

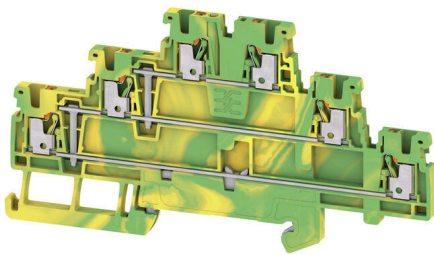
A3T 1.5 PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 | Multi-tier modular terminal, PE terminal, PUSH IN, 1.5 mm ² , Green/yellow |
| Order No. | 2818000000 |
| Type | A3T 1.5 PE |
| GTIN (EAN) | 4064675326960 |
| Qty. | 50 items |

A3T 1.5 PE

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 57 mm | Depth (inches) | 2.2441 inch |
| Height | 106.5 mm | Height (inches) | 4.1929 inch |
| Width | 3.5 mm | Width (inches) | 0.1378 inch |
| Net weight | 12.64 g | | |

Temperatures

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

Environmental Product Compliance

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

Material data

| | | | |
|--------------------------------|--------|---------------------------|--------------|
| Basic material | Wemid | Colour | Green/yellow |
| Colour of operational elements | orange | UL 94 flammability rating | V-0 |

System specifications

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

Additional technical data

| | | | |
|----------------|---------|------------------|-------|
| Open sides | right | Snap-on | Yes |
| Type of fixing | Snap-on | Type of mounting | TS 35 |

CSA rating data

| | | | |
|-------------------------------|--------|-----------------------|-----------------|
| Wire cross section max. (CSA) | 14 AWG | Certificate No. (CSA) | 200039-70089609 |
| Wire cross section min. (CSA) | 26 AWG | | |

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1 A1

Creation date 28.02.2026 01:54:46 MEZ

Catalogue status / Drawings

A3T 1.5 PE

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Technical data

| | | | |
|---|--|---------------------|----------------------|
| Wire connection cross section AWG, max. | AWG 14 | | |
| Connection direction | top | | |
| Stripping length | 8 mm | | |
| Type of connection | PUSH IN | | |
| Number of connections | 6 | | |
| Clamping range, max. | 1.5 mm ² | | |
| Clamping range, min. | 0.14 mm ² | | |
| Blade size | 0.4 x 2.0 mm | | |
| Wire connection cross section AWG, min. | AWG 26 | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm ² | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.14 mm ² | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm ² | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.14 mm ² | | |
| Wire connection cross section, finely stranded, max. | 1.5 mm ² | | |
| Wire connection cross section, finely stranded, min. | 0.14 mm ² | | |
| Connection cross-section, stranded, max. | 1.5 mm ² | | |
| Connection cross-section, stranded, min. | 0.14 mm ² | | |
| Wire connection cross-section, solid core, max. | 1.5 mm ² | | |
| Wire connection cross-section, solid core, min. | 0.14 mm ² | | |
| Tube length for wire-end ferrule with plastic collar DIN 46228/4 | Tube length | min. | 6 mm |
| | | max. | 8 mm |
| | Cross-section for conductor connection | min. | 0.14 mm ² |
| | | max. | 0.75 mm ² |
| Tube length for wire-end ferrule without plastic collar DIN 46228/1 | Tube length | min. | 5 mm |
| | Cross-section for conductor connection | nominal | 0.25 mm ² |
| | | | |
| | Tube length | nominal | 6 mm |
| | | min. | 0.5 mm ² |
| | | max. | 1 mm ² |
| Tube length | nominal | 10 mm | |
| Cross-section for conductor connection | nominal | 1.5 mm ² | |

General

| | | | |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 26 |
| Standards | IEC 60947-7-2 | Mounting rail | TS 35 |

Rating data

| | | | |
|--|---------------------|---|---------------|
| Rated cross-section | 1.5 mm ² | Rated voltage to adjoining terminal | 500 V |
| Rated DC voltage | 500 V | Standards | IEC 60947-7-2 |
| Volume resistance according to IEC 60947-7-x | 1.83 mΩ | Rated impulse withstand voltage | 6 kV |
| Rated impulse withstand voltage to adjacent terminal | 6 kV | Power loss in accordance with IEC 60947-7-x | 0.00 W |
| Surge voltage category | III | Pollution severity | 3 |

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Technical data**UL rating data**

| | | | |
|---------------------------------|--------|-------------------------|--------|
| Wire cross section max. (cURus) | 14 AWG | Certificate No. (cURus) | E60693 |
| Wire cross section min. (cURus) | 26 AWG | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000901 | ETIM 9.0 | EC000901 |
| ETIM 10.0 | EC000901 | ECLASS 14.0 | 27-25-01-04 |
| ECLASS 15.0 | 27-25-01-04 | | |

Drawings

