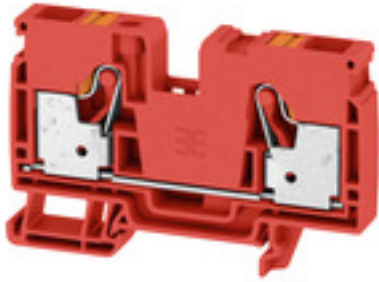


**A2C 10 RD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

**General ordering data**

|            |                                                                        |
|------------|------------------------------------------------------------------------|
| Version    | Feed-through terminal, PUSH IN, 10 mm <sup>2</sup> , 1000 V, 57 A, red |
| Order No.  | <a href="#">2876660000</a>                                             |
| Type       | A2C 10 RD                                                              |
| GTIN (EAN) | 4064675664895                                                          |
| Qty.       | 25 pc(s).                                                              |

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

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 51.5 mm  | Depth (inches)  | 2.028 inch |
| Height     | 80.5 mm  | Height (inches) | 3.169 inch |
| Width      | 10 mm    | Width (inches)  | 0.394 inch |
| Net weight | 32.315 g |                 |            |

**Temperatures**

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |
|----------------------------------|--------|----------------------------------|--------|

**Material data**

|                                |        |                           |     |
|--------------------------------|--------|---------------------------|-----|
| Material                       | Wemid  | Colour                    | red |
| Colour of operational elements | orange | UL 94 flammability rating | V-0 |

**System specifications**

|                                     |     |                                   |    |
|-------------------------------------|-----|-----------------------------------|----|
| End cover plate required            | Yes | Number of levels                  | 1  |
| Number of clamping points per level | 2   | Levels cross-connected internally | No |

**Additional technical data**

|                          |         |                  |       |
|--------------------------|---------|------------------|-------|
| Explosion-tested version | Yes     | Snap-on          | No    |
| Type of fixing           | Snap-on | Type of mounting | TS 35 |

**Conductors for clamping (additional connection)**

Connection type, additional connection PUSH IN

**Conductors for clamping (rated connection)**

|                                                                     |                                        |         |                      |
|---------------------------------------------------------------------|----------------------------------------|---------|----------------------|
| Clamping range, max.                                                | 16 mm <sup>2</sup>                     |         |                      |
| Connection cross-section, stranded, max.                            | 16 mm <sup>2</sup>                     |         |                      |
| Connection cross-section, stranded, min.                            | 0.5 mm <sup>2</sup>                    |         |                      |
| Connection direction                                                | top                                    |         |                      |
| Number of connections                                               | 2                                      |         |                      |
| Tube length for twin wire-end ferrule                               | Tube length                            | nominal | 18 mm                |
|                                                                     | Cross-section for conductor connection | min.    | 0.75 mm <sup>2</sup> |
|                                                                     |                                        | max.    | 1 mm <sup>2</sup>    |
|                                                                     | Tube length                            | max.    | 18 mm                |
|                                                                     |                                        | min.    | 12 mm                |
|                                                                     | Cross-section for conductor connection | min.    | 1.5 mm <sup>2</sup>  |
|                                                                     |                                        | max.    | 4 mm <sup>2</sup>    |
| Tube length for wire-end ferrule with plastic collar DIN 46228/4    | Tube length                            | min.    | 18 mm                |
|                                                                     | Cross-section for conductor connection | min.    | 1.5 mm <sup>2</sup>  |
|                                                                     |                                        | max.    | 4 mm <sup>2</sup>    |
|                                                                     | Tube length                            | max.    | 18 mm                |
|                                                                     |                                        | min.    | 12 mm                |
|                                                                     | Cross-section for conductor connection | min.    | 6 mm <sup>2</sup>    |
|                                                                     |                                        | max.    | 10 mm <sup>2</sup>   |
| Tube length for wire-end ferrule without plastic collar DIN 46228/1 | Tube length                            | nominal | 18 mm                |
|                                                                     | Cross-section for conductor connection | min.    | 1.5 mm <sup>2</sup>  |
|                                                                     |                                        | max.    | 10 mm <sup>2</sup>   |
| Twin wire-end ferrules, max.                                        | 4 mm <sup>2</sup>                      |         |                      |

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**Technical data**

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Twin wire-end ferrules, min.                                                            | 0.5 mm <sup>2</sup> |
| Type of connection                                                                      | PUSH IN             |
| Wire connection cross section, finely stranded, max.                                    | 16 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. | 10 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. | 10 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.                                         | 10 mm <sup>2</sup>  |
| Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |

**Rating data**

|                                              |                    |                    |         |
|----------------------------------------------|--------------------|--------------------|---------|
| Rated cross-section                          | 10 mm <sup>2</sup> | Rated voltage      | 1,000 V |
| Rated DC voltage                             | 1,000 V            | Rated current      | 57 A    |
| Volume resistance according to IEC 60947-7-x | 0.56 mΩ            | Pollution severity | 3       |
| Surge voltage category                       | III                |                    |         |

**Classifications**

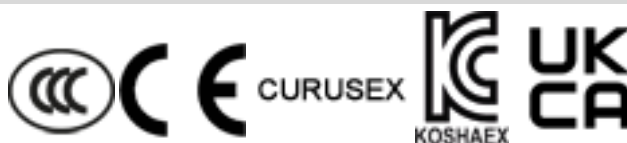
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ETIM 9.0    | EC000897    |
| ECLASS 9.0  | 27-14-11-20 | ECLASS 9.1  | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |
| ECLASS 12.0 | 27-14-11-20 | ECLASS 13.0 | 27-25-01-01 |

**Environmental Product Compliance**

REACH SVHC /

**Approvals**

Approvals



|                           |            |
|---------------------------|------------|
| UL File Number Search     | UL Website |
| Certificate No. (cURusEX) | E184763    |

**Downloads**

|                                             |                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">20-AV4BO-0269U</a><br><a href="#">Confirmation of Standards EN 45545-2_2020-10</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                       |

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## Drawings

