

## Test-disconnect terminals

### Standard model and Roof-style

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

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 <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
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
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Test adapter	
	Standard
	With assembly peg
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

2.5 mm<sup>2</sup>

#### Two connections



5.1 x 59.5 x 41.5
<b>20 / 4</b>
<b>0.05...4</b>

IEC 60947-7-1

IEC	UL	CSA
500	600	600
20	20	20
2.5	AWG 30...12	AWG 30...12
6 / 3		
A3 / V-0		

#### Rated connection

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

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

Type	Qty	Order No.
ZTR 2.5	100	<b>1831280000</b>
ZTR 2.5 BL	100	<b>8731710000</b>
ZTR 2.5/O.TNHE	100	<b>1831130000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
		Width	
ZAP/TW 1	2 mm	50	<b>1608740000</b>
		Width	
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
TNST		50	<b>1833090000</b>

DEK 5/5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

### ZTR 2.5/3AN

2.5 mm<sup>2</sup>

#### Three connections



5.1 x 79.5 x 41.5
<b>20 / 4</b>
<b>0.05...4</b>

IEC 60947-7-1

IEC	UL	CSA
500	600	600
20	20	20
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		

UL

#### Rated connection

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

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

Type	Qty	Order No.
ZTR 2.5/3AN	100	<b>8731720000</b>
ZTR 2.5/3AN BL	100	<b>8731730000</b>
ZTR 2.5/3AN/O.TNHE	100	<b>8728450000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
		Width	
ZAP/TW 3	2 mm	50	<b>1608800000</b>
		Width	
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
TNST		50	<b>1833090000</b>

DEK 5/5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

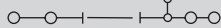
**ZTR 2.5/4AN**

**2.5 mm<sup>2</sup>**

Four connections



5.1 x 82.5 x 39.1  
**16 / 2.5**  
**0.05...2.5**



IEC 60947-7-1

IEC	UL	CSA
400	300	300
16	10	10
2.5	AWG 30...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<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZTR 2.5/4AN	100	<b>7920900000</b>
ZTR 2.5/4AN BL	100	<b>7920930000</b>
ZTR 2.5/4AN/O.TNHE	100	<b>7920950000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
Width			
ZAP/TW 3	2 mm	50	<b>1608800000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
TNST		50	<b>1833090000</b>

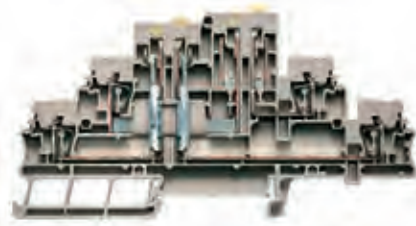
DEK 5/5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

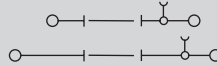
**ZDTR 2.5**

**2.5 mm<sup>2</sup>**

Four connections



5.1 x 117 x 63  
**16 / 4**  
**0.13...4**



IEC 60947-7-1

IEC	UL	CSA
400	300	300
16	10	10
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



**Rated connection**

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

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

Type	Qty	Order No.
ZDTR 2.5	20	<b>1745400000</b>
ZDTR 2.5 BL	20	<b>1798330000</b>

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	<b>1693800000</b>
ZQV 2.5N/3 GE	24 A	60	<b>1693810000</b>
ZQV 2.5N/4 GE	24 A	60	<b>1693820000</b>
ZQV 2.5N/10 GE	24 A	20	<b>1693880000</b>
Width			
AP ZDTR2.5	1.5 mm	20	<b>1745420000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 2/G20	6 mm	25	<b>9537600000</b>
SIHA 2/G20 10-36V	6 mm	25	<b>9537610000</b>
SIHA 2/G20 140-250V	6 mm	25	<b>9537640000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>

DEK 5/5

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

**Test-disconnect terminals**

**Standard model and Roof-style**

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>.

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 <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

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

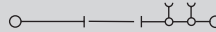
**ZTR 2.5-2**

**2.5 mm<sup>2</sup>**

**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<sup>2</sup> 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

ZEW 35	6 mm	20	9540000000
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SD 0.6x3.5x100	1	9008330000
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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

BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000

TNST	50	1833090000
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DEK 5/5 / WS 14/5

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

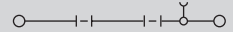
**ZTR 6-2**

**6 mm<sup>2</sup>**

**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			
ZAP ZDU6-2	2.5 mm	50	1771440000

ZEW 35	6 mm	20	9540000000
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SDI 0,6x3,5x100	1	9008390000
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Roof-style

ZTR 6-2 E

6 mm<sup>2</sup>

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 <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

16.2 x 70 x 50.5  
**20 / 10**  
**0.05...10**

Technical data

Rated data	
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

Note

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	

Ordering data

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

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.		

Accessories

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

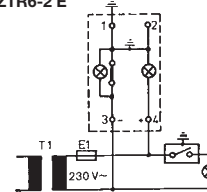
Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SDI 0,6x3,5x100		1	9008390000

(see assortment in catalogue 7)

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

Operating mode

ZTR6-2 E

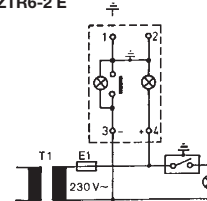


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

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

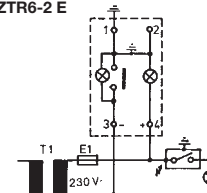
ZTR6-2 E



- 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