

**APG 1.5/3-BG-BL-GN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 1.5 mm <sup>2</sup> , 500 V, 17.5 A, Number of poles: 3, dark beige, blue, green |
| Order No.  | <a href="#">2482460000</a>   |
| Type       | APG 1.5/3-BG-BL-GN   |
| GTIN (EAN) | 4050118494525  |
| 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      | 10.5 mm  | Width (inches)  | 0.413 inch |
| Net weight | 3.518 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, blue, green |
| 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   | 3                   |
| 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                         | 3      | Standards                               | 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 V   |
| Rated voltage to adjoining terminal | 500 V                            | Rated DC voltage                             | 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    | ETIM 9.0    | 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 | ECLASS 13.0 | 27-25-03-90 |

## Approvals

Approvals



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

## Downloads

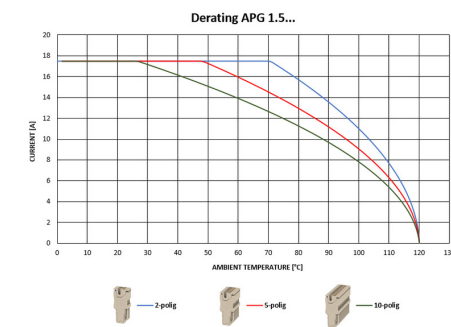
|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>                            |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a><br><a href="#">User Manual APGTB FT</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |

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# Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Locking elements**

The plugs can be securely and easily fixed to the base terminal by using a locking element. The locking element avoids an unintentional disconnection of the plugs from the base terminal and ensures maximum safety.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | APGLE 1.5                  | Version                                 |
| Order No.  | <a href="#">2482720000</a> | Locking clips (terminal), Wemid, orange |
| GTIN (EAN) | 4050118496253              |   |
| Qty.       | 25 pc(s).                  |   |

**Custom printing**

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | DEK 5/3.5 PLUS MC SDR      | Version   |
| Order No.  | <a href="#">2007790000</a> | Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4050118393347              | Weidmueller, To customer specification                      |
| Qty.       | 320 pc(s).                 |   |

|            |                            |   |
|------------|----------------------------|---|
| Type       | DEK 5/3.5 MC SDR           | Version   |
| Order No.  | <a href="#">1767730000</a> | Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4032248102532              | Weidmueller, To customer specification                      |
| Qty.       | 100 pc(s).                 |   |

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## Accessories

## Strain reliefs



The strain relief protects the contact against mechanical stress and protects the connector against inadvertent release from the contact point.

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | APGSR 1.5 - 8P             | Version                                 |
| Order No.  | <a href="#">2482750000</a> | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118494211              |   |
| Qty.       | 25 pc(s).                  |   |
| Type       | APGSR 1.5                  | Version                                 |
| Order No.  | <a href="#">2482730000</a> | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118493993              |   |
| Qty.       | 25 pc(s).                  |   |
| Type       | APGSR 1.5 - 4P             | Version                                 |
| Order No.  | <a href="#">2482740000</a> | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118494204              |   |
| Qty.       | 25 pc(s).                  |   |

## Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | DEK 5/3.5 MC NE GE         | Version   |
| Order No.  | <a href="#">1369480000</a> | Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4050118171860              | Weidmueller, yellow   |
| Qty.       | 500 pc(s).                 |   |

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**Accessories**

|            |                            |   |
|------------|----------------------------|---|
| Type       | DEK 5/3.5 PLUS MC NE WS    | Version   |
| Order No.  | <a href="#">2003750000</a> | Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4050118424430              | Weidmueller, white  |
| Qty.       | 1,600 pc(s).               |   |

|            |                            |   |
|------------|----------------------------|---|
| Type       | DEK 5/3.5 MC NE WS         | Version   |
| Order No.  | <a href="#">1755270000</a> | Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4032248017348              | Weidmueller, white  |
| Qty.       | 500 pc(s).                 |   |

**Coding elements**

Through the use of coding pins, individual coding options ensure trouble-free plug-in connection.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | APGCE                      | Version   |
| Order No.  | <a href="#">1514490000</a> | Coding element (terminal), Wemid, orange, Width: 3.3 mm |
| GTIN (EAN) | 4050118321906              |   |
| Qty.       | 50 pc(s).                  |   |