

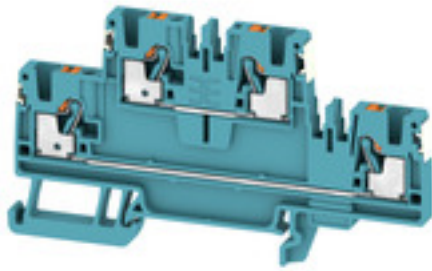
**A2T 2.5 DL BL****Weidmüller Interface GmbH & Co. KG**

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, 2.5 mm <sup>2</sup> , 800 V |
| Order No.  | <a href="#">2675 120000</a>                                 |
| Type       | A2T 2.5 DL BL   |
| GTIN (EAN) | 4050118716276   |
| Qty.       | 50 pc(s).   |

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## Technical data

### Dimensions and weights

|                          |        |                |            |
|--------------------------|--------|----------------|------------|
| Depth including DIN rail | 51 mm  | Net weight     | 14.08 g    |
| Width                    | 5.1 mm | Width (inches) | 0.201 inch |

### 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)         | TUEV16ATEX7909U     | Certificate No. (IECEX)         | IECEXTUR16.0036U    |
| Max. voltage (ATEX)            | 550 V               | Current (ATEX)                  | 21 A                |
| Wire cross section max. (ATEX) | 2.5 mm <sup>2</sup> | Max. voltage (IECEX)            | 550 V               |
| Current (IECEX)                | 21 A                | Wire cross section max. (IECEX) | 2.5 mm <sup>2</sup> |

### System specifications

|                      |   |      |       |
|----------------------|---|------|-------|
| Number of potentials | 2 | 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                |                      |
| Cross-section for conductor connection  | min.                                   | 1.5 mm <sup>2</sup> |                      |
|   | max.                                   | 2.5 mm <sup>2</sup> |                      |
| Tube length for twin wire-end ferrule   | Tube length                            | max.                | 12 mm                |
|   |  | min.                | 8 mm                 |
| Cross-section for conductor connection  | Cross-section for conductor connection | min.                | 0.5 mm <sup>2</sup>  |
|   |  | max.                | 0.75 mm <sup>2</sup> |
| Twin wire-end ferrules, max.  | 0.75 mm <sup>2</sup>                   |                     |                      |
| Twin wire-end ferrules, min.  | 0.5 mm <sup>2</sup>                    |                     |                      |
| 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                               | IEC 60947-7-1 |
| 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> | Rated voltage                   | 800 V         |
| Current at maximum wires                     | 24 A                | Standards                       | IEC 60947-7-1 |
| 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              | Pollution severity              | 3             |
| Surge voltage category                       | III                 |                                 |               |

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**Technical data**

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ECLASS 9.0  | 27-14-11-20 | ECLASS 9.1  | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |

**Approvals**

Approvals



ROHS Conform

**Downloads**

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                      |
| Brochure/Catalogue                          | <a href="#">Catalogues in PDF-format</a>  |