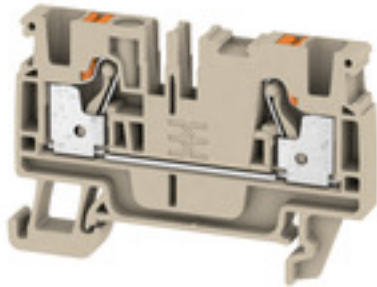


**A-series  
A2C 4**

**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       | A2C 4                                                                       |
| Order No.  | <a href="#">2051180000</a>                                                  |
| Version    | Feed-through terminal, PUSH IN, 4 mm <sup>2</sup> , 800 V, 32 A, Dark Beige |
| GTIN (EAN) | 4050118411607                                                               |
| Qty.       | 100 pc(s).                                                                  |

**A-series  
A2C 4**

**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                    | 6.1 mm  | Width (inches)  | 0.24 inch  |
| Height                   | 60 mm   | Height (inches) | 2.362 inch |
| Depth                    | 39.5 mm | Depth (inches)  | 1.555 inch |
| Depth including DIN rail | 40.5 mm | Net weight      | 9.598 g    |

**Temperatures**

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| 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)         | TÜV16ATEX7909U    | Certificate No. (IECEX)         | IECEXTUR16.0036U  |
| Max. voltage (ATEX)            | 550 V             | Current (ATEX)                  | 28 A              |
| Wire cross section max. (ATEX) | 4 mm <sup>2</sup> | Max. voltage (IECEX)            | 550 V             |
| Current (IECEX)                | 28 A              | Wire cross section max. (IECEX) | 4 mm <sup>2</sup> |

**System specifications**

|                               |       |                                  |    |
|-------------------------------|-------|----------------------------------|----|
| End cover plate required      | Yes   | Number of potentials             | 1  |
| Number of levels              | 1     | No. of clamping points per level | 2  |
| Number of potentials per tier | 1     | PE connection                    | No |
| Mounting rail                 | TS 35 | N-function                       | No |
| PE function                   | No    | 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      |

**CSA rating data**

|                               |                 |                               |        |
|-------------------------------|-----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-70089609 | Current size B (CSA)          | 30 A   |
| Current size C (CSA)          | 30 A            | Current size D (CSA)          | 5 A    |
| Voltage size B (CSA)          | 600 V           | Voltage size C (CSA)          | 600 V  |
| Voltage size D (CSA)          | 600 V           | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 26 AWG          |                               |        |

**A-series**  
**A2C 4**

**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**
**Conductors for clamping (rated connection)**

|                                                                                                                                       |                     |                                                                                                           |                     |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                                                                            | 0.6 x 3.5 mm        | Clamping range, rated connection, max.                                                                    | 4 mm <sup>2</sup>   |
| Clamping range, rated connection, min.                                                                                                | 0.5 mm <sup>2</sup> | Connection direction                                                                                      | top                 |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm <sup>2</sup> | Gauge to IEC 60947-1                                                                                      | A4                  |
| Number of connections                                                                                                                 | 2                   | Stripping length                                                                                          | 12 mm               |
| Twin wire-end ferrules, max.                                                                                                          | 1.5 mm <sup>2</sup> | Twin wire-end ferrules, min.                                                                              | 0.5 mm <sup>2</sup> |
| Type of connection                                                                                                                    | PUSH IN             | Wire connection cross section AWG, max.                                                                   | AWG 12              |
| Wire connection cross section AWG, min.                                                                                               | AWG 26              | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 4 mm <sup>2</sup>   |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.                             | 0.5 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.                                                      | 4 mm <sup>2</sup>   |
| Wire connection cross section, solid core max. rated connection                                                                       | 4 mm <sup>2</sup>   | Wire connection cross section, solid core, min. rated connection                                          | 0.5 mm <sup>2</sup> |
| Wire connection cross section, stranded, rated connection, max.                                                                       | 4 mm <sup>2</sup>   | Wire connection cross section, stranded, rated connection, min.                                           | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.         | 4 mm <sup>2</sup>   | Wire connection cross-section, finely stranded, min.                                                      | 0.5 mm <sup>2</sup> |

**Rating data**

|                                 |                   |                                              |       |
|---------------------------------|-------------------|----------------------------------------------|-------|
| Rated cross-section             | 4 mm <sup>2</sup> | Rated voltage                                | 800 V |
| Rated current                   | 32 A              | Current at maximum wires                     | 32 A  |
| Standards                       | IEC 60947-7-1     | Volume resistance according to IEC 60947-7-x | 1 mΩ  |
| Rated impulse withstand voltage | 8 kV              | Pollution severity                           | 3     |
| Surge voltage category          | III               |                                              |       |

**UL rating data**

|                                            |        |                                            |        |
|--------------------------------------------|--------|--------------------------------------------|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 28 AWG | Conductor size Field wiring max. (cURus)   | 10 AWG |
| Conductor size Field wiring min. (cURus)   | 28 AWG | Current size B (cURus)                     | 30 A   |
| Current size C (cURus)                     | 30 A   | Current size D (cURus)                     | 5 A    |
| Voltage size B (cURus)                     | 600 V  | Voltage size C (cURus)                     | 600 V  |
| Voltage size D (cURus)                     | 600 V  |                                            |        |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 5.0   | EC000897    | ETIM 6.0   | EC000897    |
| eClass 6.2 | 27-14-11-20 | eClass 7.1 | 27-14-11-20 |
| eClass 8.1 | 27-14-11-20 | eClass 9.0 | 27-14-11-20 |
| eClass 9.1 | 27-14-11-20 |            |             |

**Product information**

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| Descriptive text technical data | Approval in progress                        |
| Descriptive text accessories    | All MultiMark variants (MM) = strip markers |

Creation date January 26, 2018 7:14:07 PM CET

**Data sheet**

**A-series  
A2C 4**

**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**

**Approvals**

Approvals



**Downloads**

|                                             |                                                                                                                                                                          |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity</a><br><a href="#">ATEX Certificate</a><br><a href="#">IECEX Certificate</a><br><a href="#">DE_PT0101_20160614_015_ISSUE01.pdf</a> |
| Brochure/Catalogue                          | <a href="#">CAT 1 TERM 16/17 EN</a>                                                                                                                                      |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                                                                                                                 |
| User Documentation                          | <a href="#">NTI</a><br><a href="#">NTI</a>                                                                                                                               |

**Safety note**

|               |                                    |
|---------------|------------------------------------|
| Safety notice | <a href="#">Safety Information</a> |
|---------------|------------------------------------|

**Data sheet**

**A-series**  
**A2C 4**

**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**

