

A2C 95/120 3FT-FE-DM**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

| | |
|------------|---|
| Version | Feed-through terminal, PUSH IN, 95 mm ² , 1000 V, 232 A, dark beige, black, yellow |
| Order No. | 2694220000 |
| Type | A2C 95/120 3FT-FE-DM |
| GTIN (EAN) | 4064675266549 |
| Qty. | 1 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 | 100 mm | Width (inches) | 3.937 inch |
| Net weight | 700 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, black, yellow |
| 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 | 4 | Rail | TS 35, Mounting plate |
| PEN function | No | | |

Additional technical data

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

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Blade size | 1.0 x 5.5 mm | Clamping range, max. | 120 mm ² |
| Clamping range, min. | 25 mm ² | Connection cross-section, stranded, max. | 120 mm ² |
| Connection cross-section, stranded, min. | 25 mm ² | 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 ² | Wire connection cross section, finely stranded, min. | 25 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 95 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 25 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 95 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 25 mm ² |
| Wire connection cross-section, solid core, max. | 120 mm ² | Wire connection cross-section, solid core, min. | 25 mm ² |

General

| | | | |
|---|-----------------------|---|---------------|
| Rail | TS 35, 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 ² | 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 | CB Testreport CB Certificate CE Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | Instruction sheet BPZL A2C 50-185 |
| Catalogues | Catalogues in PDF-format |