

**AAP11 1.5 LI GN/OR****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

The unique modular concept can be tailored to every type of machine. The potential distribution terminal blocks AAP are successful thanks to their uniform design with two possible constructions – alternating or grouped. In the grouped structure of the control voltage distribution, the potentials are located on different terminal blocks and thus form entire potential blocks.

**General ordering data**

|            |                                                                                     |
|------------|-------------------------------------------------------------------------------------|
| Version    | Modular distribution terminals, PUSH IN, 1.5 mm <sup>2</sup> , 500 V, 17.5 A, green |
| Order No.  | <a href="#">2614100000</a>                                                          |
| Type       | AAP11 1.5 LI GN/OR                                                                  |
| GTIN (EAN) | 4050118618013                                                                       |
| Qty.       | 50 pc(s).                                                                           |

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## Technical data

## Dimensions and weights

|                          |            |                |           |
|--------------------------|------------|----------------|-----------|
| Depth                    | 47 mm      | Depth (inches) | 1.85 inch |
| Depth including DIN rail | 48 mm      | Height         | 85.5 mm   |
| Height (inches)          | 3.366 inch | Width          | 3.5 mm    |
| Width (inches)           | 0.138 inch | Net weight     | 6.4 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 | green |
| 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 mm <sup>2</sup> | Max. voltage (IECEX)            | 550 V               |
| Current (IECEX)                | 13 A                | Wire cross section max. (IECEX) | 1.5 mm <sup>2</sup> |
| Marking EN 60079-7             | Ex ec II C Gc       | Ex 2014/34/EU label             | II 2 G D            |

## System specifications

|                                   |     |                  |   |
|-----------------------------------|-----|------------------|---|
| End cover plate required          | Yes | Number of levels | 1 |
| Levels cross-connected internally | No  |                  |   |

## Additional technical data

|                          |     |                     |      |
|--------------------------|-----|---------------------|------|
| Explosion-tested version | Yes | Installation advice | Rail |
|--------------------------|-----|---------------------|------|

## Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

## Conductors for clamping (rated connection)

|                                                                     |                                        |         |                      |
|---------------------------------------------------------------------|----------------------------------------|---------|----------------------|
| Clamping range, max.                                                | 1.5 mm <sup>2</sup>                    |         |                      |
| Clamping range, min.                                                | 0.14 mm <sup>2</sup>                   |         |                      |
| Connection cross-section, stranded, max.                            | 1.5 mm <sup>2</sup>                    |         |                      |
| Connection cross-section, stranded, min.                            | 0.5 mm <sup>2</sup>                    |         |                      |
| Stripping length                                                    | 8 mm                                   |         |                      |
| Tube length for wire-end ferrule with plastic collar DIN 46228/4    | Cross-section for conductor connection | min.    | 0.14 mm <sup>2</sup> |
|                                                                     |                                        | max.    | 0.75 mm <sup>2</sup> |
|                                                                     | Tube length                            | max.    | 8 mm                 |
|                                                                     |                                        | min.    | 6 mm                 |
| Tube length for wire-end ferrule without plastic collar DIN 46228/1 | Tube length                            | min.    | 5 mm                 |
|                                                                     | Cross-section for conductor connection | nominal | 0.25 mm <sup>2</sup> |
|                                                                     |                                        |         |                      |
|                                                                     | Tube length                            | nominal | 6 mm                 |
|                                                                     |                                        |         |                      |
|                                                                     | Cross-section for conductor connection | min.    | 0.5 mm <sup>2</sup>  |
|                                                                     |                                        | max.    | 1 mm <sup>2</sup>    |
|                                                                     | Tube length                            | nominal | 10 mm                |
|                                                                     |                                        |         |                      |
|                                                                     | Cross-section for conductor connection | nominal | 1.5 mm <sup>2</sup>  |

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## Technical data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| 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 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.                                         | 1.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |

## General

|                                         |        |                                         |               |
|-----------------------------------------|--------|-----------------------------------------|---------------|
| Installation advice                     | Rail   | Standards                               | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 26        |

## Rating data

|                                              |                     |                                             |               |
|----------------------------------------------|---------------------|---------------------------------------------|---------------|
| Rated cross-section                          | 1.5 mm <sup>2</sup> | Rated voltage                               | 500 V         |
| Rated voltage to adjoining terminal          | 500 V               | Rated DC voltage                            | 500 V         |
| Rated current                                | 17.5 A              | Standards                                   | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.83 mΩ             | Power loss in accordance with IEC 60947-7-x | 0.56 W        |

## 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    | 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 |

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# Drawings

