

**ZTR 6-2 E / 24V UC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

**Product image**

Earth-wire disconnect terminal helps detect earth faults and enables the earthing of the auxiliary circuit to be disconnected. The different kind of operation status is indicated by a red and green LED.

**General ordering data**

Version	Test-disconnect terminal, Tension-clamp connection, 6 mm <sup>2</sup> , 24 V, 20 A, Pivoting, dark beige
Order No.	<a href="#">8817920000</a>
Type	ZTR 6-2 E / 24V UC
GTIN (EAN)	4032248517831
Qty.	10 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

## Dimensions and weights

Depth	50 mm	Depth (inches)	1.9685 inch
Depth including DIN rail	51 mm	Height	70 mm
Height (inches)	2.7559 inch	Width	16.2 mm
Width (inches)	0.6378 inch	Net weight	2 g

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-40 °C	Continuous operating temp., max.	85 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7cl
REACH SVHC	No SVHC above 0.1 wt%

## Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

## System specifications

Version	Tension-clamp connection, Cross-connector, with LED, in closed state	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	4	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

Installation advice Direct mounting

## Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Stripping length	12 mm
Type of connection 2	Tension-clamp connection	Type of connection	Tension-clamp connection

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Number of connections	2	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	0.05 mm <sup>2</sup>	Blade size	0.6 x 3.5 mm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.05 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.05 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.05 mm <sup>2</sup>
Connection cross-section, stranded, max.	6 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.05 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.05 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	0.05 mm <sup>2</sup>		

### Dimensions

TS 35 offset	41 mm
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### General

Installation advice	Direct mounting	Mounting rail	TS 35
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### Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	24 V
Rated DC voltage	24 V	Nominal current	20 A
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3

### UL rating data

Conductor size Factory wiring max. (cURus)	8 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	22 AWG	Conductor size Factory wiring min. (cURus)	22 AWG
Current size B (cURus)	25 A	Voltage size C (cURus)	300 V
Current size C (cURus)	25 A	Current size D (cURus)	10 A
Conductor size Field wiring max. (cURus)	8 AWG		

### Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

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**Drawings**

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