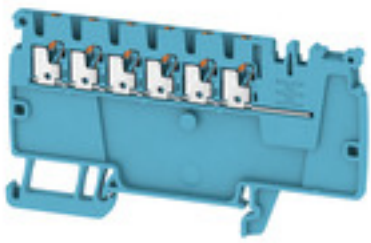
# A-series
# AAP11 1.5 LI BL/OR

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

## Product image



**Control voltage distribution**
Our tailored AAP potential distribution terminal blocks are ideal for surge current protection and central control voltage distribution. Meanwhile, our new maxGUARD range enables potential distribution with integrated electronic load monitoring in the smallest of installation spaces.

### General ordering data

| | |
|---|---|
| Type | AAP11 1.5 LI BL/OR |
| Order No. | 2522870000 |
| Version | Modular distribution terminals, PUSH IN, 1.5 mm², 500 V, 17.5 A, blue |
| GTIN (EAN) | 4050118554908 |
| Qty. | 50 pc(s). |

# A-series
# AAP11 1.5 LI BL/OR

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Width | 3.5 mm | Width (inches) | 0.138 inch |
| Height | 85.5 mm | Height (inches) | 3.366 inch |
| Depth | 47 mm | Depth (inches) | 1.85 inch |
| Depth including DIN rail | 48 mm | Net weight | 8.253 g |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature, max. | 40 °C | Storage temperature, min. | 10 °C |
| Storage temperature | 10 °C...40 °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) | TUEV17ATEX8030U | Certificate No. (IECEX) | IECEXTUR17.0015U |
| Max. voltage (ATEX) | 550 V | Current (ATEX) | 13 A |
| Wire cross section max. (ATEX) | 1.5 mm² | Max. voltage (IECEX) | 550 V |
| Current (IECEX) | 13 A | Wire cross section max. (IECEX) | 1.5 mm² |

### System specifications

| | | | |
|---|---|---|---|
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels | 1 | No. of clamping points per level | 6 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| PE connection | No | Rail | TS 35 |
| N-function | No | PE function | No |
| PEN function | No | | |

### Additional technical data

| | | | |
|---|---|---|---|
| Installation advice | Rail | Open sides | right |
| Snap-on | No | Type of fixing | Snap-on |
| Type of mounting | TS 35 | With snap-in pegs | No |

### CSA rating data

| | | | |
|---|---|---|---|
| Certificate No. (CSA) | 200039-70089609 | Current size B (CSA) | 13 A |
| Current size C (CSA) | 13 A | Current size D (CSA) | 5 A |
| Voltage size B (CSA) | 300 V | Voltage size C (CSA) | 300 V |
| Voltage size D (CSA) | 600 V | Wire cross section max. (CSA) | 14 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

# A-series
# AAP11 1.5 LI BL/OR

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

## Technical data

### Conductors for clamping (rated connection)

| | | | |
|---|---|---|---|
| Blade size | 0.4 x 2.0 mm | Clamping range, max. | 1.5 mm² |
| Clamping range, min. | 0.14 mm² | Connection cross-section, stranded, max. | 1.5 mm² |
| Connection cross-section, stranded, min. | 0.5 mm² | Connection direction | top |
| Gauge to IEC 60947-1 | A1 | Number of connections | 6 |
| Stripping length | 8 mm | Type of connection | PUSH IN |
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 26 |
| Wire connection cross section, finely stranded, max. | 1.5 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm² | Wire connection cross-section, finely stranded, min. | 0.5 mm² |
| Wire connection cross-section, solid core, max. | 1.5 mm² | Wire connection cross-section, solid core, min. | 0.5 mm² |

### Rating data

| | | | |
|---|---|---|---|
| Rated cross-section | 1.5 mm² | Rated voltage | 500 V |
| Rated current | 17.5 A | Current at maximum wires | 17.5 A |
| Standards | IEC/EN 60947-7-1:2009 | Volume resistance according to IEC 60947-7-x | 1.83 mΩ |
| Power loss in accordance with IEC 60947-7-x | 0.56 W | Rated impulse withstand voltage | 6 kV |
| Pollution severity | 3 | Surge voltage category | III |

### UL rating data

| | | | |
|---|---|---|---|
| Certificate No. (cURus) | E60693 | Conductor size Factory wiring max. (cURus) | 14 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus) | 14 AWG |
| Conductor size Field wiring min. (cURus) | 26 AWG | Current size B (cURus) | 13 A |
| Current size C (cURus) | 13 A | Current size D (cURus) | 5 A |
| Voltage size B (cURus) | 300 V | Voltage size C (cURus) | 300 V |
| Voltage size D (cURus) | 600 V | | |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC000897 | eClass 6.2 | 27-14-11-20 |
| eClass 9.0 | 27-14-11-20 | eClass 9.1 | 27-14-11-20 |

### Approvals

Approvals

IEC EX ATEX

# A-series
# AAP11 1.5 LI BL/OR

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

## Technical data

### Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Attestation of Conformity<br>IECEx Certificate<br>DE PT0205 20171010 046 ISSUE01.pdf<br>ATEX Certificate |
| Engineering Data | EPLAN |
| Engineering Data | STEP |
| Tender specification | Klippon® Connect 2522870000 DE<br>Klippon® Connect 2522870000 EN |
| User Documentation | NTI AAP11 |

**A-series**
**AAP11 1.5 LI BL/OR**

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

## Drawings

