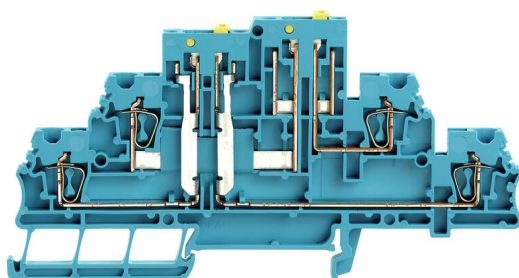


ZDTR 2.5 BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

General ordering data

Version	Test-disconnect terminal, Double-tier terminal, Tension-clamp connection, 2.5 mm ² , 400 V, 16 A, Pivoting, blue
Order No.	1798330000
Type	ZDTR 2.5 BL
GTIN (EAN)	4032248244232
Qty.	20 items
Delivery status	This article will no longer be available in the future.
Last order date	2025-12-30T00:00:00+01:00
Alternative product	A2T 2.5 DT/DT BL

ZDTR 2.5 BL

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Dimensions and weights

Depth	67 mm	Depth (inches)	2.6378 inch
Depth including DIN rail	68 mm	Height	117 mm
Height (inches)	4.6063 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	20.99 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °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	blue
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEVATEX8502U	Certificate No. (IECEX)	IECEXTUR20.0014U
Max. voltage (ATEX)	400 V	Current (ATEX)	15 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	400 V
Current (IECEX)	15 A	Wire cross section max. (IECEX)	4 mm ²

System specifications

Version	Tension-clamp connection, Spacer, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	Yes
PE function	No	PEN function	No

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Technical data

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	12 AWG	Certificate No. (CSA)	154685-1152892/327
Voltage size B (CSA)	300 V	Current size B (CSA)	10 A
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible with plastic collar (DIN 46228/1) (further connection), max.	2.5 mm ²	Connection type, additional connection	Tension-clamp connection
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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
Type of connection 2	Tension-clamp connection	Type of connection	Tension-clamp connection
Number of connections	4	Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²	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 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 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.	0.13 mm ²	Wire connection cross-section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.13 mm ²	Connection cross-section, stranded, max.	4 mm ²
Connection cross-section, stranded, min. 0.13 mm ²		Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.13 mm ²	Connection cross-section, finely stranded (rated connection), min.	0.13 mm ²

General

Wire connection cross section AWG, max.	AWG 12	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26	Standards	IEC 60947-7-1
Mounting rail	TS 35		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated DC voltage	400 V	Nominal current	16 A
Current at maximum wires	16 A	Standards	IEC 60947-7-1
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

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www.weidmueller.com**Technical data****UL rating data**

Voltage size B (UR)	300 V	Current size B (UR)	10 A
Conductor size Factory wiring max. (UR)	12 AWG	Current size D (UR)	10 A
Conductor size Factory wiring min. (UR)	26 AWG	Certificate No. (UR)	E60693
Conductor size Field wiring min. (UR)	26 AWG	Voltage size D (UR)	300 V
Conductor size Field wiring max. (UR)	12 AWG		

Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

Drawings

