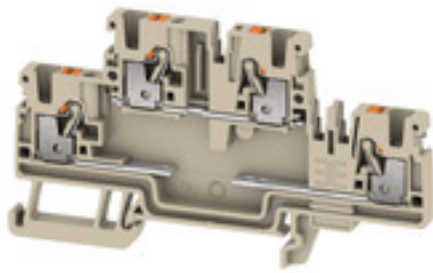


**A2T 2.5 EM2 D/O****Weidmüller Interface GmbH & Co. KG**

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**

|            |                            |
|------------|----------------------------|
| Order No.  | <a href="#">2704360000</a> |
| Type       | A2T 2.5 EM2 D/O            |
| GTIN (EAN) | 4064675061557              |
| Qty.       | 50 pc(s).                  |

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

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 50.5 mm | Depth (inches)  | 1.988 inch |
| Height     | 90 mm   | Height (inches) | 3.543 inch |
| Width      | 5.1 mm  | Width (inches)  | 0.201 inch |
| Net weight | 12.6 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        |

**System specifications**

|                                     |     |                  |       |
|-------------------------------------|-----|------------------|-------|
| End cover plate required            | Yes | Number of levels | 2     |
| Number of clamping points per level | 2   | Rail             | TS 35 |
| N-function                          | No  | PE function      | No    |
| PEN function                        | No  |                  |       |

**Additional technical data**

|                          |         |            |       |
|--------------------------|---------|------------|-------|
| Explosion-tested version | No      | Open sides | right |
| Type of mounting         | Snap-on |            |       |

**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>  | Connection direction                                                                    | top                 |
| Gauge to IEC 60947-1                                                                    | A3                   | Number of connections                                                                   | 4                   |
| Stripping length                                                                        | 10 mm                | Type of connection                                                                      | PUSH IN             |
| Wire connection cross section, finely stranded, max.                                    | 2.5 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. | 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 60947-7-1 |
|------|-------|-----------|----------------------------------|

## A2T 2.5 EM2 D/0

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## Technical data

## Rating data

|                        |                                  |                          |       |
|------------------------|----------------------------------|--------------------------|-------|
| Rated cross-section    | 2.5 mm <sup>2</sup>              | Rated voltage            | 500 V |
| Rated current          | 10 A                             | Current at maximum wires | 10 A  |
| Standards              | In accordance with IEC 60947-7-1 | Pollution severity       | 3     |
| Surge voltage category | III                              |                          |       |

## UL rating data

|                                            |        |                                            |        |
|--------------------------------------------|--------|--------------------------------------------|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 12 AWG |
| Conductor size Factory wiring min. (cURus) | 28 AWG | Conductor size Field wiring max. (cURus)   | 12 AWG |
| Conductor size Field wiring min. (cURus)   | 28 AWG | Current size B (cURus)                     | 10 A   |
| Current size C (cURus)                     | 10 A   | Current size D (cURus)                     | 10 A   |
| Voltage size B (cURus)                     | 24 V   | Voltage size C (cURus)                     | 24 V   |
| Voltage size D (cURus)                     | 24 V   |                                            |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000903    | ETIM 7.0    | EC000903    |
| ETIM 8.0    | EC000903    | ECLASS 9.0  | 27-14-11-27 |
| ECLASS 9.1  | 27-14-11-47 | ECLASS 10.0 | 27-14-11-27 |
| ECLASS 11.0 | 27-14-11-27 |             |             |

## Approvals

Approvals



UL File Number Search E60693

## Downloads

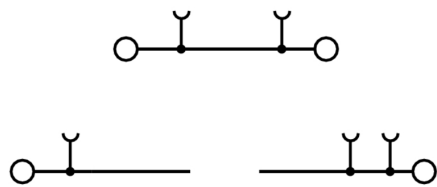
|                                             |                                              |
|---------------------------------------------|----------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CE Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                         |
| User Documentation                          | <a href="#">BPZL AXC 1.5-16</a>              |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>     |

## A2T 2.5 EM2 D/0

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

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

# Drawings



**A2T 2.5 EM2 D/O****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

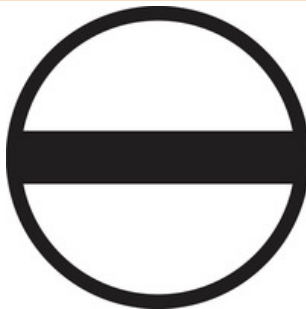
Germany

[www.weidmueller.com](http://www.weidmueller.com)**Accessories****A-Series**

Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

**General ordering data**

|            |                            |                                                           |
|------------|----------------------------|-----------------------------------------------------------|
| Type       | AAM 2.5 YE FLASH           | Version                                                   |
| Order No.  | <a href="#">2635550000</a> | Terminal marker, 8 x 5.1 mm, Pitch in mm (P): 5.00 yellow |
| GTIN (EAN) | 4050118674095              |                                                           |
| Qty.       | 40 pc(s).                  |                                                           |

**Slotted screwdriver**

VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

**General ordering data**

|            |                            |                                                                     |
|------------|----------------------------|---------------------------------------------------------------------|
| Type       | SDIS SLIM 0.6X3.5X100      | Version                                                             |
| Order No.  | <a href="#">2749610000</a> | Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade |
| GTIN (EAN) | 4050118896350              | thickness (A): 0.6 mm                                               |
| Qty.       | 1 pc(s).                   |                                                                     |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****A-Series**A  
Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

**General ordering data**

|            |                            |                       |
|------------|----------------------------|-----------------------|
| Type       | AEB 35 SCL/1 V0 BK         | Version               |
| Order No.  | <a href="#">2661300000</a> | A-series, End bracket |
| GTIN (EAN) | 4050118702187              |                       |
| Qty.       | 20 pc(s).                  |                       |
| Type       | AEB 35 SCL/1 V0            | Version               |
| Order No.  | <a href="#">2661280000</a> | A-series, End bracket |
| GTIN (EAN) | 4050118702163              |                       |
| Qty.       | 20 pc(s).                  |                       |
| Type       | AEB 35 SCL/1 V0 GY         | Version               |
| Order No.  | <a href="#">2661290000</a> | A-series, End bracket |
| GTIN (EAN) | 4050118702170              |                       |
| Qty.       | 20 pc(s).                  |                       |