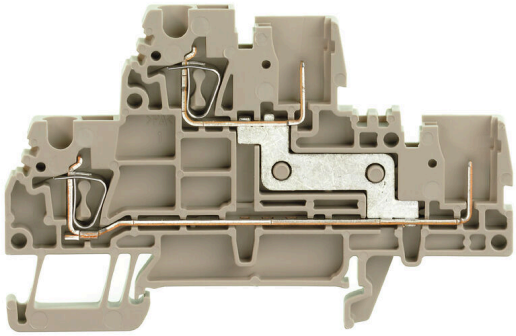
Data sheet

ZDT 2.5/2 V

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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, Feed-through terminal, Rated cross-section: 2.5 mm², Tension-clamp connection
Order No.	1084770000
Type	ZDT 2.5/2 V
GTIN (EAN)	4032248846993
Qty.	50 items

Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	52 mm	Depth (inches)	2.0472 inch
Depth including DIN rail	52.5 mm	Height	80.5 mm
Height (inches)	3.1693 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	12.2 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	2 tension-clamp connections - 2 plug-in connections, Vertically cross-connected, pluggable	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	4	Levels cross-connected internally	Yes
PE connection	No	Mounting rail	TS 35
PE function	No		

Additional technical data

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

Conductors for clamping (additional connection)

Conductor cross-section, flexible with plastic collar (DIN 46228/1) (further connection), max.	2.5 mm²	Connection type, additional connection	pluggable

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A2	Wire connection cross section AWG, max.	AWG 12
Connection direction	top	Stripping length	10 mm

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Technical data

Type of connection	Tension-clamp connection	Number of connections	4
Clamping range, max.	4 mm²	Clamping range, min.	0.13 mm²
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm²
Wire connection cross-section, finely stranded, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.13 mm²
Connection cross-section, stranded, max.	4 mm²	Connection cross-section, stranded, min.	0.13 mm²
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.13 mm²

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Mounting rail	TS 35		

Rating data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Voltage of clamp support and pluggable system, max.	690 V	Rated DC voltage	500 V
Nominal current	24 A	Current at maximum wires	24 A
Volume resistance	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-17
ECLASS 15.0	27-25-01-17		

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Drawings

