

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). |

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

Rating data IECEx/ATEX

| | | | |
|--------------------------------|---------------------|---------------------------------|---------------------|
| Certificate No. (ATEX) | TUEV16ATEX7909U | Certificate No. (IECEX) | IECEXTUR16.0036U |
| Max. voltage (ATEX) | 1100 V | Current (ATEX) | 211 A |
| Wire cross section max. (ATEX) | 120 mm ² | Max. voltage (IECEX) | 1100 V |
| Current (IECEX) | 211 A | Wire cross section max. (IECEX) | 120 mm ² |

System specifications

| | | | |
|-------------------------------|-------|-----------------------------------|----|
| End cover plate required | No | Number of levels | 1 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| Rail | TS 35 | PEN function | No |

Additional technical data

| | | | |
|--------------------------|-------|------------------|---------|
| Explosion-tested version | Yes | Open sides | closed |
| Type of fixing | TS 35 | Type of mounting | Snap-on |

CSA rating data

| | | | |
|-------------------------------|-----------------|-------------------------------|-----------|
| Certificate No. (CSA) | 200039-80115835 | Current size B (CSA) | 255 A |
| Current size C (CSA) | 255 A | Voltage size B (CSA) | 600 V |
| Voltage size C (CSA) | 600 V | Wire cross section max. (CSA) | 250 kcmil |
| Wire cross section min. (CSA) | 4 AWG | | |

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

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Technical data

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 |

Rating data

| | | | |
|--|--------------------|---------------------------------|---------------|
| Rated cross-section | 95 mm ² | Rated voltage | 1,000 V |
| Rated DC voltage | 1,500 V | 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 | 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 | / |
|------------|---|

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Technical data**Important note**

Product information

The max. connectable wire reduces by one wire size if a cross connector is used that has to be mounted in the wire entry.

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](#)
[Confirmation of Standards EN 45545-2_2020-10](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[Instruction sheet](#)
[User Manual A2C 35](#)
[NTI A2C 95/120](#)

Catalogues

[Catalogues in PDF-format](#)

A2C 95/120 BL

Weidmüller Interface GmbH & Co. KG

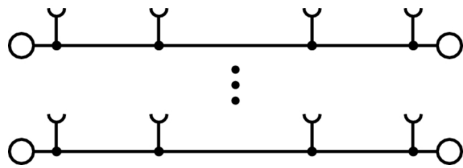
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Drawings



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Accessories

95/120 mm²

Power feed-in

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | ZQV 95/120N/3 | Version |
| Order No. | 2694260000 | Cross-connector (terminal), 192 A, orange |
| GTIN (EAN) | 4064675266570 | |
| Qty. | 10 pc(s). | |
| Type | ZQV 95/120N/2 | Version |
| Order No. | 2694250000 | Cross-connector (terminal), Plugged, Number of poles: 2, Pitch in mm |
| GTIN (EAN) | 4064675266563 | (P): 25.00, Insulated: Yes, 192 A, orange |
| Qty. | 10 pc(s). | |

A-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | |
|------------|----------------------------|-----------------------|
| Type | AEB 35 SC/1 BK | Version |
| Order No. | 2475310000 | A-series, End bracket |
| GTIN (EAN) | 4050118487114 | |
| Qty. | 50 pc(s). | |
| Type | AEB 35 SCL/1 VO GY | Version |
| Order No. | 2661290000 | A-series, End bracket |
| GTIN (EAN) | 4050118702170 | |
| Qty. | 20 pc(s). | |
| Type | AEB 35 SC/1 | Version |
| Order No. | 1991920000 | A-series, End bracket |
| GTIN (EAN) | 4050118376722 | |
| Qty. | 50 pc(s). | |
| Type | AEB 35 SCL/1 VO BK | Version |
| Order No. | 2661300000 | A-series, End bracket |
| GTIN (EAN) | 4050118702187 | |
| Qty. | 20 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|-----------------------|
| Type | AEB 35 SCL/1 V0 | Version |
| Order No. | 2661280000 | A-series, End bracket |
| GTIN (EAN) | 4050118702163 | |
| Qty. | 20 pc(s). | |

WS 8/16



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

| | | |
|------------|----------------------------|--|
| Type | WS-A 8/16 MM WS | Version |
| Order No. | 2619910000 | WS, Terminal marker, 8 x 16 mm, Weidmueller, white |
| GTIN (EAN) | 4050118626179 | |
| Qty. | 200 pc(s). | |

A-Series



Power feed-in

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | AAC 50-185 2X10 BL | Version |
| Order No. | 2663430000 | Auxiliary connection (terminal), 10 mm ² , Number of connections: 2 |
| GTIN (EAN) | 4064675027973 | |
| Qty. | 5 pc(s). | |

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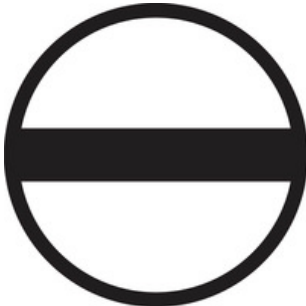
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Accessories

| | | |
|------------|----------------------------|---|
| Type | AAC 50-185 2X10 | Version |
| Order No. | 2663420000 | Auxiliary connection (terminal), 10 mm², Number of connections: 2 |
| GTIN (EAN) | 4064675027966 | |
| Qty. | 5 pc(s). | |
| Type | AAC 50-185 2X10 BK-YL | Version |
| Order No. | 2663450000 | Auxiliary connection (terminal), 10 mm², Number of connections: 2 |
| GTIN (EAN) | 4064675027997 | |
| Qty. | 5 pc(s). | |
| Type | AAC 50-185 2X10 GN-YL | Version |
| Order No. | 2663440000 | Auxiliary connection (terminal), 10 mm², Number of connections: 2 |
| GTIN (EAN) | 4064675027980 | |
| Qty. | 5 pc(s). | |

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SDIS SLIM 0.6X3.5X100 | Version |
| Order No. | 2749610000 | Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade |
| GTIN (EAN) | 4050118896350 | thickness (A): 0.6 mm |
| Qty. | 1 pc(s). | |

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SDS 1.0X5.5X150 | Version |
| Order No. | 2749380000 | Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade |
| GTIN (EAN) | 4050118895605 | thickness (A): 1 mm |
| Qty. | 1 pc(s). | |