

**ZTR 6-2 E / 230V UC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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> , 230 V, 20 A, Pivoting, dark beige
Order No.	<a href="#">8817930000</a>
Type	ZTR 6-2 E / 230V UC
GTIN (EAN)	4032248517848
Qty.	10 pc(s).

## ZTR 6-2 E / 230V UC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	50 mm	Depth (inches)	1.969 inch
Depth including DIN rail	51 mm	Height	70 mm
Height (inches)	2.756 inch	Width	16.2 mm
Width (inches)	0.638 inch	Net weight	46.5 g

## Temperatures

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

## Material data

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
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)

Blade size	0.6 x 3.5 mm	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	0.05 mm <sup>2</sup>	Connection cross-section, stranded, max.	6 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>	Gauge to IEC 60947-1	A5
Number of connections	2	Stripping length	12 mm
Type of connection	Tension-clamp connection	Type of connection 2	Tension-clamp connection
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 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.	0.5 mm <sup>2</sup>
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.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

## Dimensions

TS 35 offset	41 mm
--------------	-------

Creation date May 6, 2024 11:31:03 PM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

## ZTR 6-2 E / 230V UC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Disconnect terminals

Cross-disconnect	without	Slitting	Pivoting
------------------	---------	----------	----------

## General

Installation advice	Direct mounting	Rail	TS 35
---------------------	-----------------	------	-------

## Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	230 V
Rated DC voltage	230 V	Rated current	20 A
Current at maximum wires	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

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

## Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ETIM 9.0	EC000902
ECLASS 9.0	27-14-11-26	ECLASS 9.1	27-14-11-26
ECLASS 10.0	27-14-11-26	ECLASS 11.0	27-14-11-26
ECLASS 12.0	27-14-11-26	ECLASS 13.0	27-25-01-09

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Storage Conditions</a> <a href="#">Terminal Blocks</a> <a href="#">User Manual Z-Series</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

Creation date May 6, 2024 11:31:03 PM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

## ZTR 6-2 E / 230V UC

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

[www.weidmueller.com](http://www.weidmueller.com)

# Drawings

