

**Z-series**  
**ZTR 6-2 E / 24V DC****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Product image****Shielding and earthing**

Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.

**General ordering data**

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

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**Technical data****Dimensions and weights**

Width	16.2 mm	Width (inches)	0.638 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	50 mm	Depth (inches)	1.969 inch
Depth including DIN rail	51 mm	Net weight	2 g

**Temperatures**

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °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
No. 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 (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	Wire connection cross section, finely stranded, max.	6 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, finely stranded, 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
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**Data sheet**

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**Technical data**

**Disconnect terminals**

Cross-disconnect	without	Slitting	Pivoting
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**Rating data**

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	24 V
Rated current	20 A	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

**Classifications**

ETIM 3.0	EC000902	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000902
UNSPSC	30-21-18-01	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20	eClass 8.1	27-14-11-26
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1181_20160418_1503_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN.WSCAD</a>
Engineering Data	<a href="#">STEP</a>

**Safety note**

Safety notice [Safety Information](#)