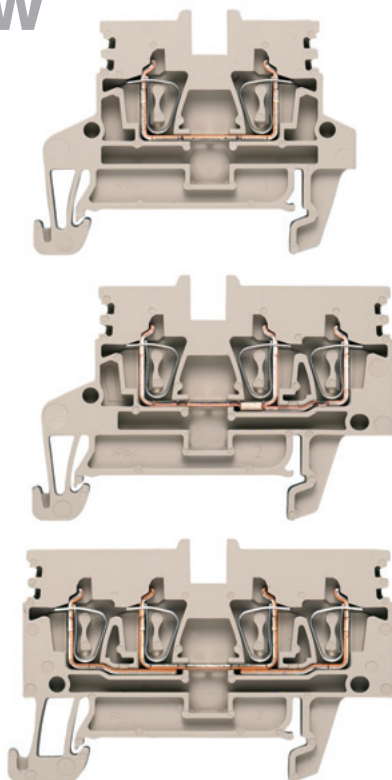


Modular terminal blocks with tension clamp connection

ZDU 2.5N

ZPE 2.5N

NEW



The new Z-Compact series of modular terminal blocks means that Weidmüller can now provide a range of products rigorously designed to satisfy demands for minimum dimensions. Equipped with the flexible and vibrationproof tension clamp connection, this series is ideal for use in railway engineering applications. Here, like in other applications as well, the compact size saves space and weight in electrical cabinets and enclosures. The range of products includes PE terminals as well as feed-through terminals with 2, 3 and 4 connections.

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Feed-through terminals

Compact-Style

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

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

Technical data

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

Note

Ordering data

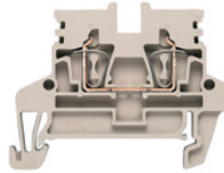
Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

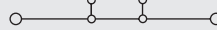
Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing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

ZDU 2.5N

4 mm²



5.1 x 50.5 x 39
24 / 4
0.05 ... 4



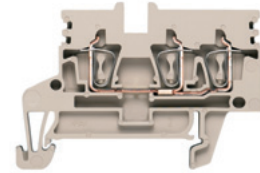
IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	300	300	
24	10	10	
4	AWG 30... 12	AWG 30... 12	
	6 / 3		
	A2 / V0		
applied for			
Rated connection		further connection	
0.5...4 / 1.5...2.5			
0.05...2.5 / 0.5...1.5			
10 / 0.6 x 3.5			

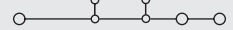
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDU 2.5N/3AN

4 mm²



5.1 x 56.5 x 39
24 / 4
0.05 ... 4



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

IEC	UL	CSA	EN 60079-7
800	300	300	
24	10	10	
4	AWG 30... 12	AWG 30... 12	
	6 / 3		
	A2 / V0		
applied for			
Rated connection		further connection	
0.5...4 / 1.5...2.5			
0.05...2.5 / 0.5...1.5			
10 / 0.6 x 3.5			

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

Type	Qty.	Order No.
ZDU 2.5N	50	1933700000
ZDU 2.5N BL	50	1933710000

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

width [mm]			
ZAP/TW ZDU/ZPE 2.5N	2	50	1933790000

width [mm]			
ZAP/TW ZDU/ZPE 2.5N/3AN	2	50	1933800000

width [mm]			
ZEW 35/2	8	20	8630740000

width [mm]			
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000

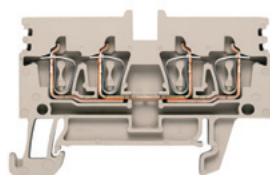
width [mm]			
SD 0.6x3.5x100	1		9008330000

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

width [mm]			
ZAD 9/4	20		1934160000

DEK 5/5 / WS 10/5

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

ZDU 2.5N/4AN**4 mm²****Compact-Style****5.1 x 60 x 39****24 / 4****0.05 ... 4**

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

IEC	UL	CSA	EN 60079-7
800	300	300	
24	10	10	
4	AWG 30... 12	AWG 30... 12	
	6 / 3		
	A2 / V0		

applied for

Rated connection	further connection
0.5...4 / 1.5...2.5	
0.05...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

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

Type	Qty.	Order No.
ZDU 2.5N/4AN	50	1933740000
ZDU 2.5N/4AN BL	50	1933750000

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

width [mm]			
ZAP/TW ZDU/ZPE 2.5N/4AN	2	50	1933810000

width [mm]			
ZEW 35/2	8	20	8630740000

ZTA ZT2.5	25	1827080000
ZTA ZT2.5/ZA	25	1847600000

SD 0.6x3.5x200	1	9010110000
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ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

ZAD 9/4	20	1934160000
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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).

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

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

Technical data

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

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

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

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

Note

Ordering data

Version
green/yellow Wemid

Note

Accessories

End plate
dark beige Wemid

End bracket
dark beige / beige

Testing / Checking	
For testing wired terminal strips	Standard with spigot

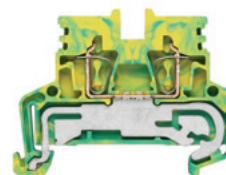
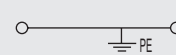
Screwdrivers	
with cutting device "swifty set"	Standard

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

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

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

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

ZPE 2.5N**4 mm²****5.1 x 50.5 x 39****/ 4****0.05 ... 4**

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

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

applied for

Rated connection	further connection
0.5...4 / 1.5...2.5	
0.05...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

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

Type	Qty.	Order No.
ZPE 2.5N	50	1933760000

Type	width [mm]	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N	2	50	1933790000

width [mm]			
ZEW 35/2	8	20	8630740000

ZTA ZT2.5	25	1827080000
ZTA ZT2.5/ZA	25	1847600000

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

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

Compact-Style

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

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

Technical data

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

Note

Ordering data

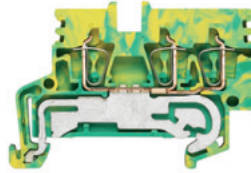
Version	
green/yellow Wemid	
Note	

Accessories

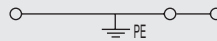
End plate	
dark beige Wemid	
End bracket	
dark beige / beige	
Testing / Checking	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
with cutting device "swifty set"	Standard
Reducing sleeves	
for conductors < 0.5 mm ² / < AWG 20	ZRH 1.5H/1
for conductors < 1.0 mm ² / < AWG 18	ZRH 1.5H/2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

ZPE 2.5N/3AN

4 mm²



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



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

IEC	UL	CSA	EN 60079-7
4	AWG 30... 12	AWG 30... 12	
800			
6			
	3		
	A2 / V0		
applied for			
Rated connection	further connection		
0.5...4 / 1.5...2.5			
0.05...2.5 / 0.5...1.5			
10 / 0.6 x 3.5			

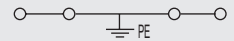
2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZPE 2.5N/4AN

4 mm²



5.1 x 60 x 39
/ 4
0.05 ... 4



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

IEC	UL	CSA	EN 60079-7
4	AWG 30... 12	AWG 30... 12	
800			
6			
	3		
	A2 / V0		
applied for			
Rated connection	further connection		
0.5...4 / 1.5...2.5			
0.05...2.5 / 0.5...1.5			
10 / 0.6 x 3.5			

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

Type	Qty.	Order No.
ZPE 2.5N/3AN	50	1933770000
Type	Qty.	Order No.
ZPE 2.5N/4AN	50	1933780000

Type	width [mm]	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/3AN	2	50	1933800000
Type	width [mm]	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/4AN	2	50	1933810000
Type	width [mm]	Qty.	Order No.
ZEW 35/2	8	20	8630740000
Type	width [mm]	Qty.	Order No.
ZTA ZT2.5	25		1827080000
ZTA ZT2.5/ZA	25		1847600000
Type	width [mm]	Qty.	Order No.
SD 0.6x3.5x100	1		9008330000
Type	width [mm]	Qty.	Order No.
ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000
Type	width [mm]	Qty.	Order No.
ZRH 1.5H/2	1000		1678800000
Type	width [mm]	Qty.	Order No.
DEK 5/5 / WS 10/5			
2.5 mm ² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).			

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