

**A-series  
APG 2.5/10****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

**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 2.5/10                                                             |
| Order No.  | <a href="#">1513770000</a>                                             |
| Version    | Plugs, 2.5 mm <sup>2</sup> , 800 V, 24 A, No. of poles: 10, Dark Beige |
| GTIN (EAN) | 4050118321487                                                          |
| Qty.       | 20 pc(s).                                                              |

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## Technical data

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Width      | 51 mm   | Width (inches)  | 2.008 inch |
| Height     | 16.5 mm | Height (inches) | 0.65 inch  |
| Depth      | 42.5 mm | Depth (inches)  | 1.673 inch |
| Net weight | 33.04 g |                 |            |

### Temperatures

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| 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)          | 20 A   |
| Current size C (CSA)          | 20 A            | Current size D (CSA)          | 5 A    |
| Voltage size B (CSA)          | 600 V           | Voltage size C (CSA)          | 600 V  |
| Voltage size D (CSA)          | 600 V           | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 28 AWG          |                               |        |

### Conductors for clamping (rated connection)

|                                                                                         |                      |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                              | 0.6 x 3.5 mm         | Clamping range, max.                                                                    | 2.5 mm <sup>2</sup> |
| Clamping range, min.                                                                    | 0.14 mm <sup>2</sup> | Connection cross-section, stranded, max.                                                | 2.5 mm <sup>2</sup> |
| Connection cross-section, stranded, min.                                                | 0.5 mm <sup>2</sup>  | Connection direction                                                                    | top                 |
| Gauge to IEC 60947-1                                                                    | A3                   | Number of connections                                                                   | 10                  |
| Stripping length                                                                        | 10 mm                | Type of connection                                                                      | PUSH IN             |
| Wire connection cross section, finely stranded, max.                                    | 2.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 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. | 2.5 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, finely stranded, min.                                    | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.                                         | 2.5 mm <sup>2</sup>  | Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |

### Rating data

|                     |                     |                                 |       |
|---------------------|---------------------|---------------------------------|-------|
| Rated cross-section | 2.5 mm <sup>2</sup> | Rated voltage                   | 800 V |
| Rated current       | 24 A                | Current at maximum wires        | 24 A  |
| Standards           | IEC 61984           | Rated impulse withstand voltage | 8 kV  |
| Pollution severity  | 3                   | Surge voltage category          | III   |

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**Technical data**
**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   | EC002848    | eClass 6.2 | 27-14-11-51 |
| eClass 9.1 | 27-14-11-92 |            |             |

**Product information**

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

**Approvals**

Approvals



ROHS Conform

**Downloads**

|                    |                                          |
|--------------------|------------------------------------------|
| Brochure/Catalogue | <a href="#">CAT 1 TERM 16/17 EN</a>      |
| Engineering Data   | <a href="#">EPLAN, WSCAD, Zuken E3.S</a> |