

Feed-through terminals

Roof-style

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

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

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

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

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

ZDU 2.5-2

2.5 mm²

Two connections



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

IEC 60947-7-1	Ex e ll	Ex	ll 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	24	24	21
2.5	AWG 26...12	AWG 30...12	2.5
8 / 3			
A2 / V-0			
KEMA 97ATEX4677 U			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Type	Qty	Order No.
ZDU 2.5-2	100	1772060000
ZDU 2.5-2 BL	100	1772070000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZAP/TW7 BL	2.5 mm	50	1706120000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000

DEK 5 / WS 14/5
The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

ZDU 2.5-2/3AN

2.5 mm²

Three connections



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

IEC 60947-7-1	Ex e ll	Ex	ll 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	23	23	21
2.5	AWG 26...12	AWG 30...12	2.5
8 / 3			
A2 / V-0			
KEMA 97ATEX4677 U			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

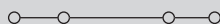
Type	Qty	Order No.
ZDU 2.5-2/3AN	100	1706010000
ZDU 2.5-2/3AN BL	100	1706040000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZAP/TW7 BL	2.5 mm	50	1706120000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000

DEK 5 / WS 14/5
The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

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

5.1 x 50.5 x 44

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

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

 KEMA 97ATEX4677 U**Rated connection**

0.5...4

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

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

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

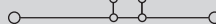
Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZAP/TW7 BL	2.5 mm	50	1706120000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	5.1 mm	25	1688110000
SD 0.6x3.5x100			
		1	9008330000
ZRH 1.5H/1			
		1000	1678810000
ZRH 1.5H/2			
		1000	1678800000
ZAD 1/4-2 GE			
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

DEK 5 / WS 14/5

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

ZDU 4-2**4 mm²****Two connections**

6.1 x 61.5 x 46

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

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

 KEMA 97ATEX4677 U**Rated connection**

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDU 4-2/2AN	100	1770370000
ZDU 4-2/2AN BL	100	1770840000
The rated voltage is reduced to 400 V when using the cross-connection.		

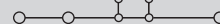
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP ZDU4-2	2 mm	50	1770400000
ZAP ZDU4-2 BL	2 mm	50	1770880000
ZEW 35			
	6 mm	20	9540000000
ZTA 6/ZA			
	6.1 mm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

DEK 5/6 / WS 12/6

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

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

6.1 x 61.5 x 46

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

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

 KEMA 97ATEX4677 U**Rated connection**

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

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

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

WS 12/6

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

Feed-through terminals

Roof-style

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

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

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

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

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



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

ZDU 4-2/3AN LSC

4 mm²

Three connections



6.1 x 61.5 x 46

38 / 6

0.13...6



IEC 60947-7-1		Ex e II		II 2 G D
IEC	UL	CSA	EN 60079-7	
800	600	600	550	
32	33	35	28	
4	AWG 26...10	AWG 26...10	4	
8 / 3				
A3 / V-0				
KEMA 97ATEX4677 U				
Rated connection				
0.5...6				
0.5...4 / 0.5...4				
10 / 0.6 x 3.5 mm				
The ZDU 4-2/3AN LSC version can be mounted on a 40mm Lütze frame.				

Type	Qty	Order No.
ZDU 4-2/3AN LSC	100	1790520000
The rated voltage is reduced to 400 V when using the cross-connection.		

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

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

DEK 5/6 / WS 12/6

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

ZDU 4-2/4AN

4 mm²

Four connections



6.1 x 75.1 x 46

32 / 6

0.13...6



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

Type	Qty	Order No.
ZDU 4-2/4AN	100	1806980000
ZDU 4-2/4AN BL	100	1806990000
The rated voltage is reduced to 400 V when using the cross-connection.		

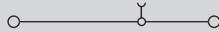
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP ZDU4-2/4AN	2 mm	50	1807010000
ZAP ZDU4-2/4AN BL	2 mm	50	1807020000
ZEW 35			
	6 mm	20	9540000000
ZTA 6/ZA			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

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

DEK 5/6 / WS 12/6

ZDU 6-2/2AN**6 mm²****Two connections**

8.1 x 68 x 50
41 / 10
0.22...10



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

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	36
6	AWG 22...8	AWG 20...8	6
8 / 3			
A5 / V-0			

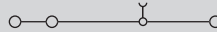
KEMA 97ATEX4677 U

Rated connection

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

ZDU 6-2/3AN**6 mm²****Three connections**

8.1 x 68 x 50
41 / 10
0.22...10



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

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	36
6	AWG 22...8	AWG 20...8	6
8 / 3			
A5 / V-0			

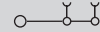
KEMA 97ATEX4677 U

Rated connection

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

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

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



IEC 60947-7-1

IEC	UL	CSA
800	600	600
76	65	65
16	AWG 14...4	AWG 14...4
6 / 3		
A7 / V-0		

Rated connection

1.5...10 25
 1.5...16 / 1.5...16
 18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty	Order No.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000
The rated voltage is reduced to 400 V when using the cross-connection.		

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

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

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZQV 6/24 GE	41 A	10	1908990000
Width			
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.8x4.0x100		1	9008340000

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZQV 6/24 GE	41 A	10	1908990000
Width			
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.8x4.0x100		1	9008340000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/8

DEK 5/8

DEK 8

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

Modular PE terminals

Roof-style

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

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

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

Technical data

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

Ordering data

Version	
	green/yellow Wemid
Note	

Accessories

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

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

ZPE 2.5-2

2.5 mm²

Two connections



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

IEC 60947-7-2	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...14	2.5
800			
8			
	3		
	A2 / V-0		
KEMA 97ATEX4677 U			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Type	Qty	Order No.
ZPE 2.5-2	100	1772090000

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

Marking systems	
	DEK 5/5 / WS 14/5

ZPE 2.5-2/3AN

2.5 mm²

Three connections



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

IEC 60947-7-2	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...14	2.5
800			
8			
	3		
	A2 / V-0		
KEMA 97ATEX4677 U			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Type	Qty	Order No.
ZPE 2.5-2/3AN	100	1706090000

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

Marking systems	
	DEK 5 / WS 14/5

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

5.1 x 50.5 x 44

/ 4

0.13...4

IEC 60947-7-2

Ex e II II 2 G D

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

KEMA 97ATEX4677 U

Rated connection

0.5...4

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

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

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

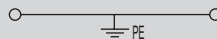
Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

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

6.1 x 61.5 x 46

/ 6

0.13...6

IEC 60947-7-2

Ex e II II 2 G D

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

KEMA 97ATEX4677 U

Rated connection

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 4-2/2AN	100	1770380000

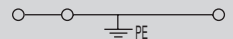
Type	Width	Qty	Order No.
ZAP ZDU4-2	2 mm	50	1770400000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

DEK 5/6 / WS 12/6

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

6.1 x 61.5 x 46

/ 6

0.13...6

IEC 60947-7-2

Ex e II II 2 G D

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

KEMA 97ATEX4677 U

Rated connection

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 4-2/3AN	100	1770390000

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

DEK 5/6 / WS 12/6

Modular PE terminals

Roof-style

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

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

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

Technical data

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

Ordering data

Version
green/yellow Wemid
Note

Accessories

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

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

ZPE 4-2/4 AN

4 mm²

Four connections



6.1 x 75 x 46
/ 6
0.13...6



IEC 60947-7-2	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	3		
	A3 / V-0		
KEMA 97ATEX4677 U			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

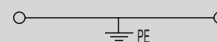
ZPE 6-2/2AN

6 mm²

Two connections



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



IEC 60947-7-2	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6
800			
8			
	3		
	A5 / V-0		
KEMA 97ATEX4677 U			
Rated connection			
0.5...10			
0.5...10 / 0.5...6			
12 / 0.6 x 3.5 mm			

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

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

Type	Qty	Order No.
ZPE 4-2/4AN	100	1807090000

Type	Width	Qty	Order No.
ZAP ZDU4-2/4AN	2 mm	50	1807010000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

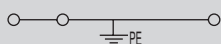
Marking systems	DEK 5/6 / WS 12/6
For detailed information on other accessories and applications, refer to the „Accessories“ section	

Marking systems	DEK 5/8
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZPE 6-2/3AN**6 mm²****Three connections**

8.1 x 68 x 50

/ 10

0.22...10

IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6
800			
8			
	3		
	A5 / V-0		

KEMA 97ATEX4677 U

Rated connection

0.5...10

0.5...10 / 0.5...6

12 / 0.6 x 3.5 mm

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

12 x 65 x 51.5

/ 25

1.5...25

IEC 60947-7-2

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

Rated connection

1.5...10 / 16...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

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

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

Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.8x4.0x100		1	9008340000

Type	Width	Qty	Order No.
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/8

DEK 5/8

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

Double / Multilevel terminals

Roof-style

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

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

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

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
	with „swifty set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZDK 2.5-2

2.5 mm²

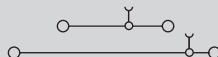
Double level terminals



5.1 x 72.5 x 55.5

24 / 4

0.05...4



IEC 60947-7-1

IEC	UL	CSA
800	600	600
24	20	25
2.5	AWG 30...12	AWG 30...12
8 / 3		
A2 / V-0		
		
Rated connection		
0.5...4		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

ZDK 2.5-2V

2.5 mm²

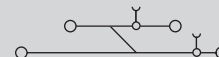
Vertically cross-connected double level terminal



5.1 x 72.5 x 55.5

24 / 4

0.05...4



IEC 60947-7-1

IEC	UL	CSA
800	600	600
24	20	20
2.5	AWG 30...12	AWG 30...12
8 / 3		
A2 / V-0		
		
Rated connection		
0.5...4		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZDK 2.5-2	50	1790990000
ZDK 2.5-2 BL	50	1791000000
The rated voltage is reduced to 400 V when using the cross-connection.		

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

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5-2	2 mm	20	1791050000
ZAP/TW ZDK2.5-2 BL	2 mm	20	1791060000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	5.1 mm	25	1688110000
SD 0.6x3.5x100			
		1	9008330000
ZRH 1.5H/1			
		1000	1678810000
ZRH 1.5H/2			
		1000	1678800000
ZAD 1/4-2 GE			
		20	1764560000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5-2	2 mm	20	1791050000
ZAP/TW ZDK2.5-2 BL	2 mm	20	1791060000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	5.1 mm	25	1688110000
SD 0.6x3.5x100			
		1	9008330000
ZRH 1.5H/1			
		1000	1678810000
ZRH 1.5H/2			
		1000	1678800000
ZAD 1/4-2 GE			
		20	1764560000

Roof-style

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

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

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

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

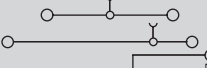
Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
	with „swifty set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZDKPE 2.5-2**2.5 mm²**

Double level terminals with
PE connection on one side



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

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

IEC	UL	CSA
800	600	600
24	20	20
2.5	AWG 30...12	AWG 30...12
	8 / 3	
	A2 / V-0	
Rated connection		
0.5...4		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

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

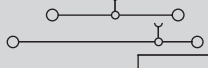
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDKPE2.5-2	2 mm	25	1805960000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	5.1 mm	25	1688110000
SD 0.6x3.5x100			
	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

DEK 5/5 / WS 10/5

ZDKPE 2.5-2/N/L/PE**2.5 mm²**

Double level terminals with
PE connection on one side



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

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

IEC	UL	CSA
800	600	600
24	20	20
2.5	AWG 30...12	AWG 30...12
	8 / 3	
	A2 / V-0	
Rated connection		
0.5...4		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZDKPE 2.5-2/N/L/PE	50	1895700000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDKPE2.5-2	2 mm	25	1805960000
ZEW 35			
	6 mm	20	9540000000
ZTA 4			
	5.1 mm	25	1688110000
SD 0.6x3.5x100			
		1	9008330000
SWIFTY			
		1	9006020000
ZRH 1.5H/1			
		1000	1678810000
ZRH 1.5H/2			
		1000	1678800000
ZAD 1/4-2 GE			
		20	1764560000

DEK 5/5 / WS 10/5

Double / Multilevel terminals

Roof-style

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

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

Technical data

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

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
	with „swifty set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm ² / AWG 20
	For conductors < 1,0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

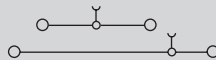
ZDK 4 -2

4 mm²

Double level terminals



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



IEC 60947-7-1

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

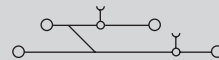
ZDK 4-2 V

4 mm²

Vertically cross-connected double level terminal



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



IEC 60947-7-1

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

Type	Qty	Order No.
ZDK 4-2	50	1608950000
ZDK 4-2 BL	50	8670850000

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

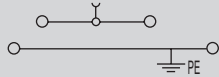
Type	Qty	Order No.
ZDK 4-2 V	50	8671080000

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

DEK 5/6

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

6.1 x 77.6 x 61

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

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

IEC	UL	CSA
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
	8 / 3	
	A3 / V-0	

**Rated connection**

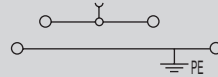
0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

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

6.1 x 77.6 x 61

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

IEC 60947-7-1

IEC	UL	CSA
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
	8 / 3	
	A3 / V-0	

**Rated connection**

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

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

Type	Qty	Order No.
ZDK 4-2/N/L	50	1905170000

Upper level printed blue

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZAP/TW ZDK4-2 BL	2 mm	50	8670620000

ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000

ZAD 1/4	20	1609110000
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DEK 5/6

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZAP/TW ZDK4-2 BL	2 mm	50	8670620000

ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000

ZAD 1/4	20	1609110000
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DEK 5/6

Double / Multilevel terminals

Roof-style

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

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

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

Technical data

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

Ordering data

Version
green/yellow Wemid
Note

Accessories

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

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

ZDK 2.5-2 PE

2.5 mm²

Four connections



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

IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 30...12	AWG 30...12
800		
8		
	300 A (2.5 mm ²)	
	3	
	A2 / V-0	
Rated connection		
0.5...4		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

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

Type	Width	Qty	Order No.
ZAP/TW ZDK2.5-2	2 mm	20	1791050000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.5x3.0x80		1	9008320000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

ZDK 4-2 PE

4 mm²

Four connections



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

IEC 60947-7-2

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

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

Type	Width	Qty	Order No.
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000

DEK 5/6

ZPE 16-2/1AN

16 mm²

Supply terminal - PE



12 x 65 x 51.5

/ 25

1.5...25

IEC 60947-7-2		
IEC	UL	CSA
16	AWG 14...4	AWG 14...4
800		
8		
1920 A (16 mm²)		
3		
A7 / V-0		
  		
Rated connection		
1.5...10 / 16...25		
1.5...16 / 1.5...16		
18 / 1.0 x 5.5 mm		
Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.		

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

Type	Width	Qty	Order No.
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/8

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

Test-disconnect terminals

Standard model and Roof-style

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

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

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

Technical data

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

Ordering data

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

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	yellow Wemid

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

ZTR 2.5-2

2.5 mm²

Two connections



5.1 x 50.5 x 44
21 / 2.5
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
2.5	AWG 26...12	AWG 26...12
	6 / 3	
	A2 / V-0	
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZTR 2.5-2	100	1779010000
ZTR 2.5-2 BL	100	1779120000
ZTR 2.5-2/O.TNHE	100	1779020000

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

Width			
ZAP/TW7	2.5 mm	50	1706110000
Width			
ZEW 35	6 mm	20	9540000000
Width			
SD 0.6x3.5x100		1	9008330000
Width			
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
Width			
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
Width			
TNST		50	1833090000

DEK 5/5 / WS 14/5

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

ZTR 6-2

6 mm²

2 connections



8.1 x 70 x 50.5
30 / 10
0.05...10



IEC	UL	CSA
800		
30		
6		
	8 / 3	
	A5 / V-0	
Rated connection		
0.5...10 / 0.5...6		
0.5...6 / 0.5...6		
12 / 0.6 x 3.5 mm		

Type	Qty	Order No.
ZTR 6-2	50	1023830000
End plate (Article: 1771440000 ZAP ZDU6-2) included in scope of delivery.		

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000

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

Roof-style

ZTR 6-2 E

6 mm²

Operation mode

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

Accessories

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



n

16.2 x 70 x 50.5

20 / 10

0.05...10

IEC	UL	CSA
20	20	20
6		
	8 / 3	
	A5 / V-0	

Rated connection

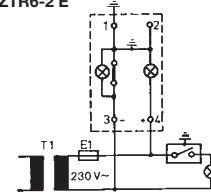
0.5...10 / 0.5...6
0.5...6 / 0.5...6
12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZTR 6-2 E / 230V UC	10	8817930000
ZTR 6-2 E / 24V DC	10	8817920000
End plate (Article: 1771440000 ZAP ZDU6-2) included in scope of delivery.		

Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SDI 0,6x3,5x100		1	9008390000

Operating mode

ZTR6-2 E

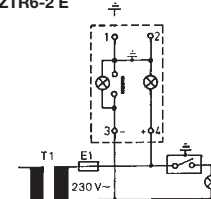


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

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

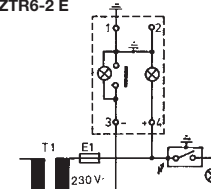
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

Operational malfunction

ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

(see assortment in catalogue 7)

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