A-series
APGTB 1.5 PE 2C/1

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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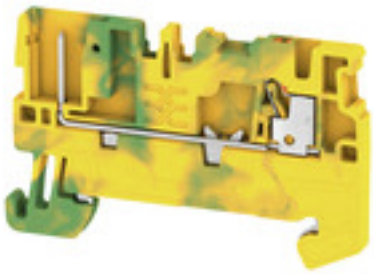
Product image



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 1.5 PE 2C/1
Order No.	2482220000
Version	PE terminal, PUSH IN, 1.5 mm², 500 V, Green/yellow
GTIN (EAN)	4050118493931
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Width	3.5 mm	Width (inches)	0.138 inch
Height	55 mm	Height (inches)	2.165 inch
Depth	33.5 mm	Depth (inches)	1.319 inch
Depth including DIN rail	34.5 mm	Net weight	6.568 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

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)	TUEV16ATEX7940U	Certificate No. (IECEX)	IECEXTUR16.0046U
Wire cross section max. (ATEX)	1.5 mm²	Wire cross section max. (IECEX)	1.5 mm²
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 3 G D

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	Rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

Installation advice	Rail	Open sides	right
Snap-on	No	Type of fixing	Snap-on
Type of mounting	TS 35	With snap-in pegs	No

CSA rating data

Certificate No. (CSA)	200039-70089609	Voltage size B (CSA)	300 V
Voltage size C (CSA)	300 V	Voltage size D (CSA)	600 V
Wire cross section max. (CSA)	14 AWG	Wire cross section min. (CSA)	26 AWG

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Technical data

Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm	Clamping range, max.	1.5 mm²
Clamping range, min.	0.14 mm²	Connection cross-section, stranded, max.	1.5 mm²
Connection cross-section, stranded, min.	0.5 mm²	Connection direction	top
Gauge to IEC 60947-1	A1	Number of connections	2
Stripping length	8 mm²	Type of connection	PUSH IN
Type of connection 2	Plug-in connection	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded, max.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, finely stranded, min.	0.5 mm²	Wire connection cross-section, solid core, max.	1.5 mm²
Wire connection cross-section, solid core, min.	0.5 mm²		

PE rating data

Rated short-time current	180 A (1.5 mm²)	PEN function	No

Rating data

Rated cross-section	1.5 mm²	Rated voltage	500 V
Standards	IEC 60947-7-2, IEC 61984	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	14 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	14 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Voltage size B (cURus)	300 V
Voltage size C (cURus)	300 V	Voltage size D (cURus)	600 V

Classifications

ETIM 6.0	EC000901	eClass 6.2	27-14-11-51
eClass 9.0	27-14-11-41	eClass 9.1	27-14-11-41

Approvals

Approvals	IEC EX ATEX
ROHS	Conform

Creation date May 27, 2019 2:03:47 PM CEST

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Technical data

Downloads

Approval/Certificate/Document of Conformity	DE_PT0132_20171107_017_ISSUE01
Engineering Data	EPLAN
Engineering Data	STEP
Tender specification	Klippon® Connect 2482220000 DE Klippon® Connect 2482220000 EN