

**A2C 95/120-DM**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

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

**General ordering data**

|            |  |
|------------|--|
| Version    | Feed-through terminal, PUSH IN, 95 mm <sup>2</sup> , 1000 V, 232 A, dark beige |
| Order No.  | <a href="#">2694150000</a>   |
| Type       | A2C 95/120-DM  |
| GTIN (EAN) | 4064675007081  |
| Qty.       | 5 pc(s).   |

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Catalogue status 05.11.2021 / We reserve the right to make technical changes.

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

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 90 mm    | Depth (inches)  | 3.543 inch |
| Height     | 133.5 mm | Height (inches) | 5.256 inch |
| Width      | 25 mm    | Width (inches)  | 0.984 inch |
| Net weight | 180 g    |                 |            |

**Temperatures**

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C         |                                  |        |

**Material data**

|                                |             |                           |            |
|--------------------------------|-------------|---------------------------|------------|
| Material                       | None, Wemid | Colour                    | dark beige |
| Colour of operational elements | orange      | UL 94 flammability rating | V-0        |

**System specifications**

|                               |    |                  |                |
|-------------------------------|----|------------------|----------------|
| End cover plate required      | No | Number of levels | 1              |
| Number of potentials per tier | 1  | Rail             | Mounting plate |
| PEN function                  | No |                  |                |

**Additional technical data**

|                  |                          |                |       |
|------------------|--------------------------|----------------|-------|
| Open sides       | closed                   | Type of fixing | TS 35 |
| Type of mounting | Snap-on, Direct mounting |                |       |

**Conductors for clamping (rated connection)**

|   |                     |   |                     |
|---|---------------------|---|---------------------|
| Blade size  | 1.0 x 5.5 mm        | Clamping range, max.  | 120 mm <sup>2</sup> |
| Clamping range, min.  | 25 mm <sup>2</sup>  | Connection cross-section, stranded, max.  | 120 mm <sup>2</sup> |
| Connection cross-section, stranded, min.  | 25 mm <sup>2</sup>  | Connection direction  | None, on side       |
| Stripping length  | 40 mm               | Type of connection  | PUSH IN             |
| Wire connection cross section AWG, max.   | AWG 3/0             | Wire connection cross section AWG, min.   | AWG 4               |
| Wire connection cross section, finely stranded, max.                                    | 120 mm <sup>2</sup> | Wire connection cross section, finely stranded, min.                                    | 25 mm <sup>2</sup>  |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 95 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 25 mm <sup>2</sup>  |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 95 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 25 mm <sup>2</sup>  |
| Wire connection cross-section, solid core, max.   | 120 mm <sup>2</sup> | Wire connection cross-section, solid core, min.   | 25 mm <sup>2</sup>  |

**General**

|   |                |   |               |
|---|----------------|---|---------------|
| Rail                                    | Mounting plate | Standards                               | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 3/0        | Wire connection cross section AWG, min. | AWG 4         |

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**Technical data****Rating data**

|  |                    |   |               |
|--|--------------------|---|---------------|
| Rated cross-section                          | 95 mm <sup>2</sup> | Rated voltage                               | 1,000 V       |
| Rated DC voltage                             | 1,500 V DC         | Rated current                               | 232 A         |
| Current at maximum wires                     | 232 A              | Standards                                   | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 0.14 mΩ            | Power loss in accordance with IEC 60947-7-x | 7.42 W        |
| Pollution severity                           | 3                  | Surge voltage category                      | None, III     |

**UL rating data**

|  |        |  |           |
|--|--------|--|-----------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 250 kcmil |
| Conductor size Factory wiring min. (cURus) | 4 AWG  | Conductor size Field wiring max. (cURus)   | 250 kcmil |
| Conductor size Field wiring min. (cURus)   | 4 AWG  | Current size B (cURus)                     | 255 A     |
| Current size C (cURus)                     | 255 A  | Voltage size B (cURus)                     | 600 V     |
| Voltage size C (cURus)                     | 600 V  |  |           |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | 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="#">CB Testreport</a><br><a href="#">CB Certificate</a><br><a href="#">CE Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| User Documentation                          | <a href="#">Instruction sheet</a><br><a href="#">BPZL A2C 35</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |