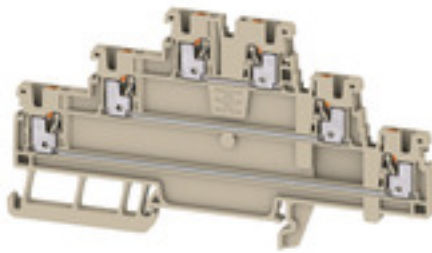


**A3T 1.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

**General ordering data**

|            |                                                                                                            |
|------------|------------------------------------------------------------------------------------------------------------|
| Version    | Feed-through terminal, Multi-tier modular terminal, PUSH IN, 1.5 mm <sup>2</sup> , 500 V, 15 A, dark beige |
| Order No.  | <a href="#">2816930000</a>                                                                                 |
| Type       | A3T 1.5                                                                                                    |
| GTIN (EAN) | 4064675315353                                                                                              |
| Qty.       | 50 pc(s).                                                                                                  |

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

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 53 mm    | Depth (inches)  | 2.087 inch |
| Height     | 106.5 mm | Height (inches) | 4.193 inch |
| Width      | 3.5 mm   | Width (inches)  | 0.138 inch |
| Net weight | 10.56 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                    | dark beige |
| Colour of operational elements | orange | UL 94 flammability rating | V-0        |

**Rating data IECEx/ATEX**

|                                |                     |                                 |                     |
|--------------------------------|---------------------|---------------------------------|---------------------|
| Certificate No. (ATEX)         | TUEV16ATEX7909U     | Certificate No. (IECEX)         | IECEXTUR16.0036U    |
| Max. voltage (ATEX)            | 440 V               | Current (ATEX)                  | 14 A                |
| Wire cross section max. (ATEX) | 1.5 mm <sup>2</sup> | Max. voltage (IECEX)            | 440 V               |
| Current (IECEX)                | 14 A                | Wire cross section max. (IECEX) | 1.5 mm <sup>2</sup> |

**System specifications**

|                               |       |                                     |    |
|-------------------------------|-------|-------------------------------------|----|
| End cover plate required      | Yes   | Number of potentials                | 3  |
| Number of levels              | 3     | Number of clamping points per level | 2  |
| Number of potentials per tier | 1     | Levels cross-connected internally   | No |
| Rail                          | TS 35 | PEN function                        | No |

**Additional technical data**

|                          |     |                  |       |
|--------------------------|-----|------------------|-------|
| Explosion-tested version | Yes | Open sides       | right |
| Snap-on                  | Yes | Type of mounting | TS 35 |

**CSA rating data**

|                               |                 |                               |        |
|-------------------------------|-----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-70089609 | Current size B (CSA)          | 15 A   |
| Current size C (CSA)          | 15 A            | Current size D (CSA)          | 5 A    |
| 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          |                               |        |

**Conductors for clamping (additional connection)**

Connection type, additional connection PUSH IN

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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                                                                   | 6                   |
| Stripping length                                                                        | 8 mm                 | Type of connection                                                                      | PUSH IN             |
| Type of connection 2                                                                    | PUSH IN              | 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, min.                                    | 0.5 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. | 1.5 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.                                         | 1.5 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 14 | Wire connection cross section AWG, min. | AWG 26        |

## Rating data

|                                              |                     |                                 |               |
|----------------------------------------------|---------------------|---------------------------------|---------------|
| Rated cross-section                          | 1.5 mm <sup>2</sup> | Rated voltage                   | 500 V         |
| Rated DC voltage                             | 500 V               | Rated current                   | 15 A          |
| Current at maximum wires                     | 15 A                | Standards                       | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.83 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 | Current size B (cURus)          | 15 A   |
| Current size C (cURus)          | 15 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  | Wire cross section max. (cURus) | 14 AWG |
| Wire cross section min. (cURus) | 26 AWG |                                 |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ETIM 9.0    | 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 |
| ECLASS 12.0 | 27-14-11-20 | ECLASS 13.0 | 27-25-01-02 |
| ECLASS 14.0 | 27-25-01-02 |             |             |

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## Technical data

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Approvals

Approvals



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

## Downloads

|                                             |                                                                                                                                                                                                                                                                |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity</a><br><a href="#">DNVGL certificate</a><br><a href="#">IECEx Certificate</a><br><a href="#">ATEX Certificate</a><br><a href="#">UKCA Ex Certificate</a><br><a href="#">Confirmation of Standards EN 45545-2_2020-10</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                                                                                                                                                |
| User Documentation                          | <a href="#">NTI A3T 1.5-A3T 1.5 PE</a>                                                                                                                                                                                                                         |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                                                                                       |

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## Drawings

