

**Z-series, WeiCoS
ZTTR 2.5 O.TNHE**

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One terminal strip for the functional unit, one plug-in connector for the cable loom fabrication. All that remains to be done is to clip the two units together during final assembly – just like a plug-in connector. Finished! Whether for railway engineering, mechanical engineering or shipbuilding applications, all are served excellently by the products of the Weidmüller Z-Series. This is because the products are easy to use and practical, and the connections are simple, reliable and quick. Modular and flexible connection systems are especially in demand where complete functional units have to be prefabricated or replaced.

General ordering data

Type	ZTTR 2.5 O.TNHE
Order No.	1905470000
Version	Z-series, WeiCoS, Test-disconnect terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection
GTIN (EAN)	4032248526314
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	87 mm	Width	5.1 mm
Height	36 mm	Height of lowest version	36.5 mm
Net weight	11.14 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	Open sides	Open
Type of mounting		Version	2 tension-clamp connections - 1 plug-in connection, for plug-in cross-connector, pluggable
	Snap-on		

CSA ratings data

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

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	4	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	4 mm ²	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
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, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated impulse withstand voltage	6 kV	Rated current	16 A
Current at maximum wires	18 A	Standards	IEC 60947-7-1, IEC 61984
Pollution severity	3	Surge voltage category	III

UL ratings 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		

Datenblatt

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Material data

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

System specifications

Product family	Z-series, WeiCoS	Type of connection	Tension clamp connection
Connection direction	top	Number of levels	1
Number of connections	4	Levels cross-connected internally	No
Mounting rail	TS 35	End cover plate required	Yes

Classifications

ETIM 3.0	EC000902	eClass 6.2	27-14-92-14
eClass 7.1	27-14-92-14		

Approvals

Approvals



ROHS Conform