

**A-series  
A4C 4 BR**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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[www.weidmueller.com](http://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**

|            |                                                                        |
|------------|------------------------------------------------------------------------|
| Type       | A4C 4 BR                                                               |
| Order No.  | <a href="#">2534390000</a>                                             |
| Version    | Feed-through terminal, PUSH IN, 4 mm <sup>2</sup> , 800 V, 32 A, brown |
| GTIN (EAN) | 4050118546088                                                          |
| Qty.       | 50 pc(s).                                                              |

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

|                          |         |                 |            |
|--------------------------|---------|-----------------|------------|
| Width                    | 6.1 mm  | Width (inches)  | 0.24 inch  |
| Height                   | 87.5 mm | Height (inches) | 3.445 inch |
| Depth                    | 39.5 mm | Depth (inches)  | 1.555 inch |
| Depth including DIN rail | 40.5 mm | Net weight      | 15.06 g    |

**Temperatures**

|                                  |               |                                  |        |
|----------------------------------|---------------|----------------------------------|--------|
| Storage temperature, max.        | 40 °C         | Storage temperature, min.        | 10 °C  |
| Storage temperature              | 10 °C...40 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C        |                                  |        |

**Material data**

|                           |       |        |       |
|---------------------------|-------|--------|-------|
| Material                  | Wemid | Colour | brown |
| 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)                  | 30 A              |
| Wire cross section max. (ATEX) | 4 mm <sup>2</sup> | Max. voltage (IECEX)            | 550 V             |
| Current (IECEX)                | 30 A              | Wire cross section max. (IECEX) | 4 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)          | 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          |                               |        |

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

|                                                                                         |                     |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                              | 0.4 x 2.0 mm        | Clamping range, max.                                                                    | 4 mm <sup>2</sup>   |
| Clamping range, min.                                                                    | 0.5 mm <sup>2</sup> | Connection cross-section, stranded, max.                                                | 4 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                                                                   | 4                   |
| 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, max.                                    | 4 mm <sup>2</sup>   | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 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. | 4 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.                                         | 4 mm <sup>2</sup>   | Wire connection cross-section, solid core, 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  |
| Power loss in accordance with IEC 60947-7-x | 1.02 W            | 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 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 |            |             |

**Approvals**

Approvals



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## Technical data

### Downloads

|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| Approval/Certificate/Document of<br>Conformity | <a href="#">Attestation of Conformity</a>                       |
|                                                | <a href="#">ATEX Certificate</a>                                |
|                                                | <a href="#">DE PT0101 2017 1010 037 ISSUE01.pdf</a>             |
|                                                | <a href="#">IECEX Certificate</a>                               |
|                                                | <a href="#">CB Test Certificate</a>                             |
|                                                | <a href="#">CB Certificate</a>                                  |
| Engineering Data                               | <a href="#">EPLAN</a>                                           |
| Engineering Data                               | <a href="#">STEP</a>                                            |
| Tender specification                           | <a href="#">Klippon® Connect 2534390000 DE</a>                  |
|                                                | <a href="#">Klippon® Connect 2534390000 EN</a>                  |
| User Documentation                             | <a href="#">NTI_A4C 4.pdf</a>                                   |
|                                                | <a href="#">StorageConditionsTerminalBlocks</a>                 |
|                                                | <a href="#">Aderendhülsen für die Klippon® Connect A-Reihe</a>  |
|                                                | <a href="#">Wire end ferrules for Klippon® Connect A-series</a> |