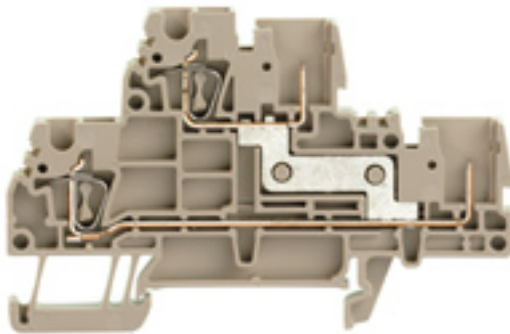


**Z-series, WeiCoS
ZDT 2.5/2 V**

Weidmüller Interface GmbH & Co. KG
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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	ZDT 2.5/2 V
Order No.	1084770000
Version	Z-series, WeiCoS, Double-tier terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, Wemid
GTIN (EAN)	4032248846993
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	80.5 mm	Width	5.1 mm
Height	52 mm	Height of lowest version	52.5 mm
Net weight	11.12 g		

Temperatures

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

Additional technical data

Open sides	right	Type of mounting	Snap-on
Version	2 tension-clamp connections - 2 plug-in connections, Vertically cross-connected, pluggable		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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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
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	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section AWG, max.	AWG 26		

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	24 A
Current at maximum wires	24 A	Pollution severity	3
Max. voltage of clamp support & pluggable system	690 V		

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Technische Daten

Material data

Insulating material	Wemid	Material	Wemid
Colour	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	2
Levels cross-connected internally	Yes	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000902	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26		

Approvals

ROHS	Conform
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