

A2C 95/120 BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, 95 mm ² , 1000 V, 232 A, blue |
| Order No. | 2694070000 |
| Type | A2C 95/120 BL |
| GTIN (EAN) | 4064675073253 |
| Qty. | 5 pc(s). |

Creation date October 11, 2022 8:04:12 PM CEST

Catalogue status 07.10.2022 / 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 | 101.5 mm | Height (inches) | 3.996 inch |
| Width | 25 mm | Width (inches) | 0.984 inch |
| Net weight | 171.252 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 | blue |
| 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 | TS 35 |
| 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 | 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 | 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 | Rated impulse withstand voltage | 8 kV |
| Power loss in accordance with IEC 60947-7-x | 7.42 W | Pollution severity | 3 |
| Surge voltage category | 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 | ECLASS 12.0 | 27-14-11-20 |

Approvals

Approvals



| | |
|-------------------------|------------|
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Attestation of Conformity UKCA Ex Attestation of Conformity IECEX Certificate ATEX Certificate DNVGL certificate CB Testreport CB Certificate UKCA Ex Certificate CE Declaration of Conformity UKCA Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | EPLAN |
| User Documentation | Instruction sheet BPZL A2C 35 NTI A2C 95/120 |
| Catalogues | Catalogues in PDF-format |

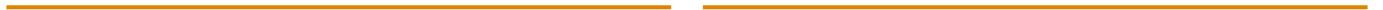
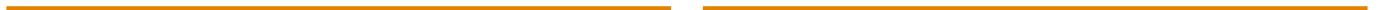
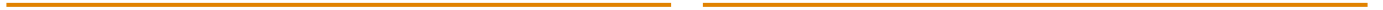
Data sheet

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Drawings



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