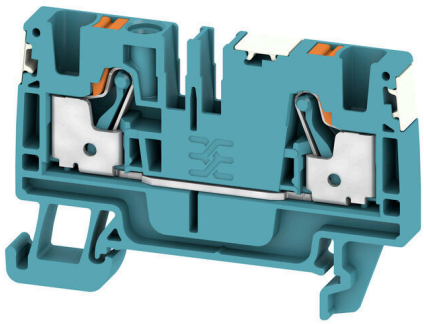
Data sheet

# A2C 4 DL 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, 4 mm², 800 V, 32 A, blue |
| Order No. | 2674790000 |
| Type | A2C 4 DL BL |
| GTIN (EAN) | 4050118779332 |
| Qty. | 100 items |

# Data sheet

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# Technical data

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURusEX) | E184763 |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 39.5 mm | Depth (inches) | 1.5551 inch |
| Depth including DIN rail | 40.5 mm | Height | 60 mm |
| Height (inches) | 2.3622 inch | Width | 6.1 mm |
| Width (inches) | 0.2402 inch | Net weight | 10.08 g |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -60 °C...85 °C |
| Continuous operating temperature, min. | -60 °C | Continuous operating temperature, max. | 130 °C |

### Environmental Product Compliance

| | | |
|---|---|---|
| RoHS Compliance Status | Compliant without exemption | |
| REACH SVHC | No SVHC above 0.1 wt% | |
| Product Carbon Footprint | Cradle to gate | 0.275 kg CO2 eq. |

### Material data

| | | | |
|---|---|---|---|
| Basic material | Wemid | Colour | blue |
| UL 94 flammability rating | V-0 | | |

### Rating data IECEx/ATEX

| | | | |
|---|---|---|---|
| Certificate No. (ATEX) | TUEV16ATEX7909U | Certificate No. (IECEX) | IECEXTUR16.0036U |
| Max. voltage (ATEX) | 550 V | Current (ATEX) | 28 A |
| Wire cross section max. (ATEX) | 4 mm² | Max. voltage (IECEX) | 550 V |
| Current (IECEX) | 28 A | Wire cross section max. (IECEX) | 4 mm² |

### System specifications

| | | | |
|---|---|---|---|
| End cover plate required | Yes | 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 | | |

### Additional technical data

| | | | |
|---|---|---|---|
| Open sides | right | Explosion-tested version | Yes |

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## Technical data

### CSA rating data

| | | | |
|---|---|---|---|
| Wire cross section max. (CSA) | 10 AWG | Voltage size C (CSA) | 600 V |
| Current size C (CSA) | 30 A | Certificate No. (CSA) | 200039-70089609 |
| Voltage size B (CSA) | 600 V | Current size B (CSA) | 30 A |
| Voltage size D (CSA) | 600 V | Current size D (CSA) | 5 A |
| Wire cross section min. (CSA) | 26 AWG | | |

### Conductors for clamping (additional connection)

| | |
|---|---|
| Connection type, additional connection | PUSH IN |

### Conductors for clamping (rated connection)

| | | | |
|---|---|---|---|
| Gauge to IEC 60947-1 | A4 | | |
| Wire connection cross section AWG, max. | AWG 12 | | |
| Connection direction | top | | |
| Stripping length | 12 mm | | |
| Type of connection | PUSH IN | | |
| Number of connections | 2 | | |
| Conductor cross-section (rated connection), max. | 6 mm² | | |
| Conductor cross-section (rated connection), min. | 0.14 mm² | | |
| Blade size | 0.6 x 3.5 mm | | |
| Wire connection cross section AWG, min. | AWG 26 | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm² | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm² | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm² | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm² | | |
| Wire connection cross-section, finely stranded, max. | 6 mm² | | |
| Wire connection cross section, finely stranded, min. | 0.5 mm² | | |
| Connection cross-section, stranded, max. | 6 mm² | | |
| Connection cross-section, stranded, min. | 0.5 mm² | | |
| Twin wire-end ferrules, max. | 1.5 mm² | | |
| Twin wire-end ferrules, min. | 0.5 mm² | | |
| Wire connection cross-section, solid core, max. | 4 mm² | | |
| Wire connection cross-section, solid core, min. | 0.5 mm² | | |
| Tube length for wire-end ferrule with plastic collar DIN 46228/4 | Tube length | min. | 6 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | min. | 0.5 mm² |
| | | max. | 1 mm² |
| | Tube length | min. | 8 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | min. | 1.5 mm² |

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## Technical data

| | | | |
|---|---|---|---|
| | | max. | 2.5 mm² |
| | Tube length | min. | 10 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | nominal | 4 mm² |
| Tube length for twin wire-end ferrule | Tube length | min. | 8 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | min. | 0.5 mm² |
| | | max. | 1.5 mm² |
| Tube length for wire-end ferrule without plastic collar DIN 46228/1 | Tube length | min. | 6 mm |
| | | max. | 10 mm |
| | Cross-section for conductor connection | min. | 0.5 mm² |
| | | max. | 1 mm² |
| | Tube length | min. | 7 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | min. | 1.5 mm² |
| | | max. | 2.5 mm² |
| | Tube length | min. | 9 mm |
| | | max. | 15 mm |
| | Cross-section for conductor connection | min. | 4 mm² |
| | | max. | 6 mm² |

| | | |
|---|---|---|
| Tube length for wire-end ferrule with plastic collar acc. to cross-section | Cross-section, min. | 0.5 mm² |
| | Cross-section, max. | 1 mm² |
| | Tube length, min. | 6 mm |
| | Tube length, max. | 12 mm |
| | Cross-section, min. | 1.5 mm² |
| | Cross-section, max. | 2.5 mm² |
| | Tube length, min. | 8 mm |
| | Tube length, max. | 12 mm |
| | Cross-section, min. | 4 mm² |
| | Cross-section, max. | 4 mm² |
| | Tube length, min. | 10 mm |
| | Tube length, max. | 12 mm |
| Tube length for wire-end ferrule without plastic collar acc. to cross-section | Cross-section, min. | 0.5 mm² |
| | Cross-section, max. | 1 mm² |
| | Tube length, min. | 6 mm |
| | Tube length, max. | 10 mm |
| | Cross-section, min. | 1.5 mm² |
| | Cross-section, max. | 2.5 mm² |
| | Tube length, min. | 7 mm |
| | Tube length, max. | 12 mm |
| | Cross-section, min. | 4 mm² |
| | Cross-section, max. | 4 mm² |
| | Tube length, min. | 9 mm |
| | Tube length, max. | 15 mm |
| Tube length for twin wire-end ferrule acc. to cross-section | Cross-section, min. | 0.5 mm² |
| | Cross-section, max. | 1.5 mm² |
| | Tube length, min. | 8 mm |
| | Tube length, max. | 12 mm |

### General

| | | | |
|---|---|---|---|
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 26 |
| Standards | IEC 60947-7-1 | Mounting rail | TS 35 |

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## Technical data

### Rating data

| | | | |
|---|---|---|---|
| Rated cross-section | 4 mm² | Rated voltage | 800 V |
| Rated DC voltage | 800 V | Nominal current | 32 A |
| Current at maximum wires | 32 A | Standards | IEC 60947-7-1 |
| Contact resistance | 1 mΩ | Rated impulse withstand voltage | 8 kV |
| Power loss (IEC 60947-7-x) | 1.02 W | Surge voltage category | III |
| Pollution severity | 3 | | |

### Classifications

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

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## Drawings

