

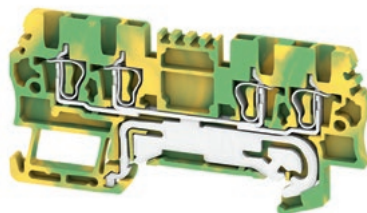
Spring connection with tension clamp technology (Z-Series)

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 mm²	
500				
6				
180 A (1.5 mm²)				
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 1.5/4AN	50	1775620000

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

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.
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/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

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

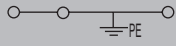
ZPE 2.5/3AN

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/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

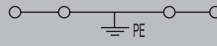
ZPE 2.5/4AN

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/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

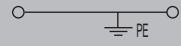
ZPE 4

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

Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPE 4/3 AN

4 mm²

Three connections



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

6.1 x 85.5 x 43	
/ 6	
0.13...6	

Ex eb II
C Gb II 2 G D

IEC 60947-7-2	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 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

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 4/4 AN

4 mm²

Four connections



6.1 x 104.5 x 43	
/ 6	
0.13...6	

Ex eb II
C Gb II 2 G D

IEC 60947-7-2	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 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

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

Type	Qty.	Order No.
ZAP/TW4/4AN	20	7904210000
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

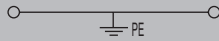
ZPE 6

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

Type	Qty.	Order No.
ZPE 6	50	1608670000

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

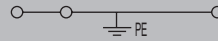
ZPE 6/3 AN

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 6/3AN	50	7907400000

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

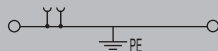
10 mm²

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			

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

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

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