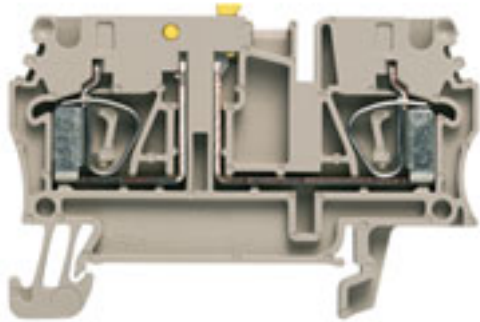


**Z terminal test-disconnect terminal  
ZTR 2.5**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



In standard and Roof Style forms

**General ordering data**

Type	ZTR 2.5
Order No.	<a href="#">1831280000</a>
Version	Z terminal test-disconnect terminal, Test-disconnect terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Beige, Direct mounting
GTIN (EAN)	4032248422036
Qty.	100 pc(s).

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## Technische Daten

### Dimensions and weights

Length	59.5 mm	Width	5.1 mm
Height	38.5 mm	Height of lowest version	41 mm
Net weight	8.67 g		

### Temperatures

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

### Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	2	Open sides	right
Type of mounting		Version	Tension-clamp connection, Disconnection element, for plug-in cross-connector, One end without connector
	Snap-on		

### CSA ratings data

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

### Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm <sup>2</sup>
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### Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Number of connections	2	Clamping range, rated connection, min.	0.05 mm <sup>2</sup>
Clamping range, rated connection, max.	4 mm <sup>2</sup>	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>
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, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 12

### Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	Pivoting		

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### Technische Daten

#### Rated data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	20 A
Current at maximum wires	20 A	Standards	IEC 60947-7-1
Pollution severity	3		

#### UL ratings data

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

#### Material data

Insulating material	Wemid	Material	Wemid
Colour	Dark Beige	UL 94 flammability rating	V-0

#### System specifications

Product family	Z terminal test-disconnect terminal	Type of connection	Tension clamp connection
Connection direction	top	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	End cover plate required	Yes

#### Classifications

ETIM 3.0	EC000902	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-26	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26		

#### Product information

Descriptive text technical data	2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.
Descriptive text accessories	If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

#### Approvals

Approvals



ROHS Conform

#### Downloads

DXF	<a href="#">36283_ZTR_2.5_DXF.dxf</a>
STEP	<a href="#">1831280000_36238_ZTR_2_5_STP.stp</a>