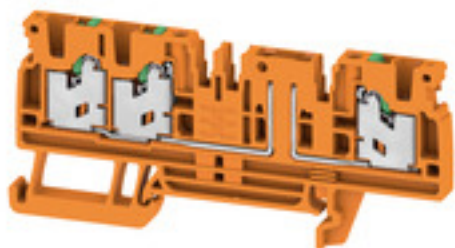


SDT 2.5 3C W/O DTLV OR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	Basic terminal for component plug, SNAP IN, 500, 20, 3
Order No.	2983280000
Type	SDT 2.5 3C W/O DTLV OR
GTIN (EAN)	4099986838567
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	36.5 mm	Depth (inches)	1.437 inch
Height	84.5 mm	Height (inches)	3.327 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	13.062 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour	orange
UL 94 flammability rating	V-0		

System specifications

End cover plate required	Yes	Number of levels	1
Number of clamping points per level	3	Levels cross-connected internally	No
N-function	No	PE function	No
PEN function	No		

Additional technical data

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

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	2.5 mm ²
Clamping range, min.	0.34 mm ²	Connection cross-section, stranded, max.	2.5 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	3
Stripping length	10 mm	Type of connection	SNAP IN
Wire connection cross section AWG, max.	AWG 22	Wire connection cross section AWG, min.	AWG 14
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.34 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.	0.34 mm ²
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.	0.34 mm ²
Wire connection cross-section, solid core, max.	2.5 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

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

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Rating data

Rated cross-section	2.5 mm ²	Rated DC voltage	500 V
Rated 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
Pollution severity	3	Surge voltage category	III

Classifications

ETIM 7.0	EC000897	ETIM 8.0	EC000897
ETIM 9.0	EC000897	ETIM 10.0	EC000897
ECLASS 11.0	27-14-11-26	ECLASS 12.0	27-14-11-26
ECLASS 13.0	27-25-01-07	ECLASS 14.0	27-25-01-07
ECLASS 15.0	27-25-01-07		

Approvals

Approvals



Downloads

Engineering Data	CAD data – STEP
User Documentation	TI_maximum_voltages with adjoining terminals

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Drawings

