

**A2C 95/120 DL BL****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, 95 mm <sup>2</sup> , 1000 V, 232 A, blue |
| Order No.  | <a href="#">2755910000</a>                                               |
| Type       | A2C 95/120 DL BL                                                         |
| GTIN (EAN) | 4064675005131                                                            |
| Qty.       | 5 items                                                                  |

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

|            |          |                 |             |
|------------|----------|-----------------|-------------|
| Depth      | 90 mm    | Depth (inches)  | 3.5433 inch |
| Height     | 101.5 mm | Height (inches) | 3.9961 inch |
| Width      | 25 mm    | Width (inches)  | 0.9842 inch |
| Net weight | 170 g    |                 |             |

## Temperatures

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

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Material data

|                                |        |                           |      |
|--------------------------------|--------|---------------------------|------|
| Basic 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 <sup>2</sup> | Max. voltage (IECEX)            | 1100 V              |
| Current (IECEX)                | 211 A               | Wire cross section max. (IECEX) | 120 mm <sup>2</sup> |

## System specifications

|                               |       |                                     |     |
|-------------------------------|-------|-------------------------------------|-----|
| End cover plate required      | No    | Number of potentials                | 1   |
| Number of levels              | 1     | Number of clamping points per level | 2   |
| Number of potentials per tier | 1     | Levels cross-connected internally   | No  |
| Mounting rail                 | TS 35 | N-function                          | Yes |
| PE function                   | No    | PEN function                        | No  |

## Additional technical data

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

## Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

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## Technical data

## Conductors for clamping (rated connection)

|                                                                                         |                    |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------|---------------------|
| Wire connection cross section AWG, max.                                                 | AWG 3/0            | Connection direction                                                                    | on side             |
| Stripping length                                                                        | 40 mm              | Type of connection                                                                      | PUSH IN             |
| Number of connections                                                                   | 2                  | Clamping range, max.                                                                    | 120 mm <sup>2</sup> |
| Clamping range, min.                                                                    | 25 mm <sup>2</sup> | Blade size                                                                              | 1.0 x 5.5 mm        |
| Wire connection cross section AWG, min.                                                 | AWG 4              | 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, 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, max.                                    | 120 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, 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>                             |                    | Wire connection cross-section, solid core, max.                                         | 120 mm <sup>2</sup> |
| Wire connection cross-section, solid core, min.                                         | 25 mm <sup>2</sup> | Connection cross-section, finely stranded, min.                                         | 25 mm <sup>2</sup>  |

## General

|                                         |               |                                         |       |
|-----------------------------------------|---------------|-----------------------------------------|-------|
| Wire connection cross section AWG, max. | AWG 3/0       | Wire connection cross section AWG, min. | AWG 4 |
| Standards                               | IEC 60947-7-1 | Mounting rail                           | TS 35 |

## Rating data

|                                              |                    |                                 |               |
|----------------------------------------------|--------------------|---------------------------------|---------------|
| Rated cross-section                          | 95 mm <sup>2</sup> | Rated voltage                   | 1000 V        |
| Rated DC voltage                             | 1500 V             | Nominal current                 | 232 A         |
| Current at maximum wires                     | 232 A              | Standards                       | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 0.12 mΩ            | Rated impulse withstand voltage | 8 kV          |
| Power loss in accordance with IEC 60947-7-x  | 7.42 W             | Surge voltage category          | III           |
| Pollution severity                           | 3                  |                                 |               |

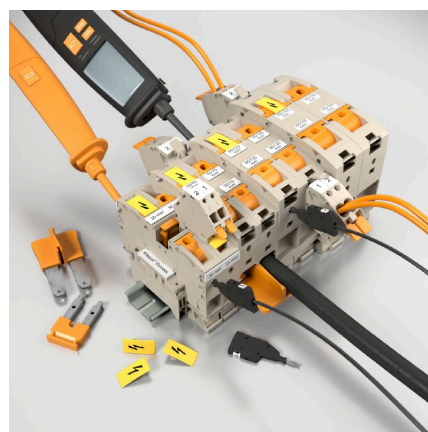
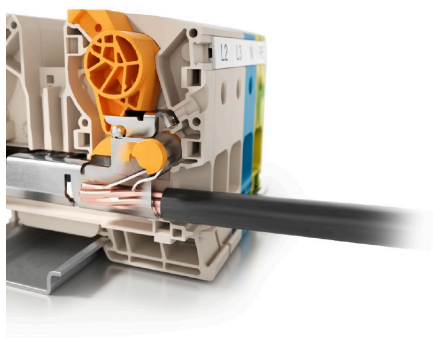
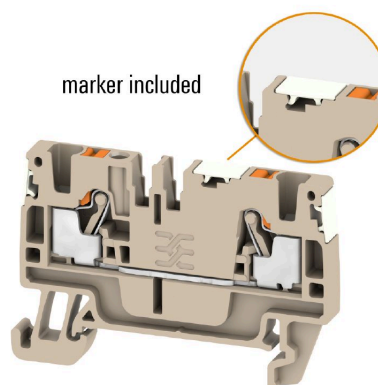
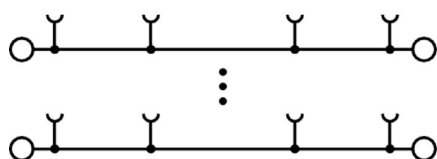
## Important note

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| 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. |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ETIM 9.0    | EC000897    |
| ETIM 10.0   | 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 | ECLASS 14.0 | 27-25-01-01 |
| ECLASS 15.0 | 27-25-01-01 |             |             |

## Drawings



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## Accessories

## 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 SCL/1 V0            | Version               |
| Order No.  | <a href="#">2661280000</a> | A-series, End bracket |
| GTIN (EAN) | 4050118702163              |                       |
| Qty.       | 20 ST                      |                       |
| Type       | AEB 35 SCL/1 V0 BK         | Version               |
| Order No.  | <a href="#">2661300000</a> | A-series, End bracket |
| GTIN (EAN) | 4050118702187              |                       |
| Qty.       | 20 ST                      |                       |
| Type       | AEB 35 SCL/1 V0 GY         | Version               |
| Order No.  | <a href="#">2661290000</a> | A-series, End bracket |
| GTIN (EAN) | 4050118702170              |                       |
| Qty.       | 20 ST                      |                       |
| Type       | AEB 35 SC/1                | Version               |
| Order No.  | <a href="#">1991920000</a> | A-series, End bracket |
| GTIN (EAN) | 4050118376722              |                       |
| Qty.       | 50 ST                      |                       |
| Type       | AEB 35 SC/1 BK             | Version               |
| Order No.  | <a href="#">2475310000</a> | A-series, End bracket |
| GTIN (EAN) | 4050118487114              |                       |
| Qty.       | 50 ST                      |                       |

95/120 mm<sup>2</sup>

## 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.  | <a href="#">2694260000</a> | Cross-connector (terminal), Plugged, orange, 192 A, Number of poles: |
| GTIN (EAN) | 4064675266570              | 3, Pitch in mm (P): 25.00, Insulated: Yes, Width: 23.1 mm            |
| Qty.       | 10 ST                      |                                                                      |

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## Accessories

|            |                            |                                                                      |
|------------|----------------------------|----------------------------------------------------------------------|
| Type       | ZQV 95/120N/2              | Version                                                              |
| Order No.  | <a href="#">2694250000</a> | Cross-connector (terminal), Plugged, orange, 192 A, Number of poles: |
| GTIN (EAN) | 4064675266563              | 2, Pitch in mm (P): 25.00, Insulated: Yes, Width: 48 mm              |
| Qty.       | 10 ST                      |                                                                      |

## 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            | Version                                                           |
| Order No.  | <a href="#">2663420000</a> | Auxiliary connection (terminal), 10 mm², Number of connections: 2 |
| GTIN (EAN) | 4064675027966              |                                                                   |
| Qty.       | 5 ST                       |                                                                   |
| Type       | AAC 50-185 2X10 BK-YL      | Version                                                           |
| Order No.  | <a href="#">2663450000</a> | Auxiliary connection (terminal), 10 mm², Number of connections: 2 |
| GTIN (EAN) | 4064675027997              |                                                                   |
| Qty.       | 5 ST                       |                                                                   |
| Type       | AAC 50-185 2X10 BL         | Version                                                           |
| Order No.  | <a href="#">2663430000</a> | Auxiliary connection (terminal), 10 mm², Number of connections: 2 |
| GTIN (EAN) | 4064675027973              |                                                                   |
| Qty.       | 5 ST                       |                                                                   |
| Type       | AAC 50-185 2X10 GN-YL      | Version                                                           |
| Order No.  | <a href="#">2663440000</a> | Auxiliary connection (terminal), 10 mm², Number of connections: 2 |
| GTIN (EAN) | 4064675027980              |                                                                   |
| Qty.       | 5 ST                       |                                                                   |

## 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.  | <a href="#">2749380000</a> | Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade |
| GTIN (EAN) | 4050118895605              | thickness (A): 1 mm                                               |
| Qty.       | 1 ST                       |                                                                   |

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## Accessories

|            |                            |                          |  |
|------------|----------------------------|--------------------------|--|
| Type       | SDS 1.0X5.5X150            | Version                  |  |
| Order No.  | <a href="#">9008350000</a> | Screwdriver, Screwdriver |  |
| GTIN (EAN) | 4032248056316              |                          |  |
| Qty.       | 1 ST                       |                          |  |