

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

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	PE terminal, PUSH IN, 2.5 mm <sup>2</sup> , 800 V, Green/yellow
Order No.	<a href="#">1513920000</a>
Type	APGTB 2.5 PE 4C/2
GTIN (EAN)	4050118321418
Qty.	50 pc(s).

Creation date August 25, 2023 4:05:54 PM CEST

Catalogue status 18.08.2023 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Depth	36.5 mm	Depth (inches)	1.437 inch
Depth including DIN rail	37 mm	Height	87 mm
Height (inches)	3.425 inch	Width	5.1 mm
Width (inches)	0.201 inch	Net weight	12.525 g

**Temperatures**

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

**Material data**

Material	Wemid	Colour	Green/yellow
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 mm <sup>2</sup>	Wire cross section max. (IECEX)	1.5 mm <sup>2</sup>
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	Number 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)	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

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm
Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.14 mm <sup>2</sup>
Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>
Connection direction	top
Gauge to IEC 60947-1	A3
Number of connections	4
Stripping length	10 mm

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## Technical data

Tube length for twin wire-end ferrule	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		max.	0.75 mm <sup>2</sup>
	Tube length	max.	12 mm
		min.	8 mm
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0.34 mm <sup>2</sup>
		max.	0.14 mm <sup>2</sup>
	Tube length	max.	6 mm
		min.	8 mm
		min.	12 mm
	Cross-section for conductor connection	min.	1 mm <sup>2</sup>
		max.	0.5 mm <sup>2</sup>
	Tube length	max.	6 mm
		min.	12 mm
		min.	12 mm
	Cross-section for conductor connection	min.	2.5 mm <sup>2</sup>
		max.	1.5 mm <sup>2</sup>
Tube length	max.	8 mm	
	min.	12 mm	
	min.	12 mm	
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal	5 mm
	Cross-section for conductor connection	nominal	0.25 mm <sup>2</sup>
		max.	10 mm
	Tube length	min.	6 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	max.	12 mm
		min.	7 mm
		min.	7 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
		max.	4 mm <sup>2</sup>
Twin wire-end ferrules, max.	0.75 mm <sup>2</sup>		
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>		
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.	4 mm <sup>2</sup>		
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, max.	2.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

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## Technical data

### General

Installation advice	Rail	Rail	TS 35
Standards	In accordance with IEC 60947-7-2	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 28		

### PE rating data

Rated short-time current	300 A (2.5 mm <sup>2</sup> )	PEN function	No
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### Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	800 V
Rated voltage to adjoining terminal	800 V	Standards	In accordance with IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	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	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41	ECLASS 12.0	27-14-11-41

### Approvals

Approvals



IEC EX ATEX

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

## Data sheet

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">ATEX Certificate</a> <a href="#">IECEX Certificate</a> <a href="#">DNVGL certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Tender specification	<a href="#">Klippon® Connect 1513920000 DE</a> <a href="#">Klippon® Connect 1513920000 EN</a>
User Documentation	<a href="#">NTI_Ex nA APGTB 2.5 FT 4C_2.pdf</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">BPZL APGTB PE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**Data sheet**

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**Drawings**

