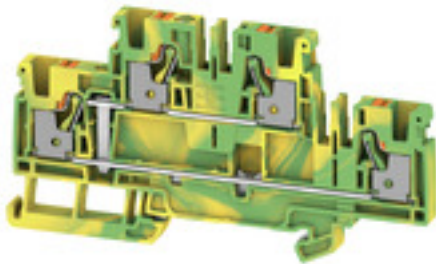


**A2T 4 PE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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**

|            |                                                                        |
|------------|------------------------------------------------------------------------|
| Version    | Double-tier terminal, PUSH IN, 4 mm <sup>2</sup> , 800 V, Green/yellow |
| Order No.  | <a href="#">2539990000</a>                                             |
| Type       | A2T 4 PE                                                               |
| GTIN (EAN) | 4050118551846                                                          |
| Qty.       | 50 pc(s).                                                              |

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

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 53.5 mm    | Depth (inches) | 2.106 inch |
| Depth including DIN rail | 54.5 mm    | Height         | 100 mm     |
| Height (inches)          | 3.937 inch | Net weight     | 24.488 g   |
| Width                    | 6.1 mm     | Width (inches) | 0.24 inch  |

**Temperatures**

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °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)         | TUEV16ATEX7909U   | Certificate No. (IECEX)         | IECEXTUR16.0036U  |
| Wire cross section max. (ATEX) | 4 mm <sup>2</sup> | Wire cross section max. (IECEX) | 4 mm <sup>2</sup> |

**System specifications**

|                               |       |                                     |     |
|-------------------------------|-------|-------------------------------------|-----|
| End cover plate required      | Yes   | Number of potentials                | 1   |
| Number of levels              | 2     | Number of clamping points per level | 2   |
| Number of potentials per tier | 1     | 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      |

**Conductors for clamping (rated connection)**

|                                          |                      |
|------------------------------------------|----------------------|
| Blade size                               | 0.6 x 3.5 mm         |
| Clamping range, max.                     | 4 mm <sup>2</sup>    |
| Clamping range, min.                     | 0.14 mm <sup>2</sup> |
| Connection cross-section, stranded, max. | 4 mm <sup>2</sup>    |
| Connection cross-section, stranded, min. | 0.5 mm <sup>2</sup>  |
| Connection direction                     | top                  |
| Gauge to IEC 60947-1                     | A4                   |
| Number of connections                    | 4                    |
| Stripping length                         | 12 mm                |

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## Technical data

|                                                                                         |                                        |         |                     |
|-----------------------------------------------------------------------------------------|----------------------------------------|---------|---------------------|
| Tube length for AEH with plastic collar<br>DIN 46228/4                                  | Tube length                            | max.    | 12 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.    | 8 mm                |
| Tube length for AEH without plastic<br>collar DIN 46228/1                               | 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.    | 10 mm               |
|                                                                                         | Cross-section for conductor connection | nominal | 4 mm <sup>2</sup>   |
|                                                                                         |                                        |         |                     |
| Tube length for twin wire-end ferrule                                                   | 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                |
| Twin wire-end ferrules, max.                                                            | Cross-section for conductor connection | min.    | 1.5 mm <sup>2</sup> |
|                                                                                         |                                        | max.    | 2.5 mm <sup>2</sup> |
|                                                                                         | Tube length                            | max.    | 15 mm               |
|                                                                                         |                                        | min.    | 9 mm                |
|                                                                                         | Cross-section for conductor connection | nominal | 4 mm <sup>2</sup>   |
|                                                                                         |                                        |         |                     |
| Twin wire-end ferrules, min.                                                            | Tube length                            | max.    | 12 mm               |
| Type of connection                                                                      |                                        | min.    | 8 mm                |
| Wire connection cross section AWG, max.                                                 | Cross-section for conductor connection | min.    | 0.5 mm <sup>2</sup> |
| Wire connection cross section AWG, min.                                                 |                                        | max.    | 1.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.                                    |                                        |         |                     |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. |                                        |         |                     |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. |                                        |         |                     |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. |                                        |         |                     |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. |                                        |         |                     |
| Wire connection cross-section, solid core, max.                                         |                                        |         |                     |
| Wire connection cross-section, solid core, min.                                         |                                        |         |                     |

## General

|                                         |               |                                         |        |
|-----------------------------------------|---------------|-----------------------------------------|--------|
| Installation advice                     | Rail          | Rail                                    | TS 35  |
| Standards                               | IEC 60947-7-2 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 26        |                                         |        |

Creation date April 16, 2021 12:13:44 AM CEST

## A2T 4 PE

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## Technical data

## PE rating data

|                          |                            |              |    |
|--------------------------|----------------------------|--------------|----|
| Rated short-time current | 480 A (4 mm <sup>2</sup> ) | PEN function | No |
|--------------------------|----------------------------|--------------|----|

## Rating data

|                                              |                   |                                                      |               |
|----------------------------------------------|-------------------|------------------------------------------------------|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                                        | 800 V         |
| Rated voltage to adjoining terminal          | 800 V             | Standards                                            | IEC 60947-7-2 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ              | Rated impulse withstand voltage to adjacent terminal | 8 kV          |
| Power loss in accordance with IEC 60947-7-x  | 1.02 W            | Pollution severity                                   | 3             |
| Surge voltage category                       | III               |                                                      |               |

## UL rating data

|                                            |        |                                            |        |
|--------------------------------------------|--------|--------------------------------------------|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus)   | 10 AWG |
| Conductor size Field wiring min. (cURus)   | 26 AWG | Voltage size B (cURus)                     | 600 V  |
| Voltage size C (cURus)                     | 600 V  | Voltage size D (cURus)                     | 600 V  |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 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



UL File Number Search E60693

## Downloads

|                                             |                                                                                                                                                                                                       |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity</a><br><a href="#">IECEX Certificate</a><br><a href="#">ATEX Certificate</a><br><a href="#">CCC Ex Certificate</a><br><a href="#">Declaration of conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                                                                  |
| Engineering Data                            | <a href="#">EPLAN</a>                                                                                                                                                                                 |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a><br><a href="#">NTI A2T 4</a><br><a href="#">NTI A2T 4 FT PE</a><br><a href="#">NTI A2T 4 VI</a>                                                       |
| Brochure/Catalogue                          | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                              |