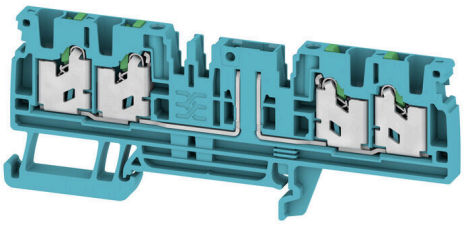
Data sheet

SDT 2.5 4C W/O DTLV BL

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	Basic terminal for component plug, SNAP IN, 500, 20, 4
Order No.	2983740000
Type	SDT 2.5 4C W/O DTLV BL
GTIN (EAN)	4099986840461
Qty.	50 items

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Technical data

Approvals

Approvals	
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Dimensions and weights

Depth	36.5 mm	Depth (inches)	1.437 inch
Height	96 mm	Height (inches)	3.7795 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	16.06 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °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
Colour of operational elements	green	UL 94 flammability rating	V-0

System specifications

End cover plate required	Yes	Number of levels	1
Number of clamping points per level	4	Levels cross-connected internally	No
N-function	No	PE function	No
PEN function	No		

Additional technical data

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

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 14
Connection direction	top	Stripping length	10 mm
Type of connection	SNAP IN	Number of connections	4
Clamping range, max.	2.5 mm²	Clamping range, min.	0.34 mm²
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 22
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.	0.34 mm²

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Technical data

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.	0.34 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.34 mm²
Connection cross-section, stranded, max.	2.5 mm²	Connection cross-section, stranded, min.	0.34 mm²
Wire connection cross-section, solid core, max.	2.5 mm²	Wire connection cross-section, solid core, min.	0.34 mm²

General

Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 22
Standards	DIN EN 60947-7-1		

Rating data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	20 A
Current at maximum wires	20 A	Standards	DIN EN 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 mW	Surge voltage category	III
Pollution severity	3		

UL rating data

Voltage size B (cURus)	300 V	Voltage size D (cURus)	600 V
Wire cross section max. (cURus)	12 AWG	Certificate No. (cURus)	E60693
Wire cross section min. (cURus)	22 AWG	Current size B (cURus)	20 A
Voltage size C (cURus)	300 V	Current size C (cURus)	20 A
Current size D (cURus)	5 A		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-07
ECLASS 15.0	27-25-01-07		

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Drawings

