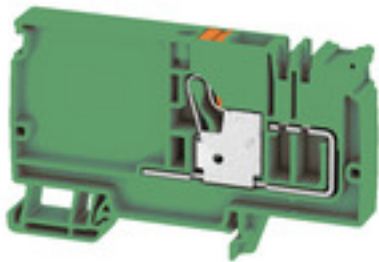


**AAP12 10 LO GN/OR****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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**

|            |                                       |
|------------|---------------------------------------|
| Version    | 10 mm <sup>2</sup> , 800, 57 A, green |
| Order No.  | <a href="#">2619410000</a>            |
| Type       | AAP12 10 LO GN/OR                     |
| GTIN (EAN) | 4050118623123                         |
| Qty.       | 20 pc(s).                             |

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## Technical data

## Dimensions and weights

|            |          |
|------------|----------|
| Net weight | 25.342 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)            | 690 V              | Current (ATEX)                  | 45 A               |
| Wire cross section max. (ATEX) | 10 mm <sup>2</sup> | Max. voltage (IECEX)            | 690 V              |
| Current (IECEX)                | 45 A               | Wire cross section max. (IECEX) | 10 mm <sup>2</sup> |
| Marking EN 60079-7             | Ex ec II C Gc      | Ex 2014/34/EU label             | II 2 G D           |

## Conductors for clamping (rated connection)

|                                                                                         |                                        |         |                      |
|-----------------------------------------------------------------------------------------|----------------------------------------|---------|----------------------|
| Clamping range, max.                                                                    | 10 mm <sup>2</sup>                     |         |                      |
| Clamping range, min.                                                                    | 0.5 mm <sup>2</sup>                    |         |                      |
| Connection cross-section, stranded, max.                                                | 10 mm <sup>2</sup>                     |         |                      |
| Connection cross-section, stranded, min.                                                | 0.5 mm <sup>2</sup>                    |         |                      |
| Stripping length                                                                        | 18 mm                                  |         |                      |
| Tube length for AEH with plastic collar DIN 46228/4                                     | Tube length                            | min.    | 18 mm                |
|                                                                                         | Cross-section for conductor connection | min.    | 1.5 mm <sup>2</sup>  |
|                                                                                         |                                        | max.    | 4 mm <sup>2</sup>    |
|                                                                                         | Tube length                            | max.    | 18 mm                |
| Tube length for AEH without plastic collar DIN 46228/1                                  | Cross-section for conductor connection | min.    | 12 mm                |
|                                                                                         |                                        | min.    | 6 mm <sup>2</sup>    |
|                                                                                         |                                        | max.    | 10 mm <sup>2</sup>   |
|                                                                                         | Tube length                            | nominal | 18 mm                |
| Tube length for twin wire-end ferrule                                                   | Cross-section for conductor connection | min.    | 1.5 mm <sup>2</sup>  |
|                                                                                         |                                        | max.    | 10 mm <sup>2</sup>   |
|                                                                                         | Cross-section for conductor connection | min.    | 18 mm                |
|                                                                                         |                                        | max.    | 12 mm                |
|                                                                                         | Cross-section for conductor connection | min.    | 0.75 mm <sup>2</sup> |
|                                                                                         |                                        | max.    | 1 mm <sup>2</sup>    |
|                                                                                         | Cross-section for conductor connection | min.    | 18 mm                |
|                                                                                         |                                        | max.    | 12 mm                |
| Twin wire-end ferrules, max.                                                            | 4 mm <sup>2</sup>                      |         |                      |
| Twin wire-end ferrules, min.                                                            | 0.5 mm <sup>2</sup>                    |         |                      |
| Wire connection cross section, finely stranded, max.                                    | 10 mm <sup>2</sup>                     |         |                      |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 10 mm <sup>2</sup>                     |         |                      |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup>                    |         |                      |

Creation date April 16, 2021 5:09:26 AM CEST

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## Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. 10 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. 10 mm<sup>2</sup>

Wire connection cross-section, solid core, min. 0.5 mm<sup>2</sup>

## Rating data

|                                              |                    |                                             |        |
|----------------------------------------------|--------------------|---------------------------------------------|--------|
| Rated cross-section                          | 10 mm <sup>2</sup> | Rated voltage                               | 800    |
| Rated voltage to adjoining terminal          | 800 V              | Rated current                               | 57 A   |
| Volume resistance according to IEC 60947-7-x | 0.56 mΩ            | Power loss in accordance with IEC 60947-7-x | 1.82 W |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | 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 |

## Approvals

Approvals



## Downloads

|                                             |                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity</a><br><a href="#">IECEX Certificate</a><br><a href="#">ATEX Certificate</a><br><a href="#">CB Test Certificate</a><br><a href="#">CB Certificate</a><br><a href="#">MARITREG certificate</a><br><a href="#">CCC Ex Certificate</a><br><a href="#">EU Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                                                                                                                                                                                      |
| Engineering Data                            | <a href="#">EPLAN</a>                                                                                                                                                                                                                                                                                                     |
| User Documentation                          | <a href="#">NTI AAP12</a><br><a href="#">StorageConditionsTerminalBlocks</a><br><a href="#">PI Klippon AAP DE</a><br><a href="#">PI Klippon AAP EN</a>                                                                                                                                                                    |
| Brochure/Catalogue                          | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                                                                                                                                                  |