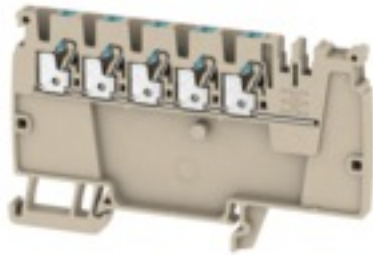


**A-series
AAP12 2.5 LI BL**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

**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 | AAP12 2.5 LI BL |
| Order No. | 1988100000 |
| Version | Modular distribution terminals, PUSH IN, 2.5 mm ² , 800 V, 24 A, Dark Beige |
| GTIN (EAN) | 4050118372762 |
| Qty. | 50 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|--------------------------|---------|-----------------|------------|
| Width | 5.1 mm | Width (inches) | 0.201 inch |
| Height | 89 mm | Height (inches) | 3.504 inch |
| Depth | 53.5 mm | Depth (inches) | 2.106 inch |
| Depth including DIN rail | 54 mm | Net weight | 12.674 g |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |
|----------------------------------|--------|----------------------------------|--------|

Material data

| | | | |
|--------------------------------|-------|---------------------------|------------|
| Material | Wemid | Colour | Dark Beige |
| Colour of operational elements | Blue | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|-------------------------------|-----|-----------------------------------|-------|
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels | 1 | No. of clamping points per level | 5 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| PE connection | No | Mounting rail | TS 35 |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

| | | | |
|---------------------|---------------|------------------|-------|
| Installation advice | Mounting rail | Open sides | right |
| Type of fixing | Snap-on | Type of mounting | TS 35 |

Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|---------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, rated connection, max. | 2.5 mm ² |
| Clamping range, rated connection, min. | 0.5 mm ² | Connection direction | top |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² | Gauge to IEC 60947-1 | A3 |
| Number of connections | 5 | Stripping length | 10 mm |
| Twin wire-end ferrules, max. | 0.75 mm ² | Twin wire-end ferrules, min. | 0.5 mm ² |
| Type of connection | PUSH IN | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 28 | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 2.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² | Wire connection cross section, finely stranded, max. | 2.5 mm ² |
| Wire connection cross section, solid core max. rated connection | 2.5 mm ² | Wire connection cross section, solid core, min. rated connection | 0.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 2.5 mm ² | Wire connection cross section, stranded, rated connection, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |

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Technical data**Rating data**

| | | | |
|---------------------|-----------------------|---------------------------------|-------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 800 V |
| Rated current | 24 A | Current at maximum wires | 24 A |
| Standards | IEC/EN 60947-7-1:2009 | Rated impulse withstand voltage | 8 kV |
| Pollution severity | 3 | Surge voltage category | III |

UL rating data

| | | | |
|--|--------|--|--------|
| Certificate No. (cURus) | E60693 | Conductor size Factory wiring max. (cURus) | 12 AWG |
| Conductor size Factory wiring min. (cURus) | 28 AWG | Conductor size Field wiring max. (cURus) | 12 AWG |
| Conductor size Field wiring min. (cURus) | 28 AWG | Current size B (cURus) | 20 A |
| Current size C (cURus) | 20 A | Current size D (cURus) | 5 A |
| Voltage size B (cURus) | 600 V | Voltage size C (cURus) | 600 V |
| Voltage size D (cURus) | 600 V | | |

Classifications

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

Product information

| | |
|---------------------------------|---|
| Descriptive text technical data | Approval in progress |
| Descriptive text accessories | All MultiMark variants (MM) = strip markers |

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | DE_PT0205_20160620_013_ISSUE01.pdf |
| Brochure/Catalogue | CAT 1 TERM 16/17 EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |

Safety note

| | |
|---------------|------------------------------------|
| Safety notice | Safety Information |
|---------------|------------------------------------|

Data sheet

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Drawings

