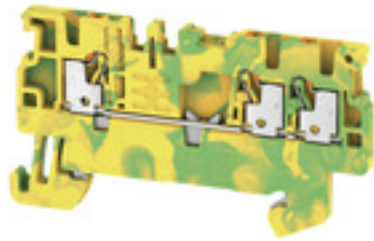


**A-series  
A3C 1.5 PE**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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**

|            |  |
|------------|--|
| Type       | A3C 1.5 PE   |
| Order No.  | <a href="#">1552670000</a>                                 |
| Version    | PE terminal, PUSH IN, 1.5 mm <sup>2</sup> , green / yellow |
| GTIN (EAN) | 4050118359848  |
| Qty.       | 50 pc(s).  |

**A-series**  
**A3C 1.5 PE**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

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

|                          |         |                 |            |
|--------------------------|---------|-----------------|------------|
| Width                    | 3.5 mm  | Width (inches)  | 0.138 inch |
| Height                   | 61.5 mm | Height (inches) | 2.421 inch |
| Depth                    | 33.5 mm | Depth (inches)  | 1.319 inch |
| Depth including DIN rail | 34.5 mm | Net weight      | 7.544 g    |

**Temperatures**

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| 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) | 1.5 mm <sup>2</sup> | Wire cross section max. (IECEX) | 1.5 mm <sup>2</sup> |
| Marking EN 60079-7             | Ex eb II C Gb       |                                 |                     |

**System specifications**

|                               |       |                                  |     |
|-------------------------------|-------|----------------------------------|-----|
| End cover plate required      | Yes   | Number of potentials             | 1   |
| Number of levels              | 1     | No. of clamping points per level | 3   |
| Number of potentials per tier | 1     | PE connection                    | Yes |
| Mounting rail                 | TS 35 | N-function                       | No  |
| PE function                   | Yes   | PEN function                     | No  |

**Additional technical data**

|                     |               |                   |         |
|---------------------|---------------|-------------------|---------|
| Installation advice | Mounting 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  | 0.4 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   | 3                   |
| Stripping length  | 8 mm                 | Type of connection  | 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 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 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, finely stranded, 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> |

# Data sheet

## A-series A3C 1.5 PE

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

# Technical data

### PE rating data

|                          |                              |              |    |
|--------------------------|------------------------------|--------------|----|
| Rated short-time current | 180 A (1.5 mm <sup>2</sup> ) | PEN function | No |
|--------------------------|------------------------------|--------------|----|

### Rating data

|  |                     |  |         |
|--|---------------------|--|---------|
| Rated cross-section                                  | 1.5 mm <sup>2</sup> | Rated voltage to adjoining terminal          | 500 V   |
| Standards  | IEC 60947-7-2       | Volume resistance according to IEC 60947-7-x | 1.83 mΩ |
| Rated impulse withstand voltage to adjacent terminal | 6 kV                | Pollution severity                           | 3       |
| Surge voltage category                               | III                 |  |         |

### 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 | Voltage size B (cURus)                     | 300 V  |
| Voltage size C (cURus)                     | 300 V  | Voltage size D (cURus)                     | 600 V  |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 6.0   | EC000901    | eClass 6.2 | 27-14-11-41 |
| eClass 9.1 | 27-14-11-41 |            |             |

### Product information

|                                 |  |
|---------------------------------|--|
| Product information             | For the wire end ferrules H1/10 and H1.5/10 a stripping length of 10 mm is to apply. |
| Descriptive text technical data | Approval in progress   |
| Descriptive text accessories    | All MultiMark variants (MM) = strip markers  |

### Approvals

|           |  |
|-----------|--|
| Approvals |  |
|-----------|--|

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">CFAT_A3C_1.5 PE.pdf</a><br><a href="#">IECEX_TUR_16.0036U_2.pdf</a><br><a href="#">TÜV 16 ATEX 7909 U.pdf</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">EPLAN_WSCAD_Zuken E3.S</a>   |
| User Documentation                          | <a href="#">NTI_A3C_1.5.pdf</a>  |

**Data sheet**

**A-series**  
**A3C 1.5 PE**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

