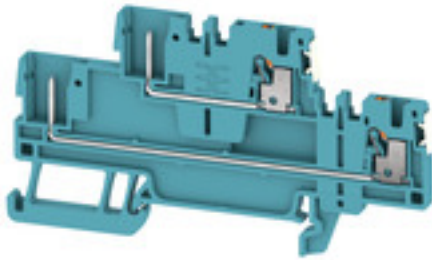


APGTB 1.5 2T 4C/2 DL BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

| | |
|------------|---|
| Version | Feed-through terminal, PUSH IN, 1.5 mm ² , 500 V, 17.5 A, blue |
| Order No. | 2675780000 |
| Type | APGTB 1.5 2T 4C/2 DL BL |
| GTIN (EAN) | 4050118716627 |
| Qty. | 50 pc(s). |

APGTB 1.5 2T 4C/2 DL BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 45 mm | Depth (inches) | 1.772 inch |
| Depth including DIN rail | 46 mm | Height | 84.5 mm |
| Height (inches) | 3.327 inch | Width | 3.5 mm |
| Width (inches) | 0.138 inch | Net weight | 8.92 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 | blue |
| Colour of operational elements | orange | UL 94 flammability rating | V-0 |

Rating data IECEx/ATEX

| | | | |
|--------------------------------|---------------------|---------------------------------|---------------------|
| Certificate No. (ATEX) | TUEV16ATEX7940U | Certificate No. (IECEX) | IECEXTUR16.0046U |
| Max. voltage (ATEX) | 500 V | Current (ATEX) | 10.5 A |
| Wire cross section max. (ATEX) | 1.5 mm ² | Max. voltage (IECEX) | 500 V |
| Current (IECEX) | 10.5 A | Wire cross section max. (IECEX) | 1.5 mm ² |

System specifications

| | | | |
|-------------------------------|-------|-------------------------------------|----|
| End cover plate required | Yes | Number of potentials | 2 |
| Number of levels | 2 | Number of clamping points per level | 2 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| Rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|--------------------------|-------|----------------|---------|
| Explosion-tested version | No | Open sides | right |
| Snap-on | Yes | Type of fixing | Snap-on |
| Type of mounting | TS 35 | | |

APGTB 1.5 2T 4C/2 DL BL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Conductors for clamping (rated connection)

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

General

| | | | |
|---|--------|---|----------------------------------|
| Rail | TS 35 | Standards | In accordance with IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 26 |

Rating data

| | | | |
|--|---------------------|---------------------------------|----------------------------------|
| Rated cross-section | 1.5 mm ² | Rated voltage | 500 V |
| Rated DC voltage | 500 V | Rated current | 17.5 A |
| Current at maximum wires | 17.5 A | Standards | In accordance with IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ | Rated impulse withstand voltage | 6 kV |
| Power loss in accordance with IEC 60947-7-x | 0.56 W | 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 | Current size B (cURus) | 13 A |
| Current size C (cURus) | 13 A | Current size D (cURus) | 5 A |
| Voltage size B (cURus) | 300 V | Voltage size C (cURus) | 300 V |
| Voltage size D (cURus) | 600 V | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 7.0 | EC000897 | ETIM 8.0 | EC000897 |
| ETIM 9.0 | EC000897 | ECLASS 11.0 | 27-14-11-20 |
| ECLASS 12.0 | 27-14-11-20 | ECLASS 13.0 | 27-25-01-17 |

Creation date May 23, 2024 7:44:10 AM CEST

APGTB 1.5 2T 4C/2 DL BL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



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

Downloads

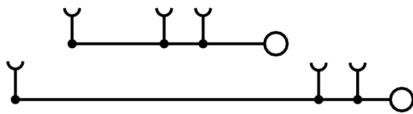
| | |
|---|---|
| Approval/Certificate/Document of Conformity | Attestation of Conformity CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10 |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |

APGTB 1.5 2T 4C/2 DL BL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings



APGTB 1.5 2T 4C/2 DL BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****A-Series**

A Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | |
|------------|----------------------------|-----------------------|
| Type | AEB 35 SCL/1 V0 BK | Version |
| Order No. | 2661300000 | A-series, End bracket |
| GTIN (EAN) | 4050118702187 | |
| Qty. | 20 pc(s). | |
| Type | AEB 35 SCL/1 V0 GY | Version |
| Order No. | 2661290000 | A-series, End bracket |
| GTIN (EAN) | 4050118702170 | |
| Qty. | 20 pc(s). | |
| Type | AEB 35 SCL/1 V0 | Version |
| Order No. | 2661280000 | A-series, End bracket |
| GTIN (EAN) | 4050118702163 | |
| Qty. | 20 pc(s). | |

SnapMark

SnapMark - this tag carrier has been developed specifically for the I-series double-level terminal IDK 1.5N. The flexible pivot mechanism allows cross-connections to be easily installed or removed. It can hold four DEK 5 labelling tags or two WS 10/5 Middle connector markers.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SNAPMARK 1.5 | Version |
| Order No. | 2682080000 | Group markers, Terminal marker, 26 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4050118821772 | Weidmueller, white |
| Qty. | 40 pc(s). | |

APGTB 1.5 2T 4C/2 DL BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****A-Series**

A
Series

A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

| | | |
|------------|----------------------------|---------------------------|
| Type | APP 4 | Version |
| Order No. | 2489110000 | A-series, Partition plate |
| GTIN (EAN) | 4050118499322 | |
| Qty. | 50 pc(s). | |

Coding elements

Through the use of coding pins, individual coding options ensure trouble-free plug-in connection.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | APGCE | Version |
| Order No. | 1514490000 | Coding element (terminal), Wemid, orange, Width: 3.3 mm |
| GTIN (EAN) | 4050118321906 | |
| Qty. | 50 pc(s). | |