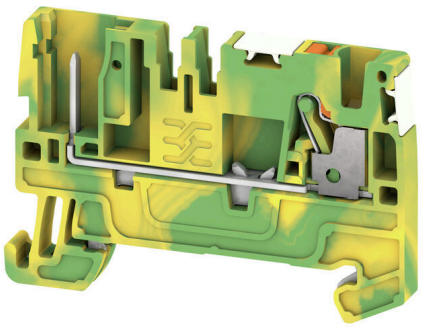
Data sheet

APGTB 2.5 PE 2C/1 DL

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	Plug-in modular terminals, PUSH IN, 2.5 mm², 800 V, Green/yellow
Order No.	2675840000
Type	APGTB 2.5 PE 2C/1 DL
GTIN (EAN)	4050118817645
Qty.	50 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	36.5 mm	Depth (inches)	1.437 inch
Depth including DIN rail	37 mm	Height	36.5 mm
Height (inches)	1.437 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	8.06 g

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption	
REACH SVHC	No SVHC above 0.1 wt%	
Product Carbon Footprint	Cradle to gate	0.131 kg CO2 eq.

Material data

Basic 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 mm²	Wire cross section max. (IECEX)	1.5 mm²

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	Mounting rail	TS 35

Additional technical data

Open sides	right	Explosion-tested version	Yes
Type of mounting	TS 35		

CSA rating data

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

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Technical data

Conductors for clamping (additional connection)

Connection type, additional connection	pluggable

Conductors for clamping (rated connection)

Gauge to IEC 60947-1			A3
Wire connection cross section AWG, max.			AWG 12
Connection direction			top
Stripping length			10 mm
Type of connection			PUSH IN
Number of connections			2
Conductor cross-section (rated connection), max.			4 mm²
Conductor cross-section (rated connection), min.			0.14 mm²
Blade size			0.6 x 3.5 mm
Wire connection cross section AWG, min.			AWG 28
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.			2.5 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.			4 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.			4 mm²
Wire connection cross section, finely stranded, min.			0.14 mm²
Connection cross-section, stranded, max.			4 mm²
Connection cross-section, stranded, min.			0.14 mm²
Twin wire-end ferrules, max.			0.75 mm²
Twin wire-end ferrules, min.			0.5 mm²
Wire connection cross-section, solid core, max.			2.5 mm²
Wire connection cross-section, solid core, min.			0.14 mm²
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	8 mm
		max.	6 mm
	Cross-section for conductor connection	min.	0.34 mm²
		max.	0.14 mm²
	Tube length	min.	12 mm
		max.	6 mm
	Cross-section for conductor connection	min.	1 mm²
		max.	0.5 mm²
	Tube length	min.	12 mm
		max.	8 mm
	Cross-section for conductor connection	min.	2.5 mm²
		max.	1.5 mm²
Tube length for twin wire-end ferrule	Tube length	min.	8 mm
		max.	12 mm
	Cross-section for conductor connection	min.	0.5 mm²

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Technical data

		max.	0.75 mm²
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 mm²
	Tube length	min.	6 mm
		max.	10 mm
	Cross-section for conductor connection	min.	0.5 mm²
		max.	1 mm²
	Tube length	min.	7 mm
		max.	12 mm
	Cross-section for conductor connection	min.	1.5 mm²
		max.	4 mm²

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28
Mounting rail	TS 35		

Rating data

Rated cross-section	2.5 mm²	Rated voltage	800 V
Rated DC voltage	800 V	Current at maximum wires	24 A
Contact resistance	1.33 mΩ	Rated impulse withstand voltage	8 kV
Power loss (IEC 60947-7-x)	0.77 W		

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		

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Drawings

