

**A-series
APGTB 2.5 PE 2C/1**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
Fon: +49 5231 14-0
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**Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Type	APGTB 2.5 PE 2C/1
Order No.	1513870000
Version	PE terminal, PUSH IN, 2.5 mm ² , 800 V, green / yellow
GTIN (EAN)	4050118321395
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Width	5.1 mm	Width (inches)	0.201 inch
Height	54 mm	Height (inches)	2.126 inch
Depth	36.5 mm	Depth (inches)	1.437 inch
Depth including DIN rail	37 mm	Net weight	8.73 g

Temperatures

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

Material	Wemid	Colour	green / yellow
Colour of operational elements	Orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEx)	IECExTUR16.0036U
Wire cross section max. (ATEX)	2.5 mm ²	Wire cross section max. (IECEx)	2.5 mm ²

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

Installation advice	Mounting rail	Open sides	right
Type of fixing	Snap-on	Type of mounting	TS 35

CSA rating data

Certificate No. (CSA)	200039-70089609	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Voltage size D (CSA)	600 V
Wire cross section max. (CSA)	12 AWG	Wire cross section min. (CSA)	28 AWG

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Technical data
Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	2.5 mm ²
Clamping range, min.	0.14 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	2
Stripping length	10 mm	Twin wire-end ferrules, max.	0.75 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	PUSH IN
Type of connection 2	Plug-in connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 28	Wire connection cross section, finely stranded, max.	2.5 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.	0.5 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.	0.5 mm ²
Wire connection cross-section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	2.5 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

PE rating data

Rated short-time current	300 A (2.5 mm ²)	PEN function	No
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	800 V
Standards	IEC 60947-7-2, IEC 61984	Rated impulse withstand voltage to adjacent terminal	8 kV
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	28 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	28 AWG	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V	Voltage size D (cURus)	600 V

Classifications

ETIM 6.0	EC000901	eClass 6.2	27-14-11-51
eClass 9.1	27-14-11-41		

Product information

Descriptive text technical data	Approval in progress
Descriptive text accessories	All MultiMark variants (MM) = strip markers

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Technical data

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	CFAT_APGTB_2.5_PE_2C_1.pdf IECEX TUR 16.0046U_2.pdf TÜV 16 ATEX 7940 U_1.pdf DE_PT0132_20160620_047_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI_Ex nA APTGB 2.5 FT 2C_1.pdf

Safety note

Safety notice	Safety Information
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Drawings

