

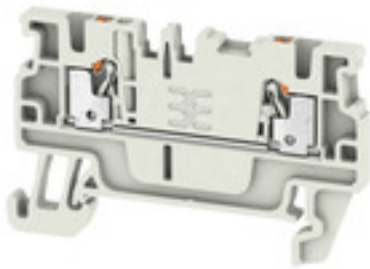
**A2C 1.5 LTGY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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    | Feed-through terminal, PUSH IN, 1.5 mm <sup>2</sup> , 500 V, 17.5 A, Light Grey |
| Order No.  | <a href="#">2508220000</a>  |
| Type       | A2C 1.5 LTGY  |
| GTIN (EAN) | 4050118525694   |
| Qty.       | 100 pc(s).  |

Creation date March 29, 2021 6:21:59 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 33.5 mm    | Depth (inches) | 1.319 inch |
| Depth including DIN rail | 34 mm      | Height         | 55 mm      |
| Height (inches)          | 2.165 inch | Net weight     | 4.04 g     |
| Width                    | 3.5 mm     | Width (inches) | 0.138 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 | Light Grey |
| 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)                  | 15 A                |
| Wire cross section max. (ATEX) | 1.5 mm <sup>2</sup> | Max. voltage (IECEX)            | 550 V               |
| Current (IECEX)                | 15 A                | Wire cross section max. (IECEX) | 1.5 mm <sup>2</sup> |
| Marking EN 60079-7             | Ex eb II C Gb       | Ex 2014/34/EU label             | II 2 G D            |

**System specifications**

|                          |       |                      |   |
|--------------------------|-------|----------------------|---|
| End cover plate required | Yes   | Number of potentials | 1 |
| Rail                     | TS 35 |                      |   |

**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      |

**CSA rating data**

|                               |                 |                               |        |
|-------------------------------|-----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-70089609 | Current size B (CSA)          | 13 A   |
| Current size C (CSA)          | 13 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 (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                    | 2                    |
| Stripping length                         | 8 mm                 |

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## Technical data

|   |  |         |                      |
|---|--|---------|----------------------|
| Tube length for AEH with plastic collar<br>DIN 46228/4  | Tube length                            | min.    | 6 mm                 |
|   |  | max.    | 8 mm                 |
|   | Cross-section for conductor connection | min.    | 0.14 mm <sup>2</sup> |
|   |  | max.    | 0.75 mm <sup>2</sup> |
| Tube length for AEH without plastic<br>collar DIN 46228/1                                     | Cross-section for conductor connection | nominal | 0.25 mm <sup>2</sup> |
|   | Tube length                            | min.    | 5 mm                 |
|   | Cross-section for conductor connection | min.    | 0.5 mm <sup>2</sup>  |
|   |  | max.    | 1 mm <sup>2</sup>    |
|   | Tube length                            | nominal | 6 mm                 |
|   | Cross-section for conductor connection | nominal | 1.5 mm <sup>2</sup>  |
| Tube length   | nominal                                | 10 mm   |                      |
| Type of connection  | PUSH IN                                |         |                      |
| Wire connection cross section AWG,<br>max.  | AWG 14                                 |         |                      |
| Wire connection cross section AWG,<br>min.  | AWG 26                                 |         |                      |
| Wire connection cross section, finely<br>stranded, max.                                       | 1.5 mm <sup>2</sup>                    |         |                      |
| Wire connection cross-section, finely<br>stranded with wire-end ferrules DIN<br>46228/1, max. | 1.5 mm <sup>2</sup>                    |         |                      |
| Wire connection cross-section, finely<br>stranded with wire-end ferrules DIN<br>46228/1, min. | 0.5 mm <sup>2</sup>                    |         |                      |
| Wire connection cross-section, finely<br>stranded with wire-end ferrules DIN<br>46228/4, max. | 1 mm <sup>2</sup>                      |         |                      |
| Wire connection cross-section, finely<br>stranded with wire-end ferrules DIN<br>46228/4, min. | 0.5 mm <sup>2</sup>                    |         |                      |
| Wire connection cross-section, solid<br>core, max.  | 1.5 mm <sup>2</sup>                    |         |                      |
| Wire connection cross-section, solid<br>core, min.  | 0.5 mm <sup>2</sup>                    |         |                      |

### General

|  |               |  |        |
|--|---------------|--|--------|
| Installation advice                        | Rail          | Rail                                       | TS 35  |
| Standards                                  | IEC 60947-7-1 | Wire connection cross section AWG,<br>max. | AWG 14 |
| Wire connection cross section AWG,<br>min. | AWG 26        |  |        |

### Rating data

|   |         |                                 |                     |
|---|---------|---------------------------------|---------------------|
| Power loss in accordance with IEC<br>60947-7-x  | 0.56 W  | Rated cross-section             | 1.5 mm <sup>2</sup> |
| Rated voltage                                   | 500 V   | Rated current                   | 17.5 A              |
| Current at maximum wires                        | 17.5 A  | Standards                       | IEC 60947-7-1       |
| Volume resistance according to IEC<br>60947-7-x | 1.83 mΩ | Rated impulse withstand voltage | 6 kV                |
| Pollution severity                              | 3       | Surge voltage category          | III                 |

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**Technical data****UL rating data**

|  |        |  |        |
|--|--------|--|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 14 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus)   | 14 AWG |
| Conductor size Field wiring min. (cURus)   | 26 AWG | Current size B (cURus)                     | 13 A   |
| Current size C (cURus)                     | 13 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  |  |        |

**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



UL File Number Search E60693

**Downloads**

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity</a><br><a href="#">DE PT0101_20171010_012_ISSUE01.pdf</a><br><a href="#">IECEx Certificate</a><br><a href="#">ATEX Certificate</a><br><a href="#">DNVGL certificate</a><br><a href="#">MARITREG certificate</a><br><a href="#">CCC Ex Certificate</a> |
| Engineering Data                            | <a href="#">STEP</a>  |
| Engineering Data                            | <a href="#">EPLAN</a>   |
| Tender specification                        | <a href="#">Klippon® Connect 2508220000 DE</a><br><a href="#">Klippon® Connect 2508220000 EN</a>  |
| User Documentation                          | <a href="#">NTI_A2C_1.5.pdf</a><br><a href="#">NTI_ALO 6</a><br><a href="#">StorageConditionsTerminalBlocks</a><br><a href="#">NTI_ALO16</a>  |