

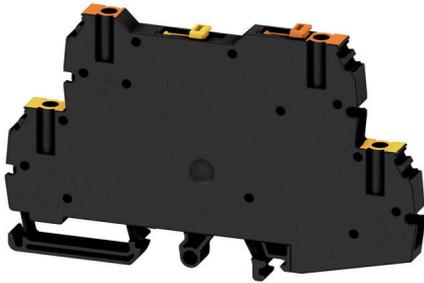
**WDTR 2.5 BK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, Screw connection, black, 2.5 mm <sup>2</sup> , 17 A, 500 V, Number of connections: 4, Number of levels: 2
Order No.	<a href="#">2851080000</a>
Type	WDTR 2.5 BK
GTIN (EAN)	4064675469117
Qty.	25 items

**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E60693

**Dimensions and weights**

Depth	65 mm	Depth (inches)	2.5591 inch
Height	94 mm	Height (inches)	3.7008 inch
Width	6.15 mm	Width (inches)	0.2421 inch
Net weight	22.76 g		

**Temperatures**

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	c6099607-b1cd-4fc8-8f5b-8c2defa73093

**Material data**

Basic material	Wemid	Colour	black
Colour of operational elements	orange, yellow	UL 94 flammability rating	V-0

**System specifications**

End cover plate required	Yes	Number of potentials	2
Number of levels	2	Number of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 32, TS 35
N-function	No	PE function	No
PEN function	No		

**Additional technical data**

Open sides	closed	Snap-on	Yes
Type of mounting	TS 35		

**CSA rating data**

Conductor size Factory wiring min. (CSA)	26 AWG	Conductor size Field wiring max. (CSA)	12 AWG
Certificate No. (CSA)	12400-377	Voltage size B (CSA)	300 V
Conductor size Factory wiring max. (CSA)	12 AWG	Conductor size Field wiring min. (CSA)	26 AWG
Current size B (CSA)	17 A	Voltage size D (CSA)	300 V
Current size D (CSA)	10 A		

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## Technical data

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Stripping length	8 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	4	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.05 mm <sup>2</sup>	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 30	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.05 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.05 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.05 mm <sup>2</sup>	Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.05 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.05 mm <sup>2</sup>	Connection cross-section, finely stranded, min.	0.05 mm <sup>2</sup>

## General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 30
Standards	IEC 60947-7-1	Mounting rail	TS 32, TS 35

## Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	17 A
Current at maximum wires	17 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Surge voltage category	III	Pollution severity	3

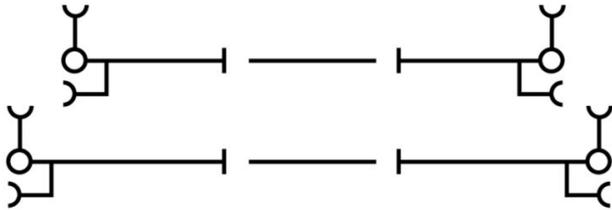
## UL rating data

Conductor size Factory wiring max. (cURus)	12 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	30 AWG	Conductor size Factory wiring min. (cURus)	30 AWG
Current size B (cURus)	20 A	Voltage size C (cURus)	150 V
Current size C (cURus)	20 A	Current size D (cURus)	10 A
Conductor size Field wiring max. (cURus)	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



## Accessories

### Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

### General ordering data

Type	DTLE 2.5/4	Version	
Order No.	<a href="#">2910530000</a>	Locking element (terminal), Wemid, red	
GTIN (EAN)	4099986519466		
Qty.	25 ST		