

**A-series  
APGTB 1.5 2T PE 4C/2****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

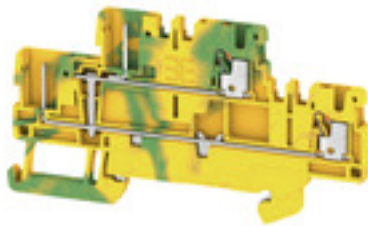
D-32758 Detmold

Germany

Fon: +49 5231 14-0

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www.weidmueller.com

**Product image****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 1.5 2T PE 4C/2                                            |
|------------|-----------------------------------------------------------------|
| Order No.  | <a href="#">2485870000</a>                                      |
| Version    | PE terminal, PUSH IN, 1.5 mm <sup>2</sup> , 500 V, Green/yellow |
| GTIN (EAN) | 4050118496505                                                   |
| Qty.       | 50 pc(s).                                                       |

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

|                          |         |                 |            |
|--------------------------|---------|-----------------|------------|
| Width                    | 3.5 mm  | Width (inches)  | 0.138 inch |
| Height                   | 84.5 mm | Height (inches) | 3.327 inch |
| Depth                    | 45 mm   | Depth (inches)  | 1.772 inch |
| Depth including DIN rail | 46 mm   | Net weight      | 10.947 g   |

**Temperatures**

|                                  |               |                                  |        |
|----------------------------------|---------------|----------------------------------|--------|
| Storage temperature, max.        | 40 °C         | Storage temperature, min.        | 10 °C  |
| Storage temperature              | 10 °C...40 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C        |                                  |        |

**Material data**

|                                |        |                           |              |
|--------------------------------|--------|---------------------------|--------------|
| 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 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              | 2   | No. of clamping points per level  | 2     |
| Number of potentials per tier | 1   | Levels cross-connected internally | Yes   |
| 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)          | 300 V  |
| Voltage size C (CSA)          | 300 V           | Voltage size D (CSA)          | 600 V  |
| Wire cross section max. (CSA) | 14 AWG          | Wire cross section min. (CSA) | 26 AWG |

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**Technical data****Conductors for clamping (rated connection)**

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

**PE rating data**

|                          |                              |              |    |
|--------------------------|------------------------------|--------------|----|
| Rated short-time current | 180 A (1.5 mm <sup>2</sup> ) | PEN function | No |
|--------------------------|------------------------------|--------------|----|

**Rating data**

|                                 |                          |                                              |         |
|---------------------------------|--------------------------|----------------------------------------------|---------|
| Rated cross-section             | 1.5 mm <sup>2</sup>      | Rated voltage                                | 500 V   |
| Standards                       | IEC 60947-7-2, IEC 61984 | Volume resistance according to IEC 60947-7-x | 1.83 mΩ |
| Rated impulse withstand voltage | 6 kV                     | 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 | Voltage size B (cURus)                     | 300 V  |
| Voltage size C (cURus)                     | 300 V  | Voltage size D (cURus)                     | 600 V  |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 6.0   | EC000901    | eClass 6.2 | 27-14-11-20 |
| eClass 9.0 | 27-14-11-41 | eClass 9.1 | 27-14-11-41 |

**Approvals**

Approvals



ROHS Conform

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## Technical data

### Downloads

|                                             |                                                                                                  |
|---------------------------------------------|--------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">DE_PT0131_20171107_027_ISSUE01</a>                                                   |
| Engineering Data                            | <a href="#">EPLAN</a>                                                                            |
| Engineering Data                            | <a href="#">STEP</a>                                                                             |
| Tender specification                        | <a href="#">Klippon® Connect 2485870000 DE</a><br><a href="#">Klippon® Connect 2485870000 EN</a> |