDU1.5/3AN OR			Orange	20	1776080000	ZPE 1.5/3AN
Width 2 mm						
ZAP/TW ZDU1.5/4AN			beige	20	1776090000	ZDU 1.5 2X2AN
ZAP/TW ZDU1.5/4AN BL			blue	20	1776100000	ZDU 1.5 2X2AN BL
ZAP/TW ZDU1.5/4AN OR			Orange	20	1776110000	ZDU 1.5/4 AN
						ZDU 1.5/4 AN/BL
						ZPE 1.5/4AN
Width 2 mm						
ZAP/TW ZDK1.5			dark beige	20	1791160000	ZDK 1.5
ZAP/TW ZDK1.5 BL			blue	20	1791170000	ZDK 1.5 BL
ZAP/TW ZDK1.5 OR			Orange	20	1791180000	ZDK 1.5 PE
						ZDK 1.5DU-PE
						ZDK 1.5V
						ZDK 1.5V BL
Width 2 mm						
ZAP/TW 1			dark beige	50	1608740000	ZDU 2.5
ZAP/TW 1 BL			blue/light blue	50	1608750000	ZDU 2.5 BL
ZAP/TW 1 GN			green	50	1683680000	ZPE 2.5
ZAP/TW 1 GR			grey	50	1683710000	ZTR 2.5
ZAP/TW 1 OR			Orange	50	1608760000	ZTR 2.5 BL
ZAP/TW 1 RT			red	50	1683660000	ZTR 2.5/O. TNHE
Width 2 mm						
ZAP/TW 2 BL			blue/light blue	50	1608780000	ZDU 2.5/3AN
ZAP/TW 2 DB			dark beige	50	1608770000	ZDU 2.5/3AN BL
ZAP/TW 2 GN			green	50	1683760000	ZPE 2.5/3AN
ZAP/TW 2 OR			Orange	50	1608790000	
Width 2 mm						
ZAP/TW 3			dark beige	50	1608800000	ZDU 2.5/2X2AN
ZAP/TW 3 BL			blue/light blue	50	1608810000	ZSI 2.5
ZAP/TW 3 GN			green	50	1683840000	ZSI 2.5/5X25
ZAP/TW 3 GR			grey	50	1683870000	ZSI 2.5/LD 120AC
ZAP/TW 3 OR			Orange	50	1608820000	ZSI 2.5/LD 250AC
ZAP/TW 3 RT			red	50	1683820000	ZSI 2.5/LD 28AC
ZAP/TW 3 SW			black	50	1683890000	ZSI 2.5/LD 60AC
ZAP/TW 3 WS			white	50	1683880000	ZTR 2.5/3AN
						ZTR 2.5/3AN BL
						ZTR 2.5/3AN/O. TNHE
						ZTR 2.5/4AN
						ZDU 2.5/2X2AN BL
						ZTR 2.5/4AN BL
						ZTR 2.5/4AN/O. TNHE
						ZDU 2.5/2X2AN/D+
						ZDU 2.5/2X2AN/D-
						ZDU 2.5/2X2AN/LD+
						ZDU 2.5/2X2AN/LD-
						ZDU 2.5/4AN
						ZDU 2.5/4AN BL
						ZPE 2.5/4AN
Width 1.5 mm						
ZAP/TW ZDK2.5			dark beige	20	1674730000	ZDK 2.5
ZAP/TW ZDK2.5 BL			blue/light blue	20	1748800000	ZDK 2.5/D/1
ZAP/TW ZDK2.5 OR			Orange	20	1690080000	ZDK 2.5/D/2
						ZDK 2.5/D/4
						ZDK 2.5/D/5
						ZDK 2.5/D/6
						ZDK 2.5/LD RT/1
						ZDK 2.5/LD RT/2
						ZDK 2.5V
						ZDK 2.5 BL
						ZDK 2.5 DU-PE
						ZDK 2.5 EM
						ZDK 2.5 N-DU
						ZDK 2.5 N-PE
						ZDK 2.5 OR
						ZDK 2.5 PE
						ZDK 2.5 V BL

... for standard terminals

Type	Colour	Qty	Order No.	For terminal:
Width 1.5 mm				
ZAP ZDL2.5-2	dark beige	20	1718370000	ZDL2 2.5-2 N
ZAP/TW ZDL2.5-2N	dark beige	20	1782340000	ZDL2 2.5-2 N/BL
ZAP/TW ZDL2.5-2N BL	blue	20	1782350000	ZDL2 2.5-2 VN
				ZDL2 2.5-2 VN/BL
Width 1.5 mm				
ZAP ZMAK2.5	dark beige	10	1768010000	ZMAK 2.5
Width 1.5 mm				
AP ZDTR2.5	dark beige	20	1745420000	ZDTR 2.5
AP ZDTR2.5 BL	blue	20	1798340000	ZDTR 2.5 BL
Width 2 mm				
ZAP/TW 4 BL	blue/light blue	50	1632100000	ZDU 4
ZAP/TW 4	dark beige	50	1632090000	ZDU 4 BL
ZAP/TW 4 GN	green	50	1683920000	ZPE 4
ZAP/TW 4 OR	Orange	50	1632110000	
Width 2 mm				
ZAP/TW 4/3AN BL	blue	20	7904110000	ZDU 4/3AN
ZAP/TW 4/3AN OR	Orange	20	7904120000	ZDU 4/3AN BL
ZAP/TW 4/3AN	dark beige	20	7904100000	ZPE 4/3AN
Width 2 mm				
ZAP/TW4/4AN	dark beige	20	7904210000	ZDU 4/4AN
ZAP/TW4/4AN BL	blue	20	7904220000	ZDU 4/4AN BL
ZAP/TW4/4AN OR	Orange	20	7904230000	ZPE 4/4AN
Width 2 mm				
ZAP/TW 5	dark beige	50	1608830000	ZDU 6
ZAP/TW 5 BL	blue/light blue	50	1608840000	ZDU 6 BL
ZAP/TW 5 OR	Orange	50	1608850000	ZPE 6
Width 2 mm				
ZAP/TW6/3AN BL	blue	20	7907380000	ZDU 6/3AN
ZAP/TW6/3AN OR	Orange	20	7907390000	ZDU 6/3AN BL
ZAP/TW6/3AN	dark beige	20	7907370000	ZPE 6/3AN
Width 2.7 mm				
ZAP/TW ZDU10	beige	20	1748660000	ZDU 10
ZAP/TW ZDU10 BL	blue/light blue	20	1764110000	ZDU 10 BL
ZAP/TW ZDU10 OR	Orange	20	1748670000	ZPE 10
Width 3 mm				
ZAP/TW 10/16	beige	20	1749580000	ZDU 10/3AN
ZAP/TW 10/16 BL	blue	20	1768520000	ZDU 10/3AN BL
ZAP/TW 10/16 OR	Orange	20	1749590000	ZDU 16/3AN
				ZDU 16/3AN BL
				ZPE 10/3AN
				ZPE 16/3AN
Width 3 mm				
ZAP/TW ZDU16	dark beige	20	1745150000	ZDU 16
ZAP/TW ZDU16 BL	blue/light blue	20	1764100000	ZDU 16 BL
ZAP/TW ZDU16 OR	Orange	20	1745160000	ZPE 16

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
Width 2.5 mm				
ZAP/TW7	dark beige	50	1706110000	ZDU 2.5-2
ZAP/TW7 BL	blue/light blue	50	1706120000	ZDU 2.5-2 BL
ZAP/TW7 OR	Orange	50	1706130000	ZDU 2.5-2/3AN
				ZDU 2.5-2/3AN BL
				ZDU 2.5-2/4AN
				ZDU 2.5-2/4AN BL
				ZDU 2.5-2/D+
				ZDU 2.5-2/D-
				ZPE 2.5-2
				ZPE 2.5-2/3AN
				ZPE 2.5-2/4AN
				ZTR 2.5-2
				ZTR 2.5-2 BL
				ZTR 2.5-2/O.TNHE
Width 2 mm				
ZAP/TW ZDK2.5-2	dark beige	20	1791050000	ZDK 2.5-2
ZAP/TW ZDK2.5-2 BL	blue	20	1791060000	ZDK 2.5-2 BL
ZAP/TW ZDK2.5-2 OR	Orange	20	1791070000	ZDK 2.5-2 PE
				ZDK 2.5V
				ZDK 2.5V BL

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
Width 2 mm				
ZAP/TW ZDKPE2.5-2	dark beige	25	1805960000	ZDKPE 2.5-2
				ZDKPE 2.5-2/N/L/PE
Width 2 mm				
ZAP ZDU4-2	dark beige	50	1770400000	ZDU 4-2/2AN
ZAP ZDU4-2 BL	blue	50	1770880000	ZDU 4-2/2AN BL
ZAP ZDU4-2 OR	Orange	50	1770890000	ZDU 4-2/3AN
				ZDU 4-2/3AN BL
				ZDU 4-2/3AN LSC
				ZPE 4-2/2AN
				ZPE 4-2/3AN
Width 2 mm				
ZAP ZDU4-2/4AN	dark beige	50	1807010000	ZDU 4-2/4AN
ZAP ZDU4-2/4AN BL	blue	50	1807020000	ZDU 4-2/4AN BL
ZAP ZDU4-2/4AN OR	Orange	50	1807030000	ZPE 4-2/4AN
Width 2.5 mm				
ZAP ZDU6-2	dark beige	50	1771440000	ZDU 6-2/2AN
ZAP ZDU6-2 BL	blue	50	1771450000	ZSI 6-2 2X2.5/G20
ZAP ZDU6-2 OR	Orange	50	1771460000	ZSI 6-2 2X2.5/G20/LD1
ZAP ZDU6-2 SW	black	50	1814710000	ZSI 6-2 2X2.5/G20/LD2
				ZSI 6-2 2X2.5/G20/LD3
				ZSI 6-2 2X2.5/G20/LD4
				ZSI 6-2/FC
				ZSI 6-2/FC LD
				ZTR 6-2
				ZTR 6-2 E / 230V UC
				ZTR 6-2 E / 24V DC
				ZDU 6-2/2AN BL
				ZDU 6-2/3AN
				ZDU 6-2/3AN BL
				ZPE 6-2/2AN
				ZPE 6-2/3AN
				ZSI 2.5-2/2X2AN/G20
				ZSI 2.5-2/2X2AN/G20/LD1
				ZSI 2.5-2/2X2AN/G20/LD2
Width 2.5 mm				
ZAP/Z...16-2/1AN	dark beige	10	1772970000	ZPE 16-2/1AN

... for initiator-actuator terminals

Type	Colour	Qty	Order No.	For terminal:
Width 5.1 mm				
ZAP/TW ZPV1.5	dark beige	50	1674650000	ZAP/TW ZPV1.5
				ZPV 1.5
Width 5.1 mm				
ZAP/TW ZIA1.5/3L	beige	50	1649540000	ZIA 1.5/3L-1S
				ZIA 1.5/3L-1S/LD
				ZIA 1.5/3L-PE
Width 5.1 mm				
ZAP/TWZIA1.5/4L	beige	50	1649550000	ZIA 1.5/4L-1S
				ZIA 1.5/4L-1S/LD
				ZIA 1.5/4L-PE
Width 5 mm				
AP ZRV1.5 DB	dark beige	10	1698180000	

Accessories - Optical separation

... for installations terminals

Type	Colour	Qty	Order No.	For terminal:
Width 3 mm				
ZHP Z/W BL	blue	20	1745180000	ZDU 10S
ZHP ZDL2.5S BL	blue	20	1720890000	ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZNT 35
				ZPE 10S
				ZPE 16S
Width 2 mm				
ZAP ZDU10/16S	dark beige	20	1739660000	ZDU 10/NT
				ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZPE 10S
				ZPE 16S
Width 5 mm				
ZHP Z/W SO	blue	20	1781070000	ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZNT 35
				ZPE 10S
				ZPE 16S
Width 2 mm				
ZAP ZDU 2.5 S	dark beige	20	1808030000	ZDU 2.5 S
ZAP ZDU 2.5 S BL	blue	20	1808040000	ZDU 2.5 S BL
ZAP ZDU 2.5 S OR	Orange	20	1808050000	ZNT 2.5 S
				ZPE 2.5 S
Width 2 mm				
ZAP ZDU 4 S	dark beige	20	1808380000	ZDU 4 S
ZAP ZDU 4 S BL	blue	20	1808390000	ZDU 4 S BL
				ZNT 4 S
				ZPE 4 S
Width 2 mm				
ZAP ZDU 6 S	dark beige	20	1808250000	ZDU 6 S
ZAP ZDU 6 S BL	blue	20	1808260000	ZDU 6 S BL
				ZNT 6 S
				ZPE 6 S
Width 3 mm				
ZHP S	blue	20	1808290000	ZDU 2.5 S
ZHP S SO	blue	20	1808280000	ZPE 2.5 S
				ZPE 4 S
				ZPE 6 S
				ZDU 2.5 S BL
				ZDU 4 S
				ZDU 4 S BL
				ZDU 6 S
				ZDU 6 S BL
				ZNT 2.5 S
				ZNT 4 S
				ZNT 6 S

... for mini-terminals

Type	Colour	Qty	Order No.	For terminal:
Width 1.5 mm				
ZAP/TW ZDUA	dark beige	50	1720960000	ZDUA 2.5-2
ZAP/TW ZDUA BL	blue/light blue	50	1720970000	ZDUA 2.5-2 BL
ZAP/TW ZDUA OR	Orange	50	1720980000	ZPEA 2.5-2
Width 2.5 mm				
ZAP/TW ZDUA2.5-2N	dark beige	50	1808170000	ZDUA 2.5-2N
				ZDUA 2.5-2N BL
				ZPEA 2.5-2N
Width 5 mm				
ZAP ZDUB	dark beige	50	1704750000	ZDUB 2.5-2/2AN/15
ZAP ZDUB BL	blue/light blue	50	1704760000	ZDUB 2.5-2/2AN/RC BL
ZAP ZDUB OR	Orange	50	1704770000	ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC BL
				ZDUB 2.5-2/4AN/RC/BL
				ZDUB 2.5-2/4AN/RC/GE
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC
Width 5 mm				
ZTW ZDUB	dark beige	50	1704340000	ZDUB 2.5-2/2AN/15
				ZDUB 2.5-2/2AN/RC BL
				ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC/BL
				ZDUB 2.5-2/4AN/RC/GE
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC

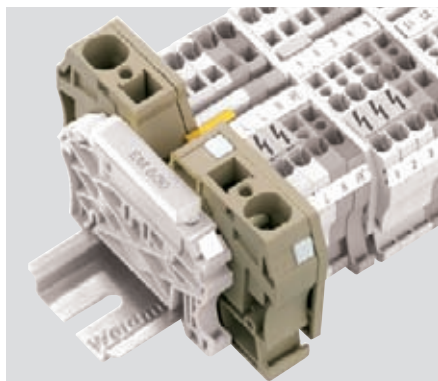
... for WeiCoS pluggable terminals

Type	Colour	Qty	Order No.	For terminal:
Width 2.5 mm				
ZAP/TW ZT2.5/2AN	dark beige	50	1816030000	ZT 2.5/2AN/1
ZAP/TW ZT2.5/2AN OR	Orange	50	1816040000	ZTPE 2.5/2AN/1
Width 2.5 mm				
ZAP/TW ZT2.5/3AN	dark beige	50	1816050000	ZT 2.5/3AN/1
				ZTPE 2.5/3AN/1
Width 2.5 mm				
ZAP/TW ZT2.5/4AN/2	dark beige	50	1816070000	ZT 2.5/4AN/2
ZAP/TW ZT2.5/4AN/2 OR	Orange	50	1816080000	ZTPE 2.5/4AN/2
Width 2.5 mm				
ZAP/TW ZT2.5/4AN/4	dark beige	50	1816090000	ZT 2.5/4AN/4
ZAP/TW ZT2.5/4AN/4 OR	Orange	50	1816100000	ZTC 2.5/4AN/4
				ZTCPE 2.5/4AN/4
				ZTPE 2.5/4AN/4
Width 2.5 mm				
ZAP/TW ZDT2.5/2	dark beige	50	1816110000	ZDT 2.5/2
				ZDT 2.5/2 DU-PE
				ZDT 2.5/2 PE
Width				
ZAP/TW ZTTR2.5	dark beige	50	1865520000	ZTTR 2.5
				ZTTR 2.5/O. TNHE

... for custom applications

Type	Colour	Qty	Order No.	For terminal:
Width 2 mm				
ZTW ZTL6	dark beige	20	1771870000	ZTD 6
ZTW ZTL6 OR	Orange	20	1771880000	ZTD 6/STB
				ZTL 6
				ZTL 6/STB
Width 1.5 mm				
ZAP ZDU4/NT	dark beige	20	1757970000	ZDU 4/NT
				ZDU 4/NT DB
Width 2 mm				
ZAP ZDU10/16S	dark beige	20	1739660000	ZDU 10/NT
				ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZPE 10S
				ZPE 16S

ZEI 16 supply terminal



The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm².

Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

Integrated partition plate



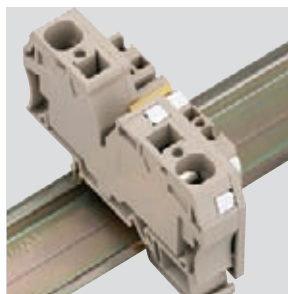
Output possible on left and right



Output options and corresponding cross-connections

Supply terminals	Output terminals	Cross-connection	Supply left	Supply right
ZEI 16	ZDU 2.5	ZQV 2.5/...	•	•
	ZDU 2.5/4AN	ZQV 2.5/...	•	•
	ZDU 2.5N	ZQV 2.5/...	•	•
	ZDU 2.5N/3AN	ZQV 2.5/...	•	•
	ZDU 2.5N/4AN	ZQV 2.5/...	•	•
	ZDU 4	ZQV 4/...	•	•
	ZDU 4/3AN	ZQV 4/...	•	• 1)
	ZDU 4/4AN	ZQV 4/...	•	• 1)
	ZDU 6	ZQV 6/...	•	•
	ZDU 6/3AN	ZQV 6/...	•	• 1)
	ZTR 2.5	ZQV 2.5/...	• 2)	• 2)
	ZTR 2.5/3AN	ZQV 2.5/...	• 2)	• 2)
	ZTR 2.5/4AN	ZQV 2.5/...	•	•
Supply terminals	Output terminals	Cross-connection	Supply left	Supply right
ZEI 6	ZDU 1.5	ZQV 1.5/...	•	•
	ZDU 1.5/3AN	ZQV 1.5/...	•	•
	ZDU 1.5/4AN	ZQV 1.5/...	•	• 1)

1) with IEPL 2) with QVAR



$$I_{\max} = \sum I_n \text{ (left)}$$



$$I_{\max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{\max} = \sum I_n \text{ (right)}$$

Ordering data

Type	Colour	Qty.	Order No.
ZEI 16	dark beige	20	1745350000
ZEI 16 BL	blue	20	1766240000
IEPL	dark beige	20	1859570000
QVAR	dark beige	20	1836370000

Maximum possible current $I_{\max}$

Supply terminals	Cross-connection	Supply conductor cross-section area	Supply left or right	Supply middle
ZDU 2.5	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 2.5/4AN	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 4	ZQV 4	16 mm ²	64 A	76 A
		25 mm ²	66 A	100 A
ZDU 6	ZQV 6	16 mm ²	76 A	76 A
		25 mm ²	82 A	100 A

Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 metres away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it “short-circuit proof”.

Supply on the left



Supply on the right



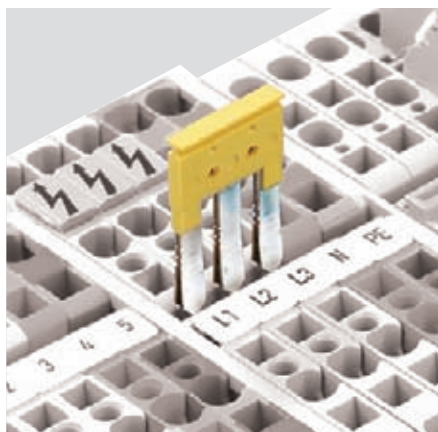
Supply options and corresponding cross-connections

		on the right															
		Output terminals	Supply terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN			ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
on the left																	
ZDU 4		•	• 2)	•	•	• 2)	•	•	•	•	•			• 2)	• 2)	•	
ZDU 4/3AN		• 1)	• 2)	• 1)	• 1)	• 2)	• 1)			•				• 2)	• 2)	•	
ZDU 4/4AN		• 1)	• 2)	• 1)	• 1)	• 2)	• 1)				•			• 2)	• 2)	• 1)	
ZDU 6		•	• 2)	•	•	• 2)	•	•	•	•	•			• 2)	• 2)	•	
ZDU 6/3AN		• 1)		• 1)	• 1)		• 1)									• 1)	
		on the left															
		Output terminals	Supply terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN			ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
on the right																	
ZDU 4		•	• 2)	• 1)	•	• 2)	• 1)	•						• 2)	• 2)	• 1)	
ZDU 4 / 3 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•					• 2)	• 2)	• 1)	
ZDU 4 / 4 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•				• 2)	• 2)	• 1)	
ZDU 6		•	• 2)	• 1)	•	• 2)	• 1)	•						• 2)	• 2)	• 1)	
ZDU 6 / 3 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•					• 2)	• 2)	•	

1) with IEPL 2) with QVAR

Accessories – Electrical supply

Plug-in cross-connection ZQV



D

The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV 2.5/20 – continuous (20-pole)
- **ZQV 4** as 2- to 10-pole combs and ZQV4/20 – continuous (20-pole)
- **ZQV 6** as 2- to 4-pole combs and ZQV6/32 – continuous (24-pole)
- **ZQV 10, ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10, ZQV 35-16** and **ZQV 16-10** as reducer cross-connector distributes current from terminals with larger crosssections to terminals with smaller crosssection.
- **ZQV 2.5N** as 2- to 10-pole combs and ZQV2.5N/20 – continuous (20-pole)

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections (e.g. for terminal types ZDU 2.5 to ZDU 35 and ZDU 2.5-2). This does not apply to terminals with a rated voltage below 500 V. Here the rated voltage of the used terminal is mandatory (e.g. terminal types ZTR 2.5 and ZTR 2.5/3AN).

Breaking out contact elements

Breaking out one or more (max. 60 %) contact elements from cross-connections enables certain terminals to be bypassed to suit the application.

Fitting and changing cross-connection

The fitting and changing of cross-connections is a trouble-free and fast operation:

- Insert the cross-connection into the cross-conn. channel in the terminal...

...and press it fully home.

(The cross-connection may not project from the channel.)

- Remove a cross-connection by simply prising it out with a screwdriver.

Shortening cross-connections

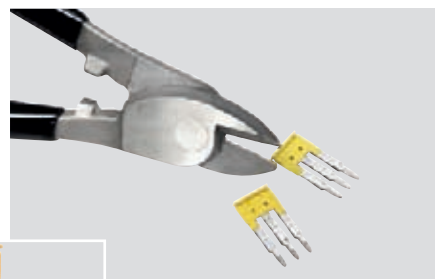
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order No. 900217). However, three contact elements must always be retained.

Caution:

Contact elements must not be deformed!



If a cross-connection is shortened, end plates or partition plates (ZAP/TW) must be used to maintain the rated voltage of 250 V (fitted to the bare cut edges of the cross-connection).

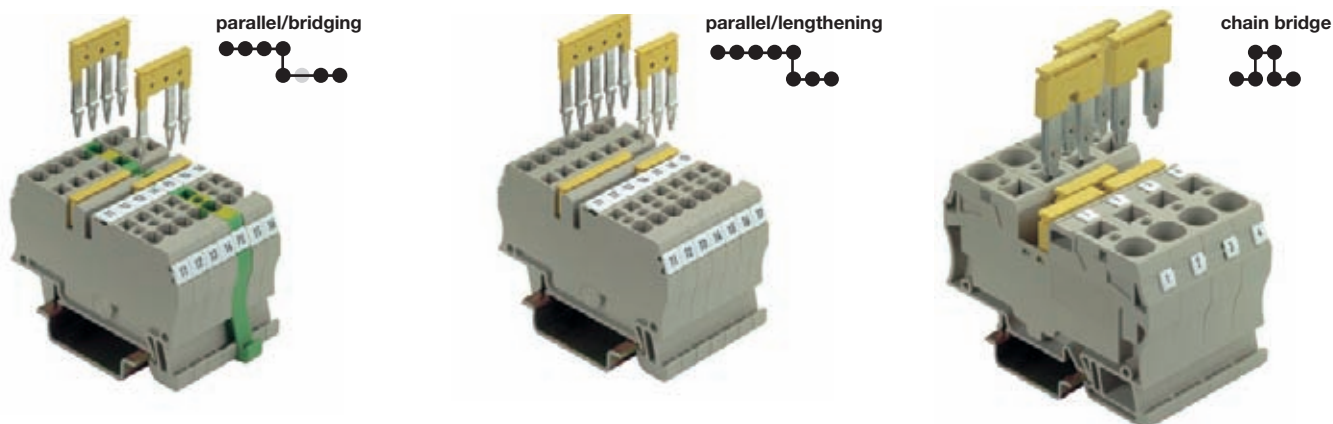


Possible combinations

In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connections

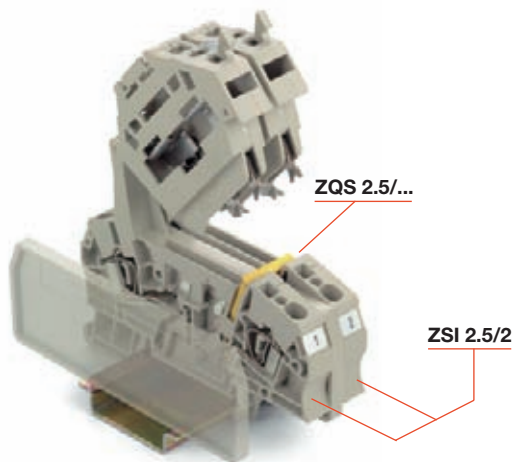
Terminal type	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals							
ZDU 2.5	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 3 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5 / 4 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5N	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5N / 3 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5N / 4 AN	ZQV 2.5/...	•	•	•			
ZTR 2.5 ...	ZQV 2.5/...	•	•	•			
ZSI 2.5 ...	ZQV 2.5/...	•	•	•			
ZDU 4 ...	ZQV 4/...	•	•	•			
ZDU 6 ...	ZQV 6/...	•	•	•			
ZDU 10, ZDU 16, ZDU 35	ZQV 10/2	•			•		
ZPE 2.5	ZQV 2.5/...			•		•	•
ZPE 4	ZQV 4/...			•			
ZPE 6	ZQV 6/...			•			
ZPE 10, ZPE 16, ZPE 35	ZQV 10	•			•		
Roof-Style terminals							
ZDU 2.5-2	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5-2 / 3 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 4-2/...	ZQV 4/...	•	•	•	•	•	•
ZDU 6-2/...	ZQV 6/...	•	•	•			
ZPE 2.5-2	ZQV 2.5/...			•		•	
ZPE 2.5-2 / 3 AN	ZQV 42.5/...			•		•	
ZPE 4-2/...	ZQV 4/...			•		•	
ZPE 6-2/...	ZQV 6/...			•			

Alternative cross-connections available

Terminals with different rated cross-section



Fuse terminals with same rated cross-section



It is necessary to break out the cross-connection panel in the side wall of the fuse terminal.

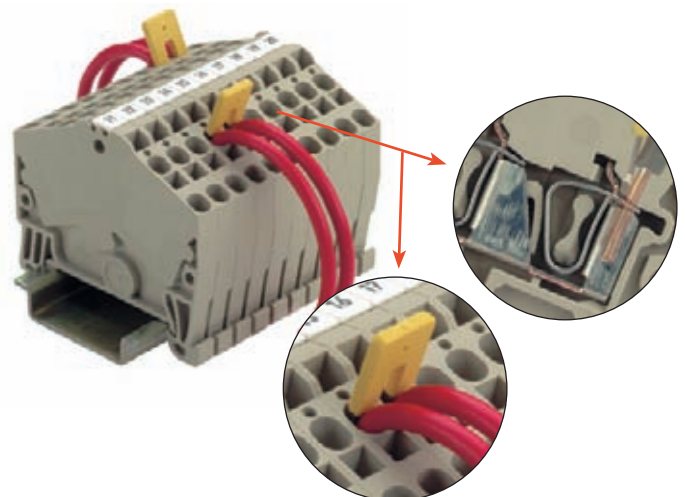


Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

To cross connect ZDU 2.5-2/4 AN terminals, which do not have cross-connection channels, use the ZQB 2.5 cross-connection bridge to provide a simple cross-connection solution.

The illustration shows how to fit **ZQB 2.5** correctly.

Always ensure that the conductor is placed between the tension clamp and ZQB 2.5.
The conductor cross-sections is reduced to 1.5 mm² “e” and “f” as a result of using ZWB 2.5.



Accessories - Electrical supply

Cross-connections according to dimensions

ZQV 1.5



Technical data	
current / current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
32-pole	

17.5 / 17.5

Type	Qty	Order No.
ZQV 1.5/2	60	1776120000
ZQV 1.5/3	60	1776130000
ZQV 1.5/4	60	1776140000
ZQV 1.5/5	20	1776150000
ZQV 1.5/10	20	1776200000

For terminal:

ZDU 1.5 ...
ZDK 1.5 ...
ZEI 6

ZQV 2.5



24 / 24

Type	Qty	Order No.
ZQV 2.5/2	60	1608860000
ZQV 2.5/3	60	1608870000
ZQV 2.5/4	60	1608880000
ZQV 2.5/5	20	1608890000
ZQV 2.5/6	20	1608900000
ZQV 2.5/7	20	1608910000
ZQV 2.5/8	20	1608920000
ZQV 2.5/9	20	1608930000
ZQV 2.5/10	20	1608940000
ZQV 2.5/20	20	1908960000

For terminal:

ZDU 2.5 ... ZDU 2.5-2 ...
ZDK 2.5 ... ZDK 2.5-2 ...
ZTR 2.5 ... ZTR 2.5-2 ...
ZDTR 2.5 ZDL 2.5-2 ...
ZTSI 2.5 ... ZDKPE 2.5-2 ...
ZRV 2.5 ... ZDU 2.5N ...
ZIA 2.5 ... ZNT 2.5/3AN ...
ZEI 16 ZEI 16-2/1 AN
ZDU 2.5 S
ZTN 2.5 S

ZQV 4



32 / 32

Type	Qty	Order No.
ZQV 4/2 GE	60	1608950000
ZQV 4/3 GE	60	1608960000
ZQV 4/4 GE	60	1608970000
ZQV 4/5 GE	20	1608980000
ZQV 4/6 GE	20	1608990000
ZQV 4/7 GE	20	1609000000
ZQV 4/8 GE	20	1609010000
ZQV 4/9 GE	20	1609020000
ZQV 4/10 GE	20	1609030000
ZQV 4/20 GE	20	1909010000

For terminal:

ZDU 4 ... ZDU 4-2 ...
ZDK 4/S ... ZDU 4 S
ZEI 16 ZNT 4 S
ZEI 16-2/1 AN

Cross-connections according to dimensions

ZQV 16-10

Reducing cross-connection



Technical data	
current / current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
32-pole	

57 / 76

Type	Qty	Order No.
ZQV 16-10	50	7920080000

For terminal:

ZDU 10 ... ZDU 10 S
ZPE 10 ... ZNT 10 S
ZDU 16 ZDU 16 S
ZPE 16 ZPE 16 S
ZNT 16 S

ZQV 35-10

Reducing cross-connection



57 / 105

Type	Qty	Order No.
ZQV 35-10	10	7920100000

For terminal:

ZDU 10 ... ZDU 10 S
ZPE 10 ... ZNT 10 S
ZDU 35
ZPE 35

ZQV 35-16

Reducing cross-connection



76 / 105

Type	Qty	Order No.
ZQV 35-16	10	7920120000

For terminal:

ZDU 16 ... ZDU 16 S
ZPE 16 ... ZPE 16 S
ZDU 35
ZPE 35

ZQV 6

41 / 41

Type	Qty	Order No.
ZQV 6/2 GE	60	1627850000
ZQV 6/3 GE	60	1627860000
ZQV 6/4 GE	60	1627870000

ZQV 6/32 GE	10	1733640000
For terminal:		
ZDU 6 ...	ZDU 6-2 ...	
ZDK 6/S ...	ZDU 6 S	
ZTL 6 ...	ZNT 6 S	
ZEI 16 ZEI	ZEI 16-2/1 AN	

ZQV 10/2

57 / 17.5

Type	Qty	Order No.
ZQV 10/2	25	1739680000

For terminal:		
ZDU 10 ...	ZDU 10 S	
ZDU 10 NT	ZNT 10 S	

ZQV 16/2

76 / 76

Type	Qty	Order No.
ZQV 16/2	25	1739690000

For terminal:		
ZDU 16	ZDU 16 S	
ZPE 16	ZPE 16 S	
	ZNT 16 S	

ZQV 35/2

105 / 105

Type	Qty	Order No.
ZQV 35/2	10	1739700000

For terminal:		
ZDU 35		
ZPE 35		
ZNT 35/S		

ZQV 2.5N

24 / 24

Type	Qty	Order No.
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/4 GE	60	1693820000
ZQV 2.5N/5 GE	20	1693830000
ZQV 2.5N/6 GE	20	1693840000
ZQV 2.5N/7 GE	20	1693850000
ZQV 2.5N/8 GE	20	1693860000
ZQV 2.5N/9 GE	20	1693870000
ZQV 2.5N/10 GE	20	1693880000

For terminal:		
ZT 2.5 ...	ZDUA 2.5-2 ...	
ZDT 2.5 ...	ZDUA 2.5-2N ...	
ZP 2.5 ...	ZDL 2.5 ...	
ZTTQ 2.5 ...	ZDL 2.5 S	
ZTC ...		

ZQB 2.5

24 / 24

Type	Qty	Order No.
ZQB 2.5-2	50	1677120000

For terminal:		
	ZDUB 2.5-2/4 AN	
	ZDU 2.5-2/4 AN	

The ZQB 2.5 cross-connector is used for connecting terminals without a separated cross-connection channel.
The ZBW tools is used for opening the terminal points. (order no. 1650670000)

ZQS 2.5

/ 10

Type	Qty	Order No.
ZQS 2.5/2	20	1633200000
ZQS 2.5/3	20	1633210000
ZQS 2.5/4	20	1633220000
ZQS 2.5/5	20	1633230000

For terminal:		
ZSI 2.5/2 ...		

ZVQ 2.5/1.5

/ 23

Type	Qty	Order No.
ZVQ 2.5/1.5	50	1720700000

For terminal:		
ZDK 2.5 ...	ZDLD 2.5-2 ...	
ZDT 2.5/2		

Accessories – WeiCoS pluggable modular terminals

Plug accessories

WeiCoS 2.5 mm²

Locking element

ZVR ZP 2.5

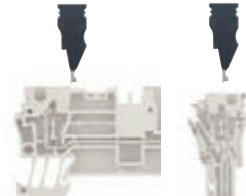


Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	25	1816130000

Test adapter

1 x 1827080000 and (n-1) x 1847600000 are required for setting up n-pole blocks.

ZTA ZT 2.5



Ordering data	Type	Qty.	Order No.
	ZTA ZT 2.5 (without spigot)	25	1827080000
	ZTA ZT 2.5 (with spigot)	25	1847600000

D

Coding element

KOSF ZT 2.5



Ordering data	Type	Qty.	Order No.
	KOSF ZT 2.5	50	1816150000

Locking element

ZVR ZP 2.5 in conjunction with separate coupling

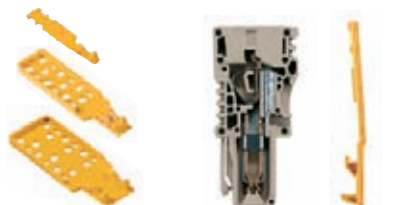
ZVR ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

Strain relief

ZZE ZP 2.5



Ordering data	Type	Qty.	Order No.
	ZZE ZP 2.5 – 1-pole	25	1816140000
	ZZE ZP 2.5/4 – 4-pole	25	1866220000
	ZZE ZP 2.5/8 – 8-pole	25	1866230000

Protective cover

ZAD ZT / ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZAD ZT / ZPS 2.5	50	1861030000

Plug accessories

WeiCoS 4 mm²

Locking element

ZVR ZP 4



Ordering data	Type	Qty.	Order No.
	ZVR ZP 4	25	1855250000

Fixing set

Contents ZT2/1AN FX-Set:
20 fixing blocks with nuts
20 fixing brackets
20 M3 screws

Contents ZT4/2AN FX-Set:
20 fixing blocks with nuts
40 fixing brackets
40 M3 screws

ZT2/1AN / ZT4/2AN



Ordering data	Type	Qty.	Order No.
	ZT2/1AN FX-Set	20	1859750000
	ZT4/2AN FX-Set	20	1859740000

Coding element

KOSF ZT 4



Ordering data	Type	Qty.	Order No.
	KOSF ZT 4	50	1856860000

Strain relief

ZZE ZP 4



Ordering data	Type	Qty.	Order No.
	ZZE ZP 4	25	1855260000

Accessories – WeiCoS pluggable modular terminals

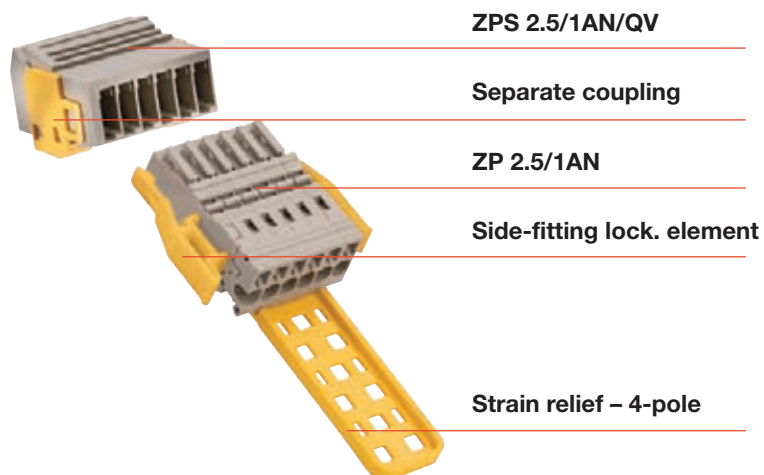
Mounting set – separate coupling

Modern industry without modularity in the individual applications would be unthinkable

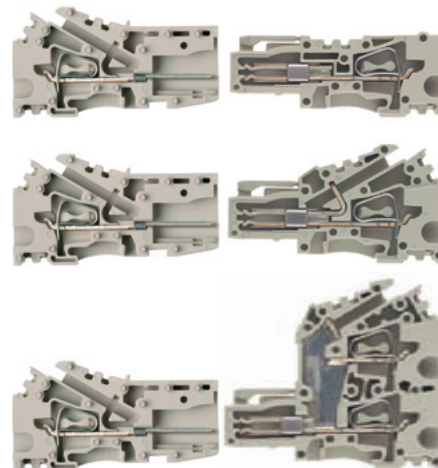
Coupled with high temperature and vibration demands, modularity requires the use of specially tested products. Wherever functional units are pre-assembled or have to be quickly separated, flexible systems are high on the agenda. The WeiCoS separate coupling represents a further extension to the Weidmüller modular concept. The WeiCoS separate coupling is the ideal solution for wiring without “heavyweight” enclosures.

The modular WeiCoS separate coupling concept from Weidmüller represents a compact alternative to the through-panel plug-in connector or signal and lighting distribution terminals. Together with the pluggable modular terminals from the WeiCoS range, they form an ideal combination for creating flexible functional units.

D



Separate coupling – 3 plugs, 1 line



Separate coupling

ZVLA1 ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZVLA1 ZPS 2.5	20	1866250000

Alternative to the side-fitting locking element, the central locking element

ZVR ZP 2.5



Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	20	1816130000

Strain relief – 4-pole

ZZE ZP 2.5 / 4 / 8



Ordering data	Type	Qty.	Order No.
	ZZE ZP 2.5 – 1-pole	25	1816140000
	ZZE ZP 2.5/4 – 4-pole	25	1866220000
	ZZE ZP 2.5/8 – 8-pole	25	1866230000

ZP 2.5/1AN/6



Ordering data	Type	Qty.	Order No.
	ZP 2.5/1AN/6	25	1815520000

Side-fitting locking element

ZVR ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

ZPS 2.5/1AN/QV 6



Ordering data	Type	Qty.	Order No.
	ZPS 2.5/1AN/QV 6	25	1865940000

Accessories – WeiCoS pluggable modular terminals

Mounting set – coupling

The new options

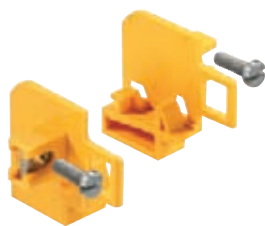
Although a separate coupling is very useful (enabling a connection to be disconnected at any point), users not always want them to be quite so readily separable.

Therefore, we have devised the following fixing variations for separate couplings:

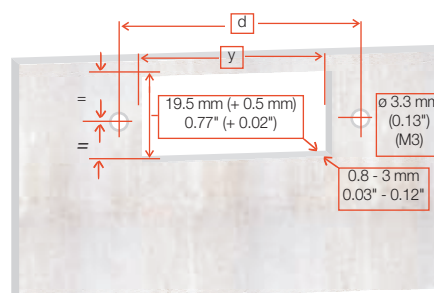
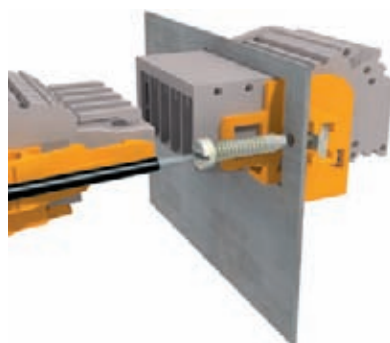
- Screws for fixing to a mounting plate or enclosure wall.
- Clips for fixing to a mounting plate or enclosure wall (in this version every pole can be provided with a clip if required).
- Clips for direct fixing to a terminal rail (TS 15 or TS 35).

And the special highlight is that coupling blocks can be supplied already fitted with the fixings you require. See page D.90 for details of pre-assembled coupling blocks.

Screwed through-wall fixing



Type	Qty.	Order No.
ZVLA DF ZPS2.5	20	1878600000



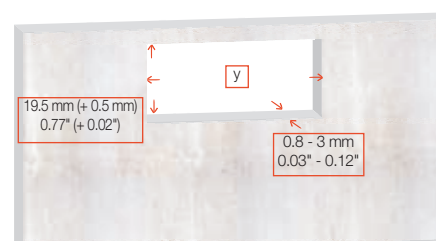
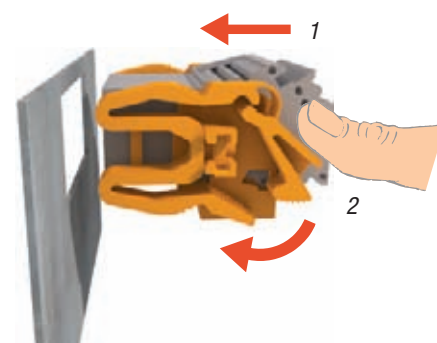
$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$

Clipped through-wall fixing

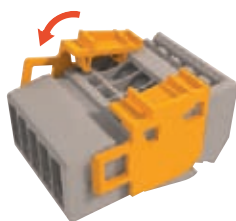


Type	Qty.	Order No.
ZVLA DF CL ZPS2.5	20	1878610000



$$y = n \times 5.1 \text{ mm} + 17.5 \text{ mm} \quad y = n \times 0.25" + 0.69"$$

WeiCoS



Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

n-pole	y		d	
	mm	inch(")	mm	inch(")
2-pole	15.7	0.62	23.7	0.93
3-pole	20.8	0.82	28.8	1.13
4-pole	25.9	1.02	33.9	1.33
5-pole	31.0	1.22	38.9	1.53
6-pole	36.1	1.42	44.1	1.74
7-pole	41.2	1.62	49.2	1.94
8-pole	46.3	1.82	54.3	2.14
9-pole	51.4	2.02	59.4	2.34
10-pole	56.5	2.22	64.5	2.55
11-pole	61.6	2.43	69.6	2.74
12-pole	66.7	2.63	74.7	2.94
13-pole	71.8	2.83	79.8	3.14
14-pole	76.9	3.03	84.9	3.34
15-pole	82.0	3.23	90.0	3.54
16-pole	87.1	3.43	95.1	3.74

n-pole	y	
	mm	inch(")
2-pole	27.7	1.09
3-pole	32.8	1.29
4-pole	37.9	1.49
5-pole	43.0	1.69
6-pole	48.1	1.89
7-pole	53.2	2.09
8-pole	58.3	2.29
9-pole	63.4	2.49
10-pole	68.5	2.69
11-pole	73.6	2.90
12-pole	78.7	3.10
13-pole	83.8	3.30
14-pole	88.9	3.50
15-pole	94.0	3.70
16-pole	99.1	3.90

Direct mounting – screwed



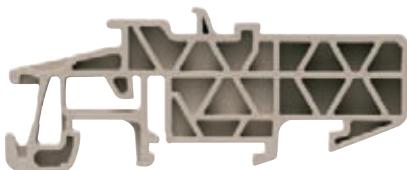
Type	Qty.	Order No.
ZVLA SC ZPS 2.5	20	1866240000

Direct mounting – clipped



Type	Qty.	Order No.
ZVLA RC ZPS 2.5	20	1866260000

on terminal rail



Type	Qty.	Order No.
MOFU 15/35 ZPS 2.5	25	1899170000



Type	Qty.	Order No.
BA RC ZPS 2.5	100	1908560000



Plug support prevents buckling of the connection

Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000



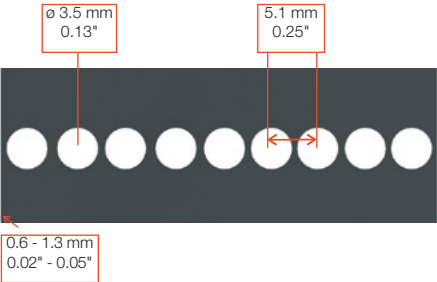
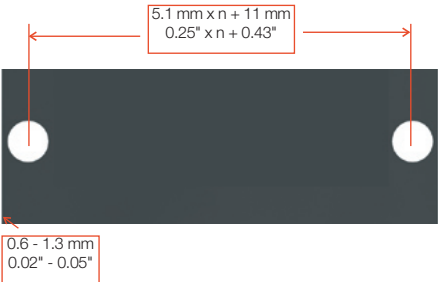
Plug support prevents buckling of the connection

Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000



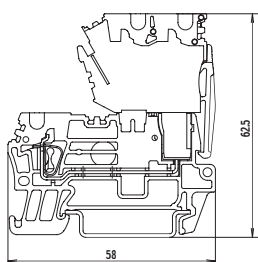
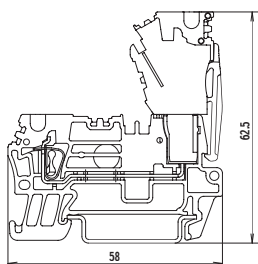
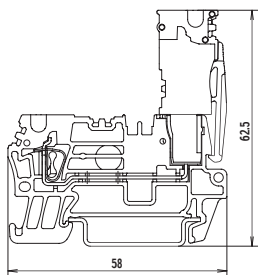
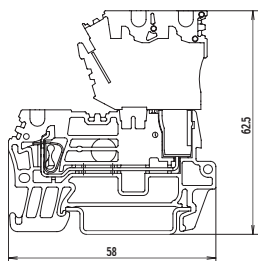
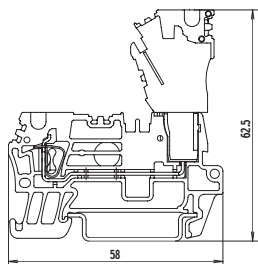
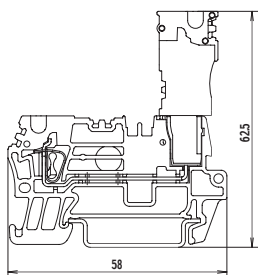
TS 15

TS 35

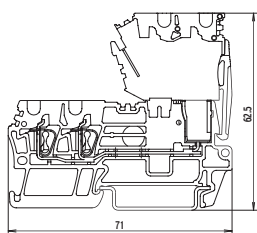
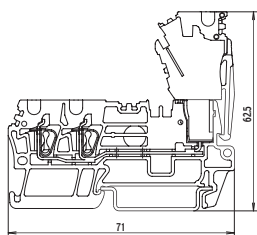
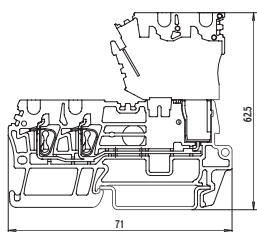
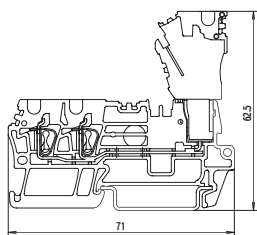


Accessories – WeiCoS – Plug-in combinations

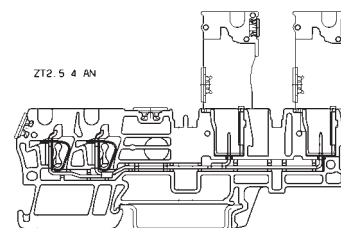
ZT 2.5/2AN/1



ZT 2.5/3AN/1



ZTTR 2.5/3AN/1

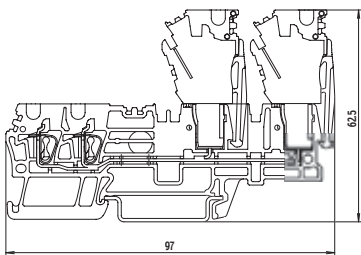
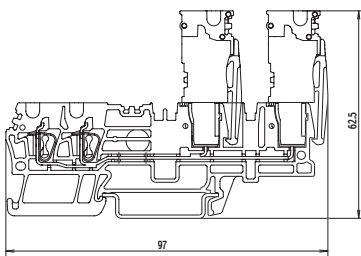
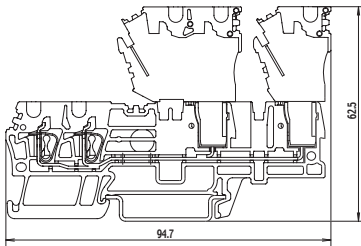
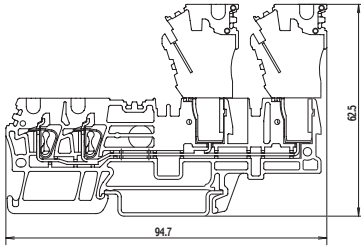
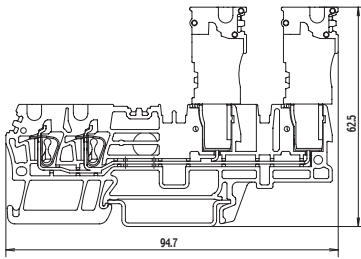


ZT2.5 4 AN

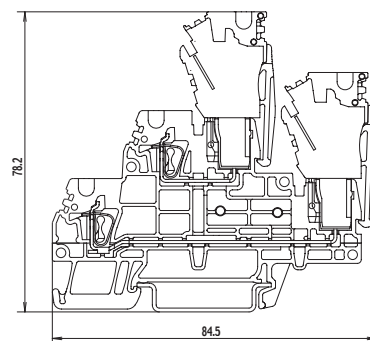
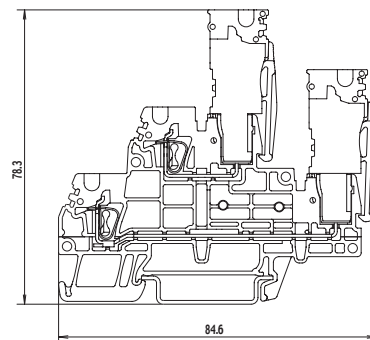
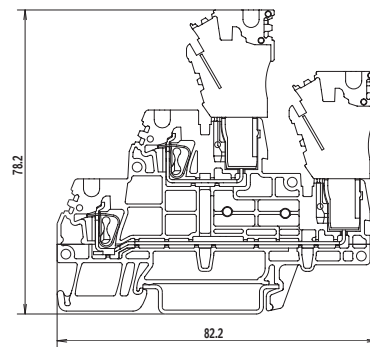
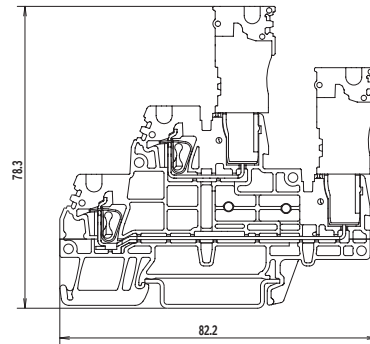
ZTTR 2.5

A connector alignment:
the ZTTR can be combined with ZTPE 2.5.

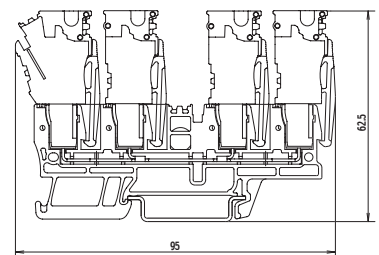
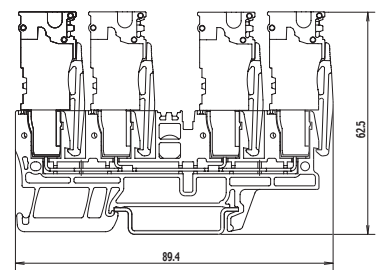
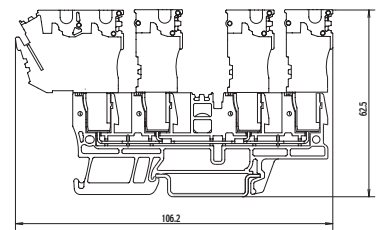
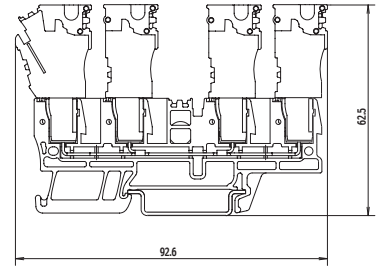
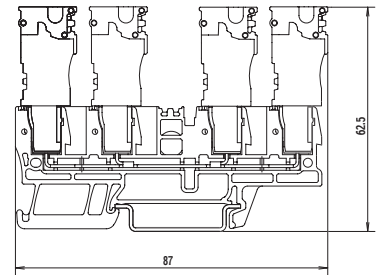
ZT 2.5/4AN/2



ZTD 2.5/2



ZT 2.5/4AN/4



Accessories - Testing / checking

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Clamped conductors (H05V/H07V)	
solid / stranded	mm
flexible / Flexible with ferrule	
Ordering data	
1-pole	
With snap-in pegs	

ZTA 1

For terminal width 5.1 mm



5.1 / 31.5 /		99.10
6		
250		
9		
1.5		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Type	Qty	Order No.
ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000
For terminal:		
ZDU 2.5 ...		
ZTR 2.5 ...		
ZSI 2.5 ...		
ZSI 2.5/2		

ZTA 2

For terminal width 6.1 mm



6.1 / 31.5 /	103.50	
6		
250		
9		
1.5		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Type	Qty	Order No.
ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000
For terminal:		
ZDU 4 ...		

ZTA 3

For terminal width 8.1 mm



8.1 / 31.5 /	105.50	
6		
250		
9		
1.5		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Type	Qty	Order No.
ZTA 3 ZDU6	25	1654050000
For terminal:		
ZDU 6 ...		

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Clamped conductors (H05V/H07V)	
solid / stranded	mm
flexible / Flexible with ferrule	
Ordering data	
1-pole	
With snap-in pegs	

ZTA 6

For terminal width 6.1 mm



6.1 / 31.5 /	73.50	
6		
250		
17.5		
1.5		
0.5...1.5		
0.75...1.5 / 0.5...1.5		
Type	Qty	Order No.
ZTA 6/ZA	25	1780660000
For terminal:		
ZDU 4-2 ...		

ZTA 7

For terminal width 8.1 mm



8.1 / 31.5 /	73.50	
6		
250		
9		
1.5		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Type	Qty	Order No.
ZTA 7/ZA	25	1780670000
For terminal:		
ZDU 6-2 ...		

ZTA ZT2.5

For terminal width 5.1 mm



5.1 / 20 /	50.50	
10		
250		
17.5		
1.5		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Type	Qty	Order No.
ZTA ZT2.5	25	1827080000
ZTA ZT2.5/ZA	25	1847600000
For terminal:		

ZTA 4

For terminal width 5.1 mm



5.1 / 31 /	69.00	
10		
250		
11		
1.5		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Type	Qty	Order No.
ZTA 4	25	1688110000
For terminal:		
ZDK 2.5 ...		
ZTR 2.5/4 AN ...		

ZTA 5

For terminal width 3.5 mm



3.5 / 20 /	54.00	
10		
200		
13.5		
1		
0.5...1		
0.5...1 / 0.5...1		
Type	Qty	Order No.
ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000
For terminal:		
ZDU 1.5 ...		
ZDK 1.5 ...		

Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

Technical data	
current / current	-
Ordering data	
	Test plug

PS

Plug diameter 2.0 mm



Type	Qty	Order No.
PS 2.0 OR	20	0293800000
For terminal:		
ZDU/ZPE 2.5/...		
ZDU/ZPE 4/...		
ZDU/ZPE 6/3 AN		
ZDU/ZPE 10/...		
ZDU/ZPE 16/...		
ZDU/ZPE 35		
ZEI 16		
ZTR 2.5/...		
ZTR 2.5 .../D		
ZDTR 2.5		
ZTR 2.5/SI		
ZDL 2.5/SI ...		
ZTTR 2.5/2AN/1		

PS 2.3 RT

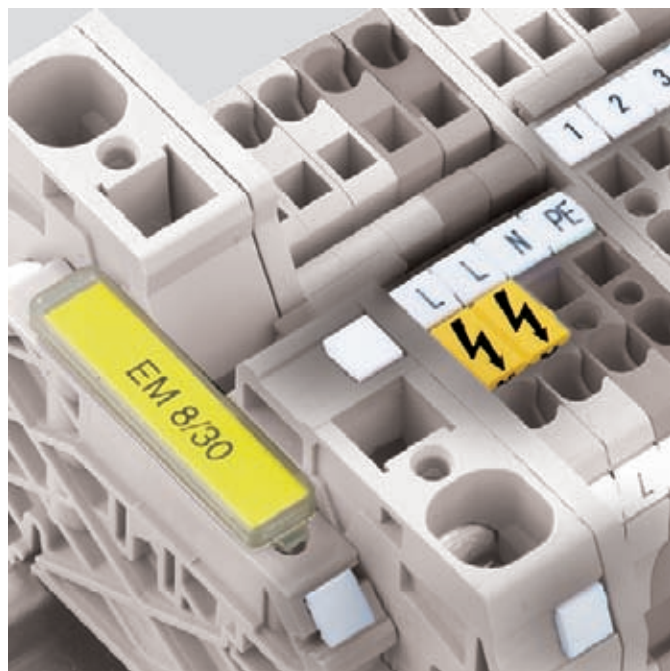
Plug diameter 2.3 mm



Type	Qty	Order No.
PS 2.3 RT	20	0180400000
For terminal:		
ZDU/ZPE 2.5/...		
ZDU/ZPE 4/...		
ZDU/ZPE 10/...		
ZDU/ZPE 18/...		
ZDU/ZPE 35		
ZDU/ZPE 4-2		
ZDU/ZPE 6-2		
ZTR 2.5...		
ZTR 2.5.../D		
ZDTR 2.5		
ZTR 2.5/SI		
ZDL 2.5/SI...		
ZTTR 2.5/2AN/1		

Accessories - Marking and connecting

Cover



The VDE standards call for power connection terminals to be covered.

For this purpose, Weidmüller can supply yellow warning **ZAD** covers with the „lightning flash“ symbol.

The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

Tool

The fully-insulated **ZBW1** to **ZBW6** and ZBWW tools are used for opening 1.5 mm² and 2.5 mm² terminal points. They can be used to simultaneously open multiple terminal points.

The ZBWW tools, with its angled bit, makes it possible conveniently connect terminals in a confined space.

The plastic tools increase safety when working on facilities during operation.

Cover

Type	Colour	Qty	Order No.	For terminal:
Width				
ZAD 7/4		20	1781940000	ZDK 1.5
				ZDK 1.5 BL
				ZDK 1.5DU-PE
				ZDK 1.5V
				ZDK 1.5V BL
				ZDU 1.5
				ZDU 1.5 2X2AN
				ZDU 1.5 2X2AN BL
				ZDU 1.5 BL
				ZDU 1.5/3 AN
				ZDU 1.5/3 AN/BL
				ZDU 1.5/4 AN
				ZDU 1.5/4 AN/BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZEI 16
				ZEI 16 BL
Width				
ZAD 1/4		20	1609110000	ZDK 4-2
				ZDU 2.5 BL
				ZDU 2.5/2X2AN
				ZDU 2.5/2X2AN BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 2.5/2X2AN/LD+
				ZDU 2.5/2X2AN/LD-
				ZDU 2.5/3AN
				ZDU 2.5/3AN BL
				ZDU 2.5/4AN
				ZDK 4-2 BL
				ZDU 2.5/4AN BL
				ZDU 4-2/2AN
				ZDU 4-2/2AN BL
				ZDU 4-2/3AN
				ZDU 4-2/3AN BL
				ZDU 4-2/3AN LSC
				ZDU 4-2/4AN
				ZDU 4-2/4AN BL
				ZDUA 2.5-2N
				ZDUA 2.5-2N BL
				ZDK 4-2 PE
				ZEI 16
				ZEI 16 BL
				ZPE 4-2/4AN
				ZPEA 2.5-2N
				ZSI 2.5-2/2X2AN/G20
				ZSI 2.5-2/2X2AN/G20/LD1
				ZSI 2.5-2/2X2AN/G20/LD2
				ZSI 6-2 2X2.5/G20
				ZSI 6-2 2X2.5/G20/LD1
				ZSI 6-2 2X2.5/G20/LD2
				ZDK 4-2 V
				ZSI 6-2 2X2.5/G20/LD3
				ZSI 6-2 2X2.5/G20/LD4
				ZTR 2.5/4AN
				ZTR 2.5/4AN BL
				ZTR 2.5/4AN/O TNHE
				ZDK 4-2/D forward
				ZDK 4-2/D reverse
				ZDK 4-2/DU-PE
				ZDK 4-2/N/L
				ZDU 2.5

Cover

Type Width	Colour	Qty	Order No.	For terminal:
ZAD 1/4-2 GE		20	1764560000	ZDK 2.5-2
				ZDK 2.5-2 BL
				ZDK 2.5-2 PE
				ZDK 2.5V
				ZDK 2.5V BL
				ZDKPE 2.5-2
				ZDKPE 2.5-2/N/L/PE
				ZDU 2.5-2
				ZDU 2.5-2 BL
				ZDU 2.5-2/3AN
				ZDU 2.5-2/3AN BL
				ZDU 2.5-2/4AN
				ZDU 2.5-2/4AN BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZEI 16
				ZEI 16 BL
				ZTR 2.5-2
				ZTR 2.5-2 BL
				ZTR 2.5-2/O.TNHE
Width				
ZAD 2/4		20	1609080000	ZDU 2.5/2X2AN/D+
				ZEI 16 BL
				ZSI 2.5-2/2X2AN/G20
				ZSI 2.5-2/2X2AN/G20/LD1
				ZSI 2.5-2/2X2AN/G20/LD2
				ZSI 6-2 2X2.5/G20
				ZSI 6-2 2X2.5/G20/LD1
				ZSI 6-2 2X2.5/G20/LD2
				ZSI 6-2 2X2.5/G20/LD3
				ZSI 6-2 2X2.5/G20/LD4
				ZSI 6-2/FC
				ZDU 2.5/2X2AN/D-
				ZSI 6-2/FC LD
				ZDU 4
				ZDU 4 BL
				ZDU 4/3AN
				ZDU 4/3AN BL
				ZDU 4/4AN
				ZDU 4/4AN BL
				ZEI 16
Width				
ZAD 3/4		20	1609120000	ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 6
				ZDU 6 BL
				ZDU 6/3AN
				ZDU 6/3AN BL
				ZEI 16
				ZEI 16 BL
				ZEI 6
Width				
ZAD 4/5		20	1746730000	ZDU 10
				ZDU 10 BL
				ZDU 10/3AN
				ZDU 10/3AN BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZEI 16
				ZEI 16 BL
Width				
ZAD 5/5		20	1745210000	ZDU 16
				ZEI 16-2/1AN BL
				ZDU 16 BL
				ZDU 16/3AN
				ZDU 16/3AN BL
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZEI 16
				ZEI 16 BL
				ZEI 16-2/1AN

Cover

Type Width	Colour	Qty	Order No.	For terminal:
ZAD 6/5		20	1752620000	ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 35
				ZDU 35 BL
				ZEI 16
				ZEI 16 BL

Operating tool

Type Width	Colour	Qty	Order No.	For terminal:
ZBW 1/3.5		1	1781930000	ZDK 1.5DU-PE
				ZDK 2.5-2
				ZDK 2.5-2 BL
				ZDK 2.5-2 PE
				ZDK 2.5V
				ZDK 2.5V BL
				ZDKPE 2.5-2
				ZDKPE 2.5-2/N/L/PE
Width				
ZBW 1		1	1669620000	ZDK 2.5-2
ZBW 2		1	1650670000	ZDK 2.5-2 BL
ZBW 3		1	1650680000	ZDK 2.5-2 PE
ZBW 4		1	1650690000	ZDK 2.5V
ZBW-6		1	1650700000	ZDK 2.5V BL
ZBWW		1	1669630000	ZDKPE 2.5-2
				ZDKPE 2.5-2/N/L/PE

Accessories - Other functions

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point. Packaged in sets of 100 x 10-pole strips

Technical data		
Product type		
Ordering data		
	0,13...0,2 mm ² , white	
	0,25...0,5 mm ² , grey	
	0,75...1,0 mm ² , dark grey	

ZRH 1.5 S



Reducing sleeve		
Type	Qty	Order No.
ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000
For terminal:		
ZDU 1.5/...		
ZPE 1.5/...		

ZRH 1.5 H



Reducing sleeve		
Type	Qty	Order No.
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
For terminal:		
ZDK 2.5...	ZDLD 2.5-2...	
ZDK 2.5 PE	ZDU 2.5-2/...	
ZDTR 2.5	ZPE 2.5-2/...	
	ZTR 2.5-2...	

ZRH 1.5N



Reducing sleeve		
Type	Qty	Order No.
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000
ZRH 1.5N/3	1000	1632120000
For terminal:		
ZRV 1.5		
ZRH 1.5 PEZVL 1.5		
ZIA 1.5/3 L ...		
ZIA 1.5/4 L ...		

ZRH 2.5



Reducing sleeve		
Type	Qty	Order No.
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/3	1000	1614280000
For terminal:		
ZDU 2.5/...		
ZTR 2.5/...		

ZRH 4



Reducing sleeve		
Type	Qty	Order No.
ZRH 4/1 WS	1000	1636640000
ZRH 4/2	1000	1636650000
ZRH 4/3	1000	1636660000
For terminal:		
ZDU 4/...		
ZPE 4/...		

Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

Technical data	
Product type	
Ordering data	
	One-sided, without peg
	One-sided, with peg
	Two-sided without pin
	Two-sided, with pin

BZT 1/BZT 2



Marker holder		
Type	Qty	Order No.
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000
BZT 2 ZA WS 10/5	100	1805530000
For terminal:		
ZDU 2.5/...		
ZDU 4/...		
ZDU 6/...		
ZDU A 2.5/...		

Additional connection

The contact element is placed in the cross-section channel and the latch clip in the screwdriver channel. It should then be pressed down until the end stop. The pitch spacing is 6 mm. Therefore only every other terminal can be occupied.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage	kV
Pollution severity	
Ordering data	
With snap-in pegs	

ZZA 2.5



6.1 / 21 / (50)		
Type	Qty	Order No.
ZZA 2.5/ZA	50	1649350000
ZZA 2.5	50	1646690000
For terminal:		
ZDU 2.5		
ZDU 2.5/3 AN		
ZDU 2.5/4 AN		
ZTR 2.5		
ZTR 2.5/3 AN		

Component plug

The component plug is used for fitting electronic components. If needed, the BZS 1 can be snapped on to the upper or lower cross-connection channel on the ZDK 2.5 tension-clamp terminals.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated voltage with LED	
Rated current	A
Rated current with LED	
Rated impulse voltage	kV
Pollution severity	
Ordering data	
For holding 2 LEDs	

ZBS



10 / 22.3 / 48		
Type	Qty	Order No.
ZBS1 SET	10	1764540000
ZBS1 F.D SET	10	1764550000
For terminal:		
ZDK 2.5		

Busbar holder

The ZST group carrier is used for temporary „parking“ of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

Dimensions	
Width / Length / Height	mm
Ordering data	

ZST



10 / 61.1 / 27.5		
Type	Qty	Order No.
ZST	10	1678680000
For terminal:		

Shield conductor

The shielding braid from the stripped control cables is soldered to the ZDUS or crimped on with 2.8 x 0.8 mm cable-lug sleeves. The ZDUS can be installed along side of the ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZTR 2.5.

Dimensions	
Width / Length / Height	mm
Ordering data	

ZDUS

Shield conductor - connection terminals



4.8 / 83.5 / 33.5		
Type	Qty	Order No.
ZDUS	20	1676640000
For terminal:		

Accessories – other functions

SIHA fuse holder



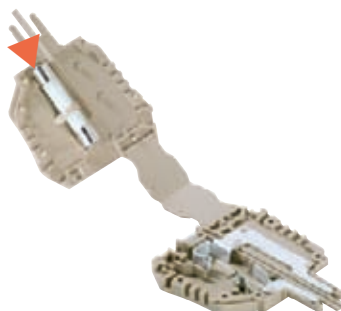
1. Open fuse holder with fingers or screwdriver



2. Press out old fuse



3. Position new fuse



4. Press fuse holder together again.



For 5 x 20 G-fuse cartridges

The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.

Simply remove the isolating lever and insert the fuse plug.

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)

- Even fits on 5 mm wide terminals when fitted in offset arrangement



- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



SIHA 3



	Qty.	Order No.
without LED		
SIHA3/G20	400 V 1	7921560000
with LED (red)		
SIHA3/G20	10 - 36 V 1	7921570000
	35 - 70 V 1	7921580000
	60 - 150 V 1	7921590000
	140 - 250 V 1	7921600000
For test-disconnect terminals versions		
ZTR 2.5/4 AN		
ZTR 2.5...		
ZTR 2.5-2		

SIHA STRAP



	Qty.	Order No.
with strap		
SIHA STRAP	20	9537680000

Connector for "retro-fit" assembly

- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either on the left or on the right

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

For terminal type		Technical data / Ordering data					
ZSI 2.5		G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI ¹⁾)					
ZSI 6-2 2 x 2.5/G20...		Size (mm)	Nom. current (A)	Type	Qty.	Order No.	
ZSI 2.5 2 x 2 AN/G20...		5 x 20	0.1	(F)	G 20/0.10A/F	10	0430300000
			0.2	(F)	G 20/0.20A/F	10	0430400000
		breaking capacity 1500 A	0.25	(F)	G 20/0.25A/F	10	0430500000
		(at 250 V, 50 Hz, cos φ 0,7)	0.5	(F)	G 20/0.50A/F	10	0430600000
			0.63	(F)	G 20/0.63A/F	10	0439000000
			1.0	(F)	G 20/1.00A/F	10	0430700000
			1.6	(F)	G 20/1.60A/F	10	0430800000
			2.0	(F)	G 20/2.00A/F	10	0430900000
			2.5	(F)	G 20/2.50A/F	10	0431000000
			3.15	(F)	G 20/3.15A/F	10	0431100000
			4.0	(F)	G 20/4.00A/F	10	0431200000
		5.0	(F)	G 20/5.00A/F	10	0431300000	
		6.3	(F)	G 20/6.30A/F	10	0431400000	
		(M) = medium-blow (F) = fast-blow					
		G-type cartridge fuses 5 x 25 with indicators to DIN 41576 ¹⁾)					
ZSI 2.5/ 5 x 25		5 x 25 w. ind. ¹⁾	0.25	(M)	G 25/0.25A/M	10	0546900000
ZSI 6-2 2 x 2.5/G25...		breaking capacity 80 A	0.5	(M)	G 25/0.50A/M	10	0510300000
ZSI 2.5 2 x 2 AN/G25...		(at 250 V, 50 Hz, cos : = 1	0.8	(M)	G 25/0.80A/M	10	0646400000
			1	(M)	G 25/1.00A/M	10	0265800000
			10	(M) ²⁾	G 25/10.0A/M	10	0193100000
			2	(F)	G 25/2.00A/F	10	0192700000
			4	(F)	G 25/4.00A/F	10	0192800000
			6.3	(F)	G 25/6.30A/F	10	0192900000
		(M) = medium-blow (F) = fast-blow					
		Cartridge fuses 1¼" x ¼" without indicators to BS 88					
ZSI 2.5/2		333 kA break. cap., 33 kA fast-blow	0.5		GZ 0.5A/F	10	0533800000
		E 0.5 A	1		GZ 1.0A/F	10	0525500000
		E 1 A	2		GZ 2.0A	10	0294500000
		E 2 A	3		GZ 3.0A	10	0295700000
		E 3 A	5		GZ 5.0A	10	0294600000
		E 5 A	7		GZ 7.0A	10	0295800000
		E 7 A	10		GZ 10.0A	10	0293900000
		E 10 A	12.5		GZ 12.5A FF	10	0245400000
		(M) = medium-blow (F) = fast-blow					
Note: ¹⁾ The SIBA company also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V shipbuilding applications.							

Note: ¹⁾ The SIBA company also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V shipbuilding applications.

Accessories – other functions

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

For terminal type
ZS/6-2/ FC...



Technical data / Ordering data

Blade fuses to DIN 72581-3C	Average					
Rated voltage max. (V)	voltage drop (mV)	Nom. current (A)	Type	Qty.	Order No.	
32	300	0.5*	C 0,5 A/32 V BL	100	1814720000	
32	130	1	C 1 A/32 SW	100	1814730000	
32	120	2	C 2 A/32 V GR	100	1814740000	
32	100	3	C 3 A/32 V VI	100	1814750000	
32	100	4	C 4 A/32 V RS	100	1814760000	
32	120	5	C 5 A/32 V HBR	100	1814770000	
32	112	7.5	C 7,5 A/32 V BR	100	1814780000	
32	85	10	C 10 A/32 V RT	100	1814790000	
32	85	15	C 15 A/32 V HBL	100	1814800000	
32	80	20	C 23 A/32 V GE	100	1814810000	
32	82	25	C 25 A/32 V NA/WS	100	1814820000	
32	77	30	C 30 A/32 V HGN	100	1814830000	
32	84	35*	C 35 A/32 V GN	100	1814840000	
32	80	40*	C 40 A/32 V OR	100	1814850000	

Notes:

- According to DIN 72581-3C a blade fuse may only be operated with 80 % IN as a continuous load.
- Use fuses from Weidmüller with a low power loss/voltage drop!
- Please note the derating
- Do not insert or remove a fuse when the circuit is under load.
- Max. temperature of contacts: 130 °C
- Insulating material/Flammability class: Wemid/V0

*Fuses do not comply with DIN 72581-3C

The whole system must always be considered for 35/40 A fuses.

- ¹⁾ Do not exceed the voltage range of the fuse.
- ²⁾ Continuous current through fuse: max. 80 % IN
- ³⁾ Use the largest possible conductor cross-section in order to dissipate the very high thermal losses of the fuse.

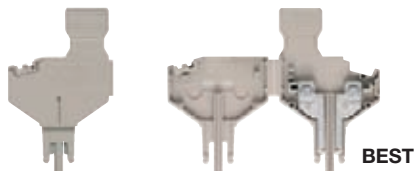
Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the “disconnecting products” of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

can be reversed



Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	-	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000
for terminal type			
TR 2.5...			
ZTR 2.5-2			
ZDL 2.5/TR			
ZDL 2.5/SI			

Isolating plug

Isolating plug

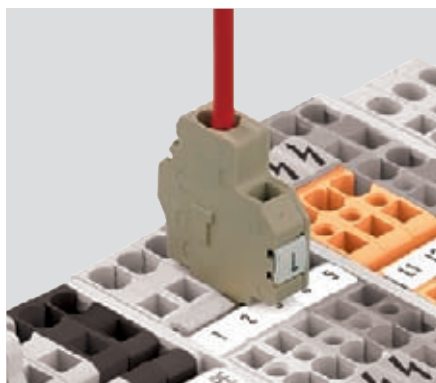


Ordering data

Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000
for terminal type			
ZTR 2.5...			
ZTR 2.5-2			
ZDL 2.5/TR			
ZDL 2.5/SI			

Accessories – other functions and colours

Colour range



The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

1.5 mm²

	Colour	Qty.	Order No.
ZDU 1.5			
ZDU 1.5 OR	orange	100	1775500000
ZDU 1.5/3AN			
ZDU 1.5/3AN OR	orange	100	1775550000
ZDU 1.5/4AN			
ZDU 1.5/4AN OR	orange	100	1775610000

2.5 mm²

	Colour	Qty.	Order No.
ZDU 2.5			
ZDU 2.5 BR	brown	100	1683300000
ZDU 2.5 GE	yellow	100	1683270000
ZDU 2.5 GE/GN	yellow/green	100	1698780000
ZDU 2.5 GN	green	100	1683280000
ZDU 2.5 GR	grey	100	1683310000
ZDU 2.5 OR	orange	100	1636780000
ZDU 2.5 RT	red	100	1683260000
ZDU 2.5 SW	black	100	1683330000
ZDU 2.5 VI	violet	100	1683290000
ZDU 2.5 WS	white	100	1683320000

ZDU 2.5/3AN

ZDU 2.5/3AN GE	yellow	100	1683350000
ZDU 2.5/3AN GE/GN	yellow/green	100	1698790000
ZDU 2.5/3AN GN	green	100	1683360000
ZDU 2.5/3AN GR	grey	100	1683390000
ZDU 2.5/3AN OR	orange	100	1636790000
ZDU 2.5/3AN RT	red	100	1683340000
ZDU 2.5/3AN SW	black	100	1683410000
ZDU 2.5/3AN WS	white	100	1683400000

ZDU 2.5/4AN

ZDU 2.5/4AN BR	brown	100	1683460000
ZDU 2.5/4AN GE	yellow	100	1683430000
ZDU 2.5/4AN GE/GN	yellow/green	100	1692240000
ZDU 2.5/4AN GN	green	100	1683440000
ZDU 2.5/4AN GR	grey	100	1683470000
ZDU 2.5/4AN OR	orange	100	1636800000
ZDU 2.5/4AN RT	red	100	1683420000
ZDU 2.5/4AN SW	black	100	1683490000
ZDU 2.5/4AN WS	white	100	1683480000

ZDU 2.5 2X2AN

ZDU 2.5/2X2AN			1608600000
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ZDU 2.5-2

ZDU 2.5-2 OR	orange	100	1772080000
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ZDU 2.5-2/3AN

ZDU 2.5-2/3AN OR	orange	100	1706050000
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ZDU 2.5-2/4AN

ZDU 2.5-2/4AN OR	orange	100	1706080000
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ZTR 2.5

ZTR 2.5 OR	orange	100	8731680000
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ZTR 2.5/3AN

ZTR 2.5/3AN OR	orange	50	8731690000
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ZTR 2.5/4AN

ZTR 2.5/4AN OR	orange	100	7920940000
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ZTR 2.5-2

ZTR 2.5-2 OR	orange	100	1779130000
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ZDK 2.5

ZDK 2.5 OR	orange	50	1694140000
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ZDK 2.5-2

ZDK 2.5-2 OR	orange	50	1831260000
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Mini terminals

4 mm ²			
ZDU 4	Colour	Qty.	Order No.
ZDU 4 BR	brown	100	1683620000
ZDU 4 GE	yellow	100	1683590000
ZDU 4 GE/GN	yellow/green	100	1698770000
ZDU 4 GN	green	100	1683600000
ZDU 4 GR	grey	100	1683630000
ZDU 4 OR	orange	100	1636830000
ZDU 4 RT	red	100	1683580000
ZDU 4 SW	black	100	1683650000
ZDU 4 VI	violet	100	1683610000
ZDU 4 WS	white	100	1683640000
ZDU 4-2/2AN			
ZDU 4-2/2AN OR	orange	100	1770850000
ZDU 4-2/3AN			
ZDU 4-2/3AN OR	orange	100	1770870000
ZDU 4-2/4AN			
ZDU 4-2/4AN OR	orange	100	1807000000

6 mm ²			
ZDU 6	Colour	Qty.	Order No.
ZDU 6 GE/GN	yellow/green	50	1698800000
ZDU 6 OR	orange	50	1636820000
ZDU 6 RT	red	50	1830420000
ZDU 6-2/2AN			
ZDU 6-2/2AN OR	orange	50	1771400000
ZDU 6-2/3AN			
ZDU 6-2/3AN OR	orange	50	1771430000

10 mm ²			
ZDU 10	Colour	Qty.	Order No.
ZDU 10 OR	orange	25	1830610000

16 mm ²			
ZDU 16	Colour	Qty.	Order No.
ZDU 16 OR	orange	25	1830680000

35 mm ²			
ZDU 35	Colour	Qty.	Order No.
ZDU 35 OR	orange	10	1830760000

2.5 mm ²			
ZDUA 2.5-2	Colour	Qty.	Order No.
ZDUA 2.5-2 OR	orange	100	1720940000
ZDUB 2.5-2/2AN			
ZDUB 2.5-2/2AN/DB OR	orange	100	1704520000
ZDUB 2.5-2/2AN/DM OR	orange	100	1704370000
ZDUB 2.5-2/4AN			
ZDUB 2.5-2/4AN/DM OR	orange	100	1704560000

