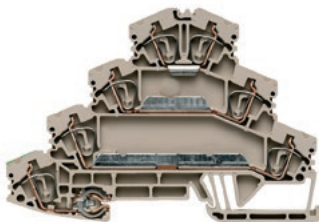


ZMAK 2.5

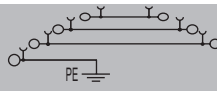
2.5 mm²

Motor-supply terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 102 x 69.5
31 / 4
0.13...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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

IEC	UL	CSA	EN 60079-7
400	300	300	
24	25	25	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
CE ENEC TUV SÜD			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version
dark beige
Note

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Test adapter	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

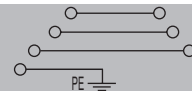
ZMAK 2.5 690 V

2.5 mm²

Motor-supply terminal



6.1 x 102 x 69.5
31 / 4
0.13...4



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

IEC	UL	CSA	EN 60079-7
690	300		
24	25		
2.5	AWG 26...12		
6 kV / 3			
A3 / V-0			
CE ENEC TUV SÜD			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

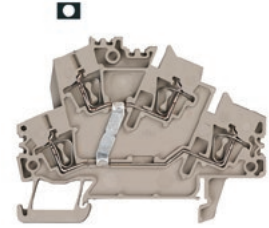
Type	Qty.	Order No.
ZMAK 2.5 690V	25	1027550000
The ZMAK 2.5 690 V with pre-assembled end plate and a width of 6.1 mm.		

Type	Qty.	Order No.
ZAP ZMAK2.5	10	1768010000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZTA 1	9 A 25	1609040000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000



2.5 mm²

Vertical cross-connected double-level terminal



5.1 x 72.5 x 54.5
24/4
0.05...4

IEC 60947-7-1

Ex eb II		II 2 G D
C Gb		

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm ²
8 kV / 3			
A2 / V-0			

Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
------	------	-----------

Type	Qty.	Order No.
ZDK 2.5-2V	50	1791030000
ZDK 2.5-2V BL	50	1791040000

Type	Qty.	Order No.
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Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000

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

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

11.1	25	10000110000
------	----	-------------

ZTA 4	11 A	25	1688110000
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2D10 2UM 2 2X0 5X100	1	8748618888
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SDIS SLIM 0.6X3.5X100	1	2749610000
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[illegible]

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

A horizontal bar chart with two bars. The top bar is grey and the bottom bar is orange. The orange bar is shorter than the grey bar.

ZAD 1/4-2 GE	20	1764560000
--------------	----	------------

A horizontal bar chart with two bars. The top bar is grey and the bottom bar is orange. The orange bar is shorter than the grey bar.

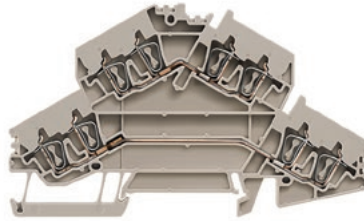
DEK 5/5 MC NE WS	1000	1609801044
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ZDK 2.5-2/4

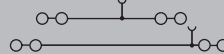
2.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 104 x 62
26 / 4
0.05...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version
dark beige
Note

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	550
22	20	20	19
2.5	AWG 30...12	AWG 30...12	4 mm ²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1808U			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
ZDK 2.5-2/4AN	50	1394040000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5-2/4AN	20	1394050000
ZEW 35	20	9540000000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDS 0.6X3.5X100	1	2749340000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

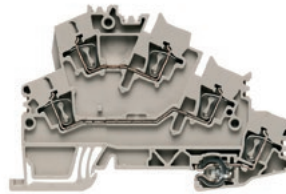


Spring connection with tension clamp technology (Z-Series) Feed-through terminal blocks

ZDKPE 2.5-2

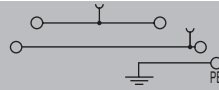
2.5 mm²

Double-tier terminal with one-sided
PE connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 89.5 x 59.5
24 / 4
0.05...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
Note	

Accessories

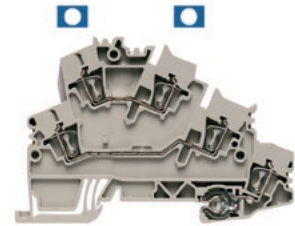
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
	With "swifty set" cutting device
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

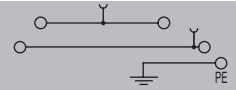
ZDKPE 2.5-2/N/L/PE

2.5 mm²

Double-tier terminal with one-sided
PE connection



5.1 x 89.5 x 59.5
24 / 4
0.05...4



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

IEC	UL	CSA	EN 60079-7
800	600	300	
24	20	25	
2.5	AWG 26...12	AWG 30...12	
8 kV / 3			
A2 / V-0			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
ZDKPE 2.5-2/N/L/PE	50	1895700000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDKPE2.5-2	25	1805960000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

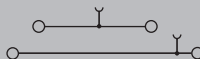
ZDK 4-2

4 mm²

Double-level terminal



6.1 x 77.6 x 60
32 / 6
0.13...6



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

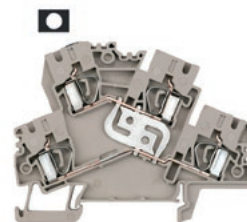
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

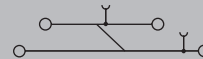
ZDK 4-2 V

4 mm²

Vertical cross-connected double-level terminal



6.1 x 77.6 x 60
32 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			
CE			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			
Note			

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

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

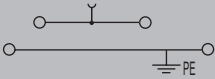
Spring connection with tension clamp technology (Z-Series) Feed-through terminal blocks

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 77.6 x 60	
32 / 6	
0.13...6	



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			
CE CB IEC VDE			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2		
	50	8670760000
ZEW 35		
	20	9540000000
ZTA 6/ZA		
	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100		
	1	2749610000
ZAD 1/4		
	20	1609110000
DEK 5/6 MC NE WS		
	1000	1609820000
DEK 5/6 MM WS		
	600	2007120000
WS 8/6 MM WS		
	600	2007160000

For detailed information on other accessories and application in the online catalogue

ZDK 4-2/2AN

4 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8.1 x 78 x 60
/ 6
0.13...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
800			
32			
4	AWG 26...10		
	/ 3		
	A3 / V-0		
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version
dark beige
Note

Type	Qty.	Order No.
ZDK 4-2/2AN	50	1119700000
Note		

Accessories

Cover
With lightning flash symbol
End bracket
dark beige
Test adapter
With spigot
Screwdriver
Standard
Marking tags

Type	Qty.	Order No.
ZAD 1/4	20	1609110000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A	25
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000

For detailed information on other accessories and application in the online catalogue



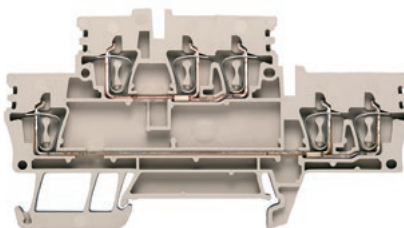
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDK 2.5/3AN

2.5 mm²

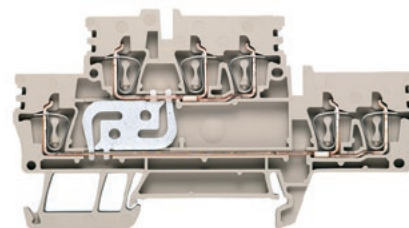
Double-level terminal



ZDK 2.5/3AN V

2.5 mm²

Vertical cross-connected double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 93 x 50.5	
24 / 4	
0.05...4	

5.1 x 93 x 50.5	
24 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm ²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1729U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	20
2.5	AWG 30...12	AWG 30...12	2.5 mm ²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1729U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDK 2.5/3AN	50	1924510000
ZDK 2.5/3AN BL	50	1924500000

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK 2.5/3AN		20	1924910000
ZEW 35		20	9540000000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 9/4		20	1934160000
SNAPMARK I		50	1805880000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

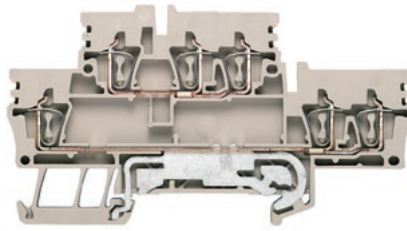
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK 2.5/3AN		20	1924910000
ZEW 35		20	9540000000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 9/4		20	1934160000
SNAPMARK I		50	1805880000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

ZDK 2.5/3AN DU-PE

2.5 mm²

Double-level terminal (DU-PE)



Width/Height/Depth	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
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

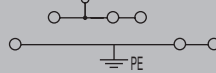
Ordering data

Version	Green/yellow
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

5.1 x 93 x 50.5	
31 / 4	
0.05...4	



Ex eb II
C Gb II 2 G D

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm ²
8 kV / 3			
A2 / V-0			

	DEMKO16ATEX1729U
Rated connection	
0.5...4 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZDK 2.5/3AN DU-PE	50	1924460000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK 2.5/3AN	20	1924910000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPEA 2.5-2

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 35 x 30	
/ 4	
0.13...4	

Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
500			
6			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
Green/yellow	
Note	

Accessories

End plate / Partition plate	
dark beige	
End bracket	
dark beige	
beige	
Screwdriver	
Standard	
Reducing sleeves	
for conductors < 0.5 mm ² / AWG 20	
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZPEA 2.5-2N

2.5 mm²

Two connections



5.1 x 42.5 x 35	
/ 4	
0.13...4	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Type	Qty.	Order No.
ZPEA 2.5-2N	50	1808210000

Type	Qty.	Order No.
ZAP/TW ZDUA2.5-2N	50	1808170000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

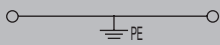
ZPEB 2.5-2

2.5 mm²

Two connections



5.1 x 33.5 x 31
/ 4
0.13...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

Rated connection

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

10 / 0.6 x 3.5 mm

TS 15 - block construction

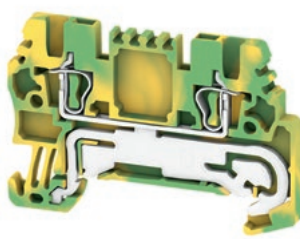
Type	Qty.	Order No.
ZPEB 2.5-2	100	1712810000

Type	Qty.	Order No.
ZAP ZDUB	50	1704750000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

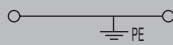
ZPE 1.5

1.5 mm²

Two connections



3.5 x 54.5 x 36.5
/ 1.5
0.05...1.5



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
	180 A (1.5 mm ²)		
	3		
	B1 / V-0		

Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75

10 / 0.4 x 2.0 mm

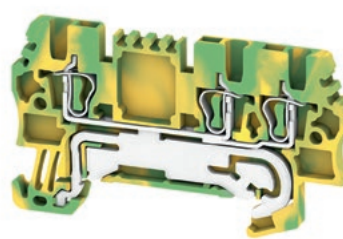
Type	Qty.	Order No.
ZPE 1.5	50	1775510000

Type	Qty.	Order No.
ZAP/TW ZDU1.5/2AN	20	1776030000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

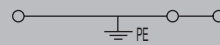
ZPE 1.5/3AN

1.5 mm²

Three connections



3.5 x 63 x 36.5
/ 1.5
0.05...1.5



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
	180 A (1.5 mm ²)		
	3		
	B1 / V-0		

Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75

10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZPE 1.5/3AN	50	1775560000

Type	Qty.	Order No.
ZAP/TW ZDU1.5/3AN	20	1776060000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

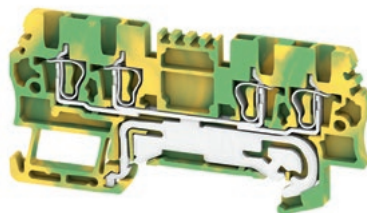
Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPE 1.5/4AN

1.5 mm²

Four connections



ZPE 2.5

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

3.5 x 75.5 x 36.5	
/ 1.5	
0.05...1.5	



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...12	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
3			
B1 / V-0			

Rated connection	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
0.5...0.75	
10 / 0.4 x 2.0 mm	

5.1 x 63 x 38.5	
/ 4	
0.05...4	



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

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

Type	Qty.	Order No.
ZPE 2.5	50	1608640000

Type	Qty.	Order No.
ZPE 1.5/4AN	50	1775620000

Type	Qty.	Order No.
ZAP/TW 1	50	1608740000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/VO	1000	1614290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZAP/TW ZDU1.5/4AN	20	1776090000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007110000

For detailed information on other accessories and application in the online catalogue

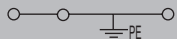
ZPE 2.5/3AN

2.5 mm²

Three connections



5.1 x 64.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

Rated connection

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

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/3AN	50	1608650000

Type	Qty.	Order No.
ZAP/TW 2 DB	50	1608770000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

ZPE 2.5/4AN

2.5 mm²

Four connections



5.1 x 79.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

Rated connection

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

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/4AN	50	1608660000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

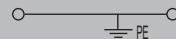
ZPE 4

4 mm²

Two connections



6.1 x 62.5 x 43
/ 6
0.13...6



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4		AWG 26...10	6 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			

Rated connection

0.5...6 / 1.5...6
0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4	50	1632080000

Type	Qty.	Order No.
ZAP/TW 4	50	1632090000
ZEW 35	20	9540000000
ZTA 2 ZDU4	9 A 25	1609060000
ZTA 2/ZA ZDU4	9 A 25	1609070000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

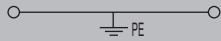
ZPE 6

6 mm²

Two connections



8.1 x 65 x 45
/ 10
0.22...10



Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

13 / 0.6 x 3.5 mm

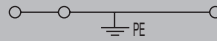
ZPE 6/3 AN

6 mm²

Three connections



8.1 x 90 x 45
/ 10
0.22...10



Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 6	50	1608670000

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

Type	Qty.	Order No.
ZAP/TW 5	50	1608830000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

Type	Qty.	Order No.
ZAP/TW6/3AN	20	7907370000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000



Spring connection with tension clamp technology (Z-Series) PE terminal blocks

ZPE 10

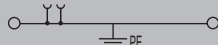
10 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

10.1 x 73.5 x 49.5	
/ 16	
1.31...16	



Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

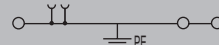
ZPE 10/3 AN

10 mm²

Three connections



10.1 x 99 x 49.5	
/ 16	
1.31...16	



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	16 mm ²
800			
8			
1200 A (10 mm ²)			
3			
A6 / V-0			
Approvals			
Rated connection			
1.5...16 / 1.5...16			
1.5...10 / 1.5...10			
18 / 1.0 x 5.5 mm			

Note

Ordering data

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

Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

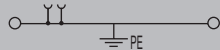
ZPE 16

16 mm²

Two connections



12.1 x 82.5 x 50.5
/ 25
1.5...25



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...4	25 mm ²
800			
8			
1920 A (16 mm ²)			
3			
A7 / V-0			



Rated connection

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

18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16	25	1745250000

Type	Qty.	Order No.
ZAP/TW ZDU16	20	1745150000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

ZPE 16/3AN

16 mm²

Three connections



12.1 x 99 x 50.5
/ 25
1.5...25



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...4	25 mm ²
800			
8			
1920 A (16 mm ²)			
3			
A7 / V-0			



Rated connection

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

18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

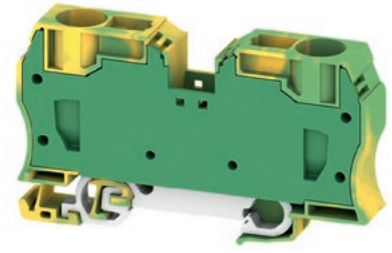
Type	Qty.	Order No.
ZPE 16/3AN	20	1768310000

Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

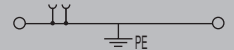
ZPE 35

35 mm²

Two connections



16 x 100.5 x 58.5
/ 35
2.5...35



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm ²
800			
8			
4200 A (35 mm ²)			
3			
A8 / V-0			



Rated connection

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

25 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 35	10	1739650000

Integrated end plate.

Type	Qty.	Order No.
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

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

The plug-in cross-connections ZDV 35/2 (1739700000) can be used.



Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPE 2.5-2

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 43.5	
/ 4	
0.13...4	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZPE 2.5-2/3AN

2.5 mm²

Three connections



5.1 x 50.5 x 43.5	
/ 4	
0.13...4	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...14	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZPE 2.5-2/3AN	50	1706090000

Type	Qty.	Order No.
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

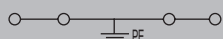
ZPE 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 43.5
/ 4
0.13...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...14	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

Rated connection

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

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5-2/4AN	50	1706100000

Type	Qty.	Order No.
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

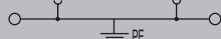
ZPE 4-2/2AN

4 mm²

Two connections



6.1 x 61.5 x 45.5
/ 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
	480 A (4 mm ²)		
	3		
	A3 / V-0		

Rated connection

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

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/2AN	50	1770380000

Type	Qty.	Order No.
ZAP ZDU4-2	50	1770400000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

ZPE 4-2/3AN

4 mm²

Three connections



6.1 x 61.5 x 45.5
/ 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
	480 A (4 mm ²)		
	3		
	A3 / V-0		

Rated connection

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

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/3AN	50	1770390000

Type	Qty.	Order No.
ZAP ZDU4-2	50	1770400000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Spring connection with tension clamp technology (Z-Series) PE terminal blocks

ZPE 4-2/4 AN

4 mm²

Four connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 75 x 45.5	
/ 6	
0.13...6	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZPE 6-2/2AN

6 mm²

Two connections



8.1 x 68 x 49.19	
/ 10	
0.22...10	

IEC 60947-7-2	Ex eb II	C Gb	Ex	II 2 G D
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IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm ²
800			
8			
	720 A (6 mm ²)		
	3		
	A5 / V-0		

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

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

Type	Qty.	Order No.
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

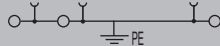
ZPE 6-2/3AN

6 mm²

Three connections



8.1 x 68 x 49.19
/ 10
0.22...10



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			

Rated connection

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

12 / 0.6 x 3.5 mm

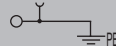
ZPE 16-2/1AN

16 mm²

Supply terminal - PE



12 x 65 x 50.5
/ 25
1.5...25



In accordance with IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 26...14	
800			
8			
1920 A (16 mm ²)			
3			
A7 / V-0			

Rated connection

1.5...10 / 16...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

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

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

Type	Qty.	Order No.
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.8X4.0X100	1	2749620000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

Type	Qty.	Order No.
ZAP/Z...16-2/1AN	10	1772970000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000

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



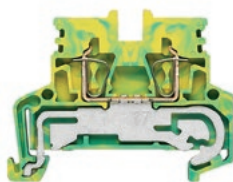
Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPE 2.5N

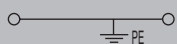
2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 38.5
/ 4
0.05...4



Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

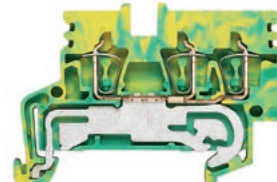
End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZPE 2.5N/3AN

2.5 mm²

Three connections



5.1 x 56.5 x 38.5
/ 4
0.05...4



Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

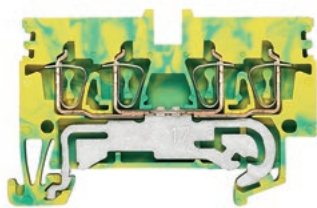
Note

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

Type	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/3AN	50	1933800000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A	25 1827080000
ZTA ZT2.5/ZA	17.5 A	25 1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

ZPE 2.5N/4AN 2.5 mm²

Four connections



5.1 x 60 x 38.5
/ 4
0.05...4

IEC 60947-7-2

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5 mm²
800			
6			
	300 A (2.5 mm²)		
	3		
	A2 / V-0		

Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

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

Type	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/4AN	50	1933810000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000



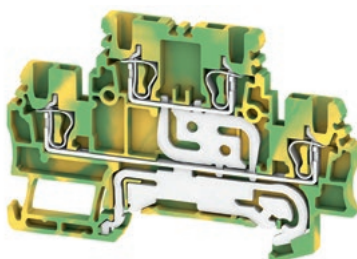
Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZDK 1.5 PE

1.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 75.5 x 49.5
/ 1.5
0.05...1.5



Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

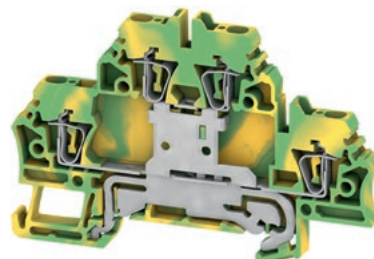
End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Screwdriver	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDK 2.5 PE

2.5 mm²

Vertically cross-connected



5.1 x 79.5 x 53
/ 2.5
0.05...2.5



IEC 60947-7-2		Ex eb II C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7	
2.5	AWG 26...14		2.5 mm ²	
500				
6				
	180 A (1.5 mm ²)			
	3			
	B1 / V-0			
CE		UL		UL
Rated connection		Rated connection		Rated connection
0.5...1.5		0.5...2.5		0.5...2.5
0.5...1.5 / 0.5...1.5		0.5...2.5 / 0.5...1.5		0.5...2.5 / 0.5...1.5
0.5...0.75				
10 / 0.4 x 2.0 mm		10 / 0.6 x 3.5 mm		

Note

Type	Qty.	Order No.
ZDK 2.5PE	50	1690000000

Type	Qty.	Order No.
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 PLUS MC NE GE	1000	1907520000
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

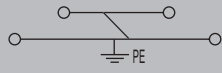
ZDK 2.5-2PE

2.5 mm²

Four connections



5.1 x 72.5 x 54.5
/ 4
0.05...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...12	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

Rated connection

0.5...4

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

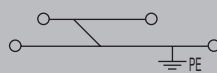
ZDK 4-2 PE

4 mm²

Four connections



6.1 x 77.6 x
/ 6
0.13...6



IEC 60947-7-2

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

Rated connection

0.5...6

0.5...4

10 / 0.6 x 3.5 mm

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

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

Type	Qty.	Order No.
ZAP/TW ZDK2.5-2	20	1791050000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
SDS 0.5X3.0X80	1	2749330000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000