

**APG 1.5/6****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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**Product image**

The plugs for our WeiCoS-System are available for all different connection systems. The product range includes preassembled connectors from 1 to 10 poles and the possibility of an individual assembly. This ensures maximum flexibility for every application. The customized accessories increase the safety and protection against environmental influences.

**General ordering data**

|            |   |
|------------|---|
| Version    | Plug, 1.5 mm <sup>2</sup> , 500, 17.5 A, Number of poles: 6, dark beige |
| Order No.  | <a href="#">2482390000</a>  |
| Type       | APG 1.5/6   |
| GTIN (EAN) | 4050118494457   |
| Qty.       | 25 pc(s).   |

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## Technical data

## Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 31.15 mm | Depth (inches)  | 1.226 inch |
| Height     | 14 mm    | Height (inches) | 0.551 inch |
| Width      | 21 mm    | Width (inches)  | 0.827 inch |
| Net weight | 7.007 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                    | dark beige |
| Colour of operational elements | orange | UL 94 flammability rating | V-0        |

## System specifications

|                          |    |                  |   |
|--------------------------|----|------------------|---|
| End cover plate required | No | Number of levels | 1 |
|--------------------------|----|------------------|---|

## Additional technical data

|                  |         |
|------------------|---------|
| Type of mounting | Plugged |
|------------------|---------|

## 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 <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>  | Connection direction  | top                 |
| Gauge to IEC 60947-1  | A1                   | Number of connections   | 6                   |
| 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 <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> |

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## Technical data

## General

|   |        |   |  |
|---|--------|---|--|
| Number of poles                         | 6      | Standards                               | www.weidmuller.com<br>In accordance with 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                              |
| Rated voltage to adjoining terminal          | 500 V               | Rated current                   | 17.5 A                           |
| Current at maximum wires                     | 17.5 A              | Standards                       | In accordance with IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.83 mΩ             | Rated impulse withstand voltage | 6 kV                             |
| Power loss in accordance with IEC 60947-7-x  | 0.56 W              | Pollution severity              | 3                                |
| Surge voltage category                       | III                 |                                 |                                  |

## 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    |
| ETIM 8.0    | EC002848    | ECLASS 9.0  | 27-14-11-92 |
| ECLASS 9.1  | 27-14-11-92 | ECLASS 10.0 | 27-14-11-92 |
| ECLASS 11.0 | 27-14-11-92 | ECLASS 12.0 | 27-14-11-92 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E60693     |

## Downloads

|                    |  |
|--------------------|--|
| Engineering Data   | <a href="#">CAD data – STEP</a>  |
| Engineering Data   | <a href="#">EPLAN</a>  |
| User Documentation | <a href="#">StorageConditionsTerminalBlocks</a><br><a href="#">BPZL APGTB FT</a> |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>   |

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Drawings

