

## Shielding and earthing

## Earth conductor disconnect terminals – Tension clamp connection

ZTR 6-2 E

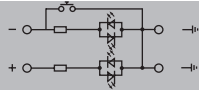
6 mm<sup>2</sup>

## Operation mode



Width/Height/Depth	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  
20 / 10  
0.05...10



## Technical data

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

## Note

## Ordering data

Version	
	dark beige, 230 V UC
	dark beige, 24 V DC
Note	

## Accessories

End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard

IEC	UL	CSA	EN 60079-7
230	300		
20	25		
6	AWG 22...8		
8 kV / 3			
A5 / V-0			



## Rated connection

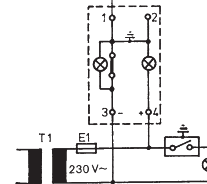
0.5...10 / 0.5...6
0.5...6 / 0.5...6
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZTR 6-2 E / 230V UC	10	8817930000
ZTR 6-2 E / 24V UC	10	8817920000

Type	Qty.	Order No.
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS 0.6X3.5X100	1	2749810000

## Operating mode

## ZTR6-2 E

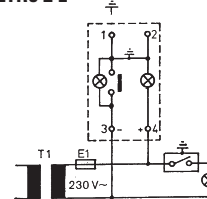


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

## Test position

When measuring insulation resistance with voltages greater than  $U_{Nom}$ , the earth connection must first be disconnected.

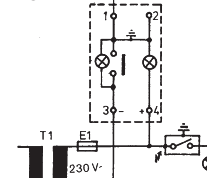
## ZTR6-2 E



- 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  $U_{Nom}$ , 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

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