

**APG 4 L GN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**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, 4 mm <sup>2</sup> , 800 V, 32 A, green |
| Order No.  | <a href="#">2540570000</a>                   |
| Type       | APG 4 L GN                                   |
| GTIN (EAN) | 4050118552683                                |
| Qty.       | 50 Stück                                     |

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## Technische Daten

### Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 50.95 mm | Depth (inches)  | 2.006 inch |
| Height     | 19 mm    | Height (inches) | 0.748 inch |
| Width      | 6.1 mm   | Width (inches)  | 0.24 inch  |
| Net weight | 5.456 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   |        |       |

### CSA rating data

|                               |                 |                               |        |
|-------------------------------|-----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-70089609 | Voltage size B (CSA)          | 600 V  |
| Voltage size C (CSA)          | 600 V           | Voltage size D (CSA)          | 600 V  |
| Wire cross section max. (CSA) | 10 AWG          | Wire cross section min. (CSA) | 26 AWG |

### Conductors for clamping (rated connection)

|   |                      |   |                   |
|---|----------------------|---|-------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 4 mm <sup>2</sup> |
| Clamping range, min.  | 0.14 mm <sup>2</sup> | Connection cross-section, stranded, max.  | 4 mm <sup>2</sup> |
| Connection cross-section, stranded, min.  | 0.5 mm <sup>2</sup>  | Connection direction  | top               |
| Gauge to IEC 60947-1  | A4                   | Stripping length  | 10 mm             |
| Type of connection  | PUSH IN              | Wire connection cross section AWG, max.   | AWG 12            |
| Wire connection cross section AWG, min.   | AWG 26               | Wire connection cross section, finely stranded, max.                                    | 4 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. | 4 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. | 4 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.   | 4 mm <sup>2</sup> |
| Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup>  |   |                   |

### General

|   |                                  |   |        |
|---|----------------------------------|---|--------|
| Standards                               | In accordance with IEC 60947-7-1 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 26                           |   |        |

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### Rating data

|                                 |                                  |  |        |
|---------------------------------|----------------------------------|--|--------|
| Rated cross-section             | 4 mm <sup>2</sup>                | Rated voltage                                | 800 V  |
| Rated current                   | 32 A                             | Current at maximum wires                     | 32 A   |
| Standards                       | In accordance with IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 1 mΩ   |
| Rated impulse withstand voltage | 8 kV                             | Power loss in accordance with IEC 60947-7-x  | 1.02 W |
| Pollution severity              | 3                                |  |        |

### UL rating data

|  |        |  |        |
|--|--------|--|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus)   | 10 AWG |
| Conductor size Field wiring min. (cURus)   | 26 AWG | Voltage size B (cURus)                     | 600 V  |
| Voltage size C (cURus)                     | 600 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



|                         |            |
|-------------------------|------------|
| 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 PE</a> |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>   |

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## Zeichnungen

