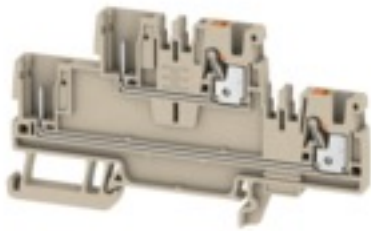


**A-series
APGTB 2.5 2T 4C/2**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

**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 2T 4C/2 |
| Order No. | 1548060000 |
| Version | Feed-through terminal, PUSH IN, 2.5 mm ² , 800 V, 24 A, Dark Beige |
| GTIN (EAN) | 4050118353808 |
| Qty. | 50 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------------------------|---------|-----------------|------------|
| Width | 5.1 mm | Width (inches) | 0.201 inch |
| Height | 91 mm | Height (inches) | 3.583 inch |
| Depth | 50.5 mm | Depth (inches) | 1.988 inch |
| Depth including DIN rail | 51 mm | Net weight | 12.02 g |

Temperatures

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

Material data

| | | | |
|--------------------------------|--------|---------------------------|------------|
| Material | Wemid | Colour | Dark Beige |
| Colour of operational elements | Orange | UL 94 flammability rating | V-0 |

Rating data IECEx/ATEX

| | |
|------------------------|----------------|
| Certificate No. (ATEX) | TÜV16ATEX7940U |
|------------------------|----------------|

System specifications

| | | | |
|-------------------------------|-----|-----------------------------------|-------|
| End cover plate required | Yes | Number of potentials | 2 |
| Number of levels | 2 | No. of clamping points per level | 2 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| PE connection | No | Mounting rail | TS 35 |
| N-function | No | PE function | No |
| 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 | Current size B (CSA) | 20 A |
| Current size C (CSA) | 20 A | Current size D (CSA) | 5 A |
| 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, rated connection, max. | 2.5 mm ² |
| Clamping range, rated connection, min. | 0.14 mm ² | Connection direction | top |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² | Gauge to IEC 60947-1 | A3 |
| Number of connections | 4 | 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 with wire-end ferrules DIN 46228/1, rated connection, max. | 2.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross section, solid core max. rated connection | 2.5 mm ² |
| Wire connection cross section, solid core, min. rated connection | 0.5 mm ² | Wire connection cross section, stranded, rated connection, max. | 2.5 mm ² |
| Wire connection cross section, stranded, rated connection, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm ² |
| Wire connection cross-section, finely stranded, min. | 0.5 mm ² | | |

PE rating data

| | |
|--------------|----|
| PEN function | No |
|--------------|----|

Rating data

| | | | |
|---------------------|--------------------------|---------------------------------|-------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 800 V |
| Rated current | 24 A | Current at maximum wires | 24 A |
| Standards | IEC 60947-7-1, IEC 61984 | Rated impulse withstand voltage | 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 | Current size B (cURus) | 20 A |
| Current size C (cURus) | 20 A | Current size D (cURus) | 5 A |
| Voltage size B (cURus) | 600 V | Voltage size C (cURus) | 600 V |
| Voltage size D (cURus) | 600 V | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 5.0 | EC000897 | ETIM 6.0 | EC000897 |
| eClass 6.2 | 27-14-11-20 | eClass 7.1 | 27-14-11-20 |
| eClass 8.1 | 27-14-11-20 | eClass 9.0 | 27-14-11-20 |
| eClass 9.1 | 27-14-11-20 | | |

Data sheet

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Technical data

Product information

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

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | DE_PT0131_20160620_041_ISSUE01.pdf |
| Brochure/Catalogue | CAT 1 TERM 16/17 EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |

Safety note

| | |
|---------------|------------------------------------|
| Safety notice | Safety Information |
|---------------|------------------------------------|

Data sheet

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Drawings

