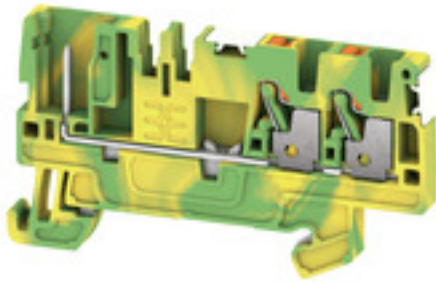


**APGTB 2.5 PE 3C/1 DL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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    | PE terminal, PUSH IN, 2.5 mm <sup>2</sup> |
| Order No.  | <a href="#">2675870000</a>                |
| Type       | APGTB 2.5 PE 3C/1 DL                      |
| GTIN (EAN) | 4050118817669                             |
| Qty.       | 50 pc(s).                                 |

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## Technical data

## Dimensions and weights

|                          |       |            |         |
|--------------------------|-------|------------|---------|
| Depth including DIN rail | 37 mm | Net weight | 10.84 g |
|--------------------------|-------|------------|---------|

## Temperatures

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

## Material data

|          |       |                           |     |
|----------|-------|---------------------------|-----|
| Material | Wemid | 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> |

## System specifications

|                      |       |                               |   |
|----------------------|-------|-------------------------------|---|
| Number of potentials | 1     | Number of potentials per tier | 1 |
| Rail                 | TS 35 |                               |   |

## Additional technical data

|            |       |
|------------|-------|
| Open sides | right |
|------------|-------|

## Conductors for clamping (rated connection)

|                                                        |                                        |      |                      |
|--------------------------------------------------------|----------------------------------------|------|----------------------|
| Blade size                                             | 0.6 x 3.5 mm                           |      |                      |
| Clamping range, max.                                   | 2.5 mm <sup>2</sup>                    |      |                      |
| Clamping range, min.                                   | 0.14 mm <sup>2</sup>                   |      |                      |
| Connection cross-section, stranded, max.               | 2.5 mm <sup>2</sup>                    |      |                      |
| Connection cross-section, stranded, min.               | 0.5 mm <sup>2</sup>                    |      |                      |
| Gauge to IEC 60947-1                                   | A3                                     |      |                      |
| Stripping length                                       | 10 mm                                  |      |                      |
| Tube length for AEH with plastic collar<br>DIN 46228/4 | Tube length                            | max. | 6 mm                 |
|                                                        |                                        | min. | 8 mm                 |
|                                                        | Cross-section for conductor connection | min. | 0.34 mm <sup>2</sup> |
|                                                        |                                        | max. | 0.14 mm <sup>2</sup> |
|                                                        | Tube length                            | max. | 6 mm                 |
|                                                        |                                        | min. | 12 mm                |
|                                                        | Cross-section for conductor connection | min. | 1 mm <sup>2</sup>    |
|                                                        |                                        | max. | 0.5 mm <sup>2</sup>  |
|                                                        | Tube length                            | max. | 8 mm                 |
|                                                        |                                        | min. | 12 mm                |
|                                                        | Cross-section for conductor connection | min. | 2.5 mm <sup>2</sup>  |
|                                                        |                                        | max. | 1.5 mm <sup>2</sup>  |

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## Technical data

|                                                                                         |                                        |         |                      |
|-----------------------------------------------------------------------------------------|----------------------------------------|---------|----------------------|
| Tube length for AEH without plastic collar DIN 46228/1                                  | Tube length                            | nominal | 5 mm                 |
|                                                                                         | Cross-section for conductor connection | nominal | 0.25 mm <sup>2</sup> |
|                                                                                         | Tube length                            | max.    | 10 mm                |
|                                                                                         |                                        | min.    | 6 mm                 |
|                                                                                         | Cross-section for conductor connection | min.    | 0.5 mm <sup>2</sup>  |
|                                                                                         |                                        | max.    | 1 mm <sup>2</sup>    |
|                                                                                         | Tube length                            | max.    | 12 mm                |
|                                                                                         |                                        | min.    | 7 mm                 |
| Tube length for twin wire-end ferrule                                                   | Cross-section for conductor connection | min.    | 1.5 mm <sup>2</sup>  |
|                                                                                         |                                        | max.    | 2.5 mm <sup>2</sup>  |
|                                                                                         | Tube length                            | max.    | 12 mm                |
|                                                                                         |                                        | min.    | 8 mm                 |
| Twin wire-end ferrules, max.                                                            | Cross-section for conductor connection | min.    | 0.5 mm <sup>2</sup>  |
|                                                                                         |                                        | max.    | 0.75 mm <sup>2</sup> |
| Twin wire-end ferrules, min.                                                            |                                        |         |                      |
| Type of connection                                                                      | PUSH IN                                |         |                      |
| Wire connection cross section AWG, max.                                                 | AWG 12                                 |         |                      |
| Wire connection cross section AWG, min.                                                 | AWG 28                                 |         |                      |
| Wire connection cross section, finely stranded, max.                                    | 2.5 mm <sup>2</sup>                    |         |                      |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 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. | 2.5 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, solid core, max.                                         | 2.5 mm <sup>2</sup>                    |         |                      |
| Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup>                    |         |                      |

## General

|                                         |        |                                         |                                  |
|-----------------------------------------|--------|-----------------------------------------|----------------------------------|
| Rail                                    | TS 35  | Standards                               | In accordance with IEC 60947-7-2 |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 28                           |

## Rating data

|                                              |                     |                                 |                                  |
|----------------------------------------------|---------------------|---------------------------------|----------------------------------|
| Rated cross-section                          | 2.5 mm <sup>2</sup> | Standards                       | In accordance with IEC 60947-7-2 |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ             | Rated impulse withstand voltage | 8 kV                             |
| Power loss in accordance with IEC 60947-7-x  | 0.77 W              |                                 |                                  |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000901    | ETIM 7.0    | EC000901    |
| ECLASS 9.0  | 27-14-11-41 | ECLASS 9.1  | 27-14-11-41 |
| ECLASS 10.0 | 27-14-11-41 | ECLASS 11.0 | 27-14-11-41 |

**Approvals**

Approvals



ROHS

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