

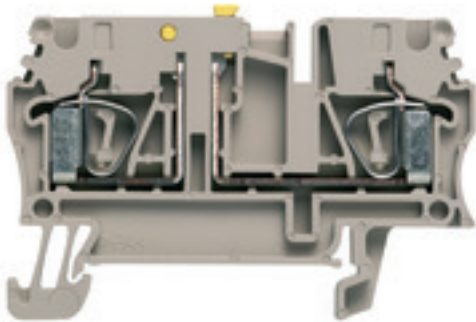
**ZTR 2.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

**General ordering data**

Version	Test-disconnect terminal, Tension-clamp connection, 2.5 mm <sup>2</sup> , 500 V, 20 A, Pivoting, dark beige
Order No.	<a href="#">1831280000</a>
Type	ZTR 2.5
GTIN (EAN)	4032248422036
Qty.	50 pc(s).

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

Depth	38.5 mm	Depth (inches)	1.516 inch
Depth including DIN rail	41 mm	Height	59.5 mm
Height (inches)	2.343 inch	Width	5.1 mm
Width (inches)	0.201 inch	Net weight	8.67 g

**Temperatures**

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

**Material data**

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

**System specifications**

Version	Tension-clamp connection, Spacer, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

**Additional technical data**

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	2	Open sides	right
Type of mounting	Snap-on		

**CSA rating data**

Certificate No. (CSA)	200039-1152892	Current size C (CSA)	20 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	30 AWG		

**Conductors for clamping (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 2.5 mm<sup>2</sup>

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm
Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.05 mm <sup>2</sup>
Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>
Connection direction	top
Gauge to IEC 60947-1	A3
Number of connections	2

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## Technical data

Stripping length	10 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	max.	10 mm
		min.	6 mm
	Cross-section for conductor connection	nominal	0.5 mm <sup>2</sup>
		Tube length	max.
		min.	6 mm
		Cross-section for conductor connection	nominal
	Tube length		max.
			min.
	Cross-section for conductor connection		nominal
		Tube length	max.
			min.
		Cross-section for conductor connection	nominal
Tube length	max.		12 mm
		min.	8 mm
Cross-section for conductor connection		nominal	2.5 mm <sup>2</sup>
	Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal
Cross-section for conductor connection			nominal
		Tube length	nominal
Cross-section for conductor connection			nominal
		Tube length	nominal
Cross-section for conductor connection			nominal
		Tube length	max.
			min.
		Cross-section for conductor connection	nominal
Tube length			max.
			min.
Cross-section for conductor connection			nominal
	Type of connection	Tension-clamp connection	
Wire connection cross section AWG, max.	AWG 12		
Wire connection cross section AWG, min.	AWG 30		
Wire connection cross section, finely stranded, max.	4 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.	2.5 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.	2.5 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.	4 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

### Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	Pivoting		

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**Technical data****General**

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 30		

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated current	20 A	Current at maximum wires	20 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	30 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	30 AWG	Current size C (UR)	20 A
Voltage size C (UR)	600 V		

**Classifications**

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	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

**Approvals**

Approvals



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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Test Certificate</a> <a href="#">CB Certificate</a> <a href="#">EAC certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – 36283_ZTR_2.5_DXF.dxf</a> <a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Data sheet**

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**Drawings**

