

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 ² , 24 V, 20 A, Pivoting, dark beige
Order No.	8817920000
Type	ZTR 6-2 E / 24V UC
GTIN (EAN)	4032248517831
Qty.	10 pc(s).

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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	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

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
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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 ²
Clamping range, min.	0.05 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	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 ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Dimensions

TS 35 offset	41 mm
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Creation date May 16, 2025 8:55:52 AM CEST

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Technical data**Disconnect terminals**

Cross-disconnect	without	Integral test socket	No
Slitting	Pivoting		

General

Installation advice	Direct mounting	Rail	TS 35
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Rating data

Rated cross-section	6 mm ²	Rated voltage	24 V
Rated DC voltage	24 V	Rated 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

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
ETIM 10.0	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	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

Environmental Product Compliance

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

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www.weidmueller.com**Technical data****Approvals**

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks Funktionsbeschreibung - Erdleitertrennklemme Functional description - Earth wire disconnect terminal block User Manual Z-Series Erdleitertrennklemmen EARTH CONDUCTOR DISCONNECT TERMINAL BLOCKS
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

