

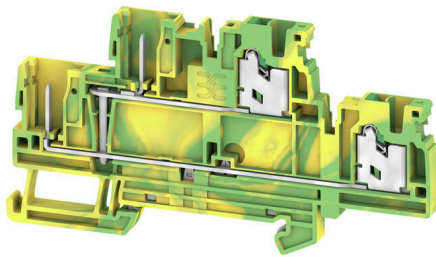
SPGTB 2.5 2T PE 4C/2**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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	Pluggable terminal, SNAP IN, Green/yellow, 2.5 mm ² , Number of connections: 4, Number of levels: 2, TS 35
Order No.	3051920000
Type	SPGTB 2.5 2T PE 4C/2
GTIN (EAN)	4099987021715
Qty.	50 items

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Technical data

Approvals

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Dimensions and weights

Depth	51.7 mm	Depth (inches)	2.0354 inch
Height	96 mm	Height (inches)	3.7795 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	17.33 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Environmental Product Compliance

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

Material data

Basic material	Wemid	Colour	Green/yellow
Colour of operational elements	green	UL 94 flammability rating	V-0

System specifications

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

Additional technical data

Open sides	right	Snap-on	No
Type of fixing	Snap-on	Type of mounting	TS 35

Conductors for clamping (additional connection)

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
Type of connection	SNAP IN	Number of connections	4
Clamping range, max.	2.5 mm ²	Clamping range, min.	0.34 mm ²
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 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.34 mm ²

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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, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.34 mm ²
Connection cross-section, stranded, max.	2.5 mm ²	Connection cross-section, stranded, min.	0.34 mm ²
Wire connection cross-section, solid core, max.	2.5 mm ²	Wire connection cross-section, solid core, min.	0.34 mm ²

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-2	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm ²	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage to adjacent terminal	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 mW	Surge voltage category	III
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		

Drawings



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Accessories

Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	FZS 2/4 RT/80 SAKT4	Version	
Order No.	1276300000	Plug (terminal), Plug-in connection, 2 mm ² , Number of connections: 2,	
GTIN (EAN)	4008190026080	Number of poles: 1, Width: 9 mm	
Qty.	20 ST		