

**A-series
APG 1.5/8**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image**Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

| | |
|------------|---|
| Type | APG 1.5/8 |
| Order No. | 2482410000 |
| Version | Plug, 1.5 mm ² , 500, 17.5 A, dark beige |
| GTIN (EAN) | 4050118494471 |
| Qty. | 20 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|----------|-----------------|------------|
| Width | 28 mm | Width (inches) | 1.102 inch |
| Height | 14 mm | Height (inches) | 0.551 inch |
| Depth | 31.15 mm | Depth (inches) | 1.226 inch |
| Net weight | 9.312 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 | dark beige |
| UL 94 flammability rating | V-0 | | |

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 | | |

Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|---------------------|
| Blade size | 0.4 x 2.0 mm | Clamping range, max. | 1.5 mm ² |
| Clamping range, min. | 0.14 mm ² | Connection cross-section, stranded, max. | 1.5 mm ² |
| Connection direction | top | Gauge to IEC 60947-1 | A1 |
| Number of connections | 8 | Stripping length | 10 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 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded, min. | 0.5 mm ² | Wire connection cross-section, solid core, max. | 1.5 mm ² |
| Wire connection cross-section, solid core, min. | 0.5 mm ² | | |

Rating data

| | | | |
|--|---------------------|---|--------|
| Rated cross-section | 1.5 mm ² | Rated voltage | 500 |
| Rated current | 17.5 A | Current at maximum wires | 17.5 A |
| Volume resistance according to IEC 60947-7-x | 1.83 mΩ | Power loss in accordance with IEC 60947-7-x | 0.56 W |

Data sheet

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Technical data

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 | EC002848 | ETIM 7.0 | EC002848 |
| eClass 9.0 | 27-14-11-92 | eClass 9.1 | 27-14-11-92 |
| eClass 10.0 | 27-14-11-92 | | |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|--------------------|---|
| Engineering Data | EPLAN |
| Engineering Data | STEP |
| User Documentation | StorageConditionsTerminalBlocks |

Data sheet

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Drawings

