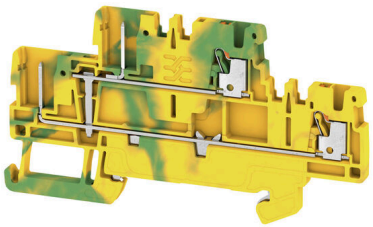
Data sheet

APGTB 1.5 2T 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	Plug-in modular terminals, PUSH IN, 1.5 mm², 500 V, Green/yellow
Order No.	2485870000
Type	APGTB 1.5 2T PE 4C/2
GTIN (EAN)	4050118496505
Qty.	50 items

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Technical data

Approvals

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

Dimensions and weights

Depth	45 mm	Depth (inches)	1.7716 inch
Depth including DIN rail	46 mm	Height	84.5 mm
Height (inches)	3.3268 inch	Width	3.5 mm
Width (inches)	0.1378 inch	Net weight	10.95 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

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

Additional technical data

With snap-in pegs	No	Open sides	right
Snap-on	No	Type of fixing	Snap-on

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Technical data

Installation advice	Rail	Explosion-tested version	Yes
Type of mounting	TS 35		

CSA rating data

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

Conductors for clamping (additional connection)

Connection type, additional connection	pluggable

Conductors for clamping (rated connection)

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

General

Wire connection cross section AWG, max.	AWG 14	Installation advice	Rail
Wire connection cross section AWG, min.	AWG 26	Standards	In accordance with IEC 60947-7-2
Mounting rail	TS 35		

Rating data

Rated cross-section	1.5 mm²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	500 V
Standards	In accordance with IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.56 W
Surge voltage category	III	Pollution severity	3

UL rating data

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

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Technical data

Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Voltage size C (cURus)	300 V	Conductor size Field wiring max. (cURus)	14 AWG

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

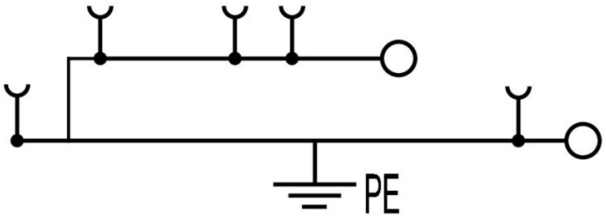
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Drawings



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