

ZTTR 2.5

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

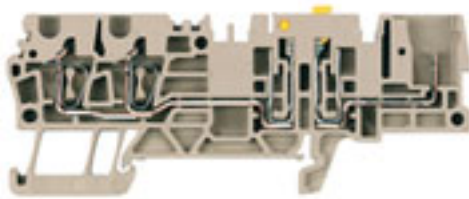
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Product image



Some applications demand for a pluggable, modular solution to be more flexible or to facilitate the installation. Where complete functional units have to be prefabricated or replaced, modular and flexible connection systems are required. Our pluggable terminal blocks can be quickly assembled and are completely factory tested.

General ordering data

Version	Z-series, Test-disconnect terminal, Rated cross-section: 2.5 mm ² , Tension-clamp connection, dark beige
Order No.	1865510000
Type	ZTTR 2.5
GTIN (EAN)	4032248434466
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	36 mm	Depth (inches)	1.417 inch
Depth including DIN rail	36.5 mm	Height	87 mm
Height (inches)	3.425 inch	Width	5.1 mm
Width (inches)	0.201 inch	Net weight	11.4 g

Temperatures

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

Material data

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

System specifications

Version	2 tension-clamp connections - 1 plug-in connection, pluggable, for plug-in cross-connector, Spacer	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	3
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

Additional technical data

Explosion-tested version	No	Open sides	Open
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1720292	Current size B (CSA)	16 A
Voltage size B (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²
Connection direction	top
Gauge to IEC 60947-1	A2
Number of connections	3
Stripping length	10 mm

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Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	nominal	0.5 mm ²	
		min.	6 mm	
		max.	10 mm	
	Cross-section for conductor connection	nominal	0.75 mm ²	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1 mm ²	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1.5 mm ²	
		min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	2.5 mm ²	
		min.	8 mm	
		max.	12 mm	
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.5 mm ²	
		nominal	10 mm	
	Cross-section for conductor connection	nominal	0.75 mm ²	
		nominal	10 mm	
	Cross-section for conductor connection	nominal	1 mm ²	
		nominal	10 mm	
	Cross-section for conductor connection	nominal	1.5 mm ²	
		min.	10 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	2.5 mm ²	
		min.	10 mm	
		max.	12 mm	
	Type of connection	Tension-clamp connection		
	Wire connection cross section AWG, max.	AWG 12		
	Wire connection cross section AWG, min.	AWG 26		
Wire connection cross section, finely stranded, max.	4 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.	2.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²			
Wire connection cross-section, solid core, max.	4 mm ²			
Wire connection cross-section, solid core, min.	0.5 mm ²			

Dimensions

TS 35 offset 41 mm

General

Rail	TS 35	Standards	IEC 61984, In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

Creation date March 6, 2023 11:52:21 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	100 V
Rated current	16 A	Current at maximum wires	18 A
Standards	IEC 61984, In accordance with 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	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size C (cURus)	16 A
Voltage size C (cURus)	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. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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Drawings

