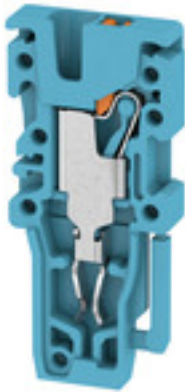


APG 1.5 MI BL**Weidmüller Interface GmbH & Co. KG**

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, 1.5 mm ² , 500 V, 17.5 A, Number of poles: 1, blue |
| Order No. | 2482290000 |
| Type | APG 1.5 MI BL |
| GTIN (EAN) | 4050118494327 |
| Qty. | 50 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 | 3.5 mm | Width (inches) | 0.138 inch |
| Net weight | 1.146 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 | blue |
| Colour of operational elements | orange | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|--------------------------|-----|------------------|---|
| End cover plate required | Yes | 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 ² |
| Clamping range, min. | 0.14 mm ² | Connection cross-section, stranded, max. | 1.5 mm ² |
| Connection cross-section, stranded, min. | 0.5 mm ² | Connection direction | top |
| Gauge to IEC 60947-1 | A1 | Number of connections | 1 |
| 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, min. | 0.5 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, solid core, max. | 1.5 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

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Technical data

General

| | | | |
|---|--------|---|----------------------------------|
| Number of poles | 1 | 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 ² | 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 |
| ECLASS 14.0 | 27-25-03-90 | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant without exemption |

Approvals

Approvals



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

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Technical data

Downloads

Approval/Certificate/Document of Con-
formity

[Confirmation of Standards EN 45545-2_2020-10](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

[User Manual APGTB FT](#)

Catalogues

[Catalogues in PDF-format](#)

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Drawings



APG 1.5 MI BL

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Accessories

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 MC SDR | Version |
| Order No. | 1767730000 | 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). | |
| Type | DEK 5/3.5 PLUS MC SDR | Version |
| Order No. | 2007790000 | 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). | |

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. | 1514490000 | Coding element (terminal), Wemid, orange, Width: 3.3 mm |
| GTIN (EAN) | 4050118321906 | |
| Qty. | 50 pc(s). | |

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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. | 2482720000 | Locking clips (terminal), Wemid, orange |
| GTIN (EAN) | 4050118496253 | |
| Qty. | 25 pc(s). | |

End plates

To ensure the finger safety and the compliance to the required clearance and creepage distances, an end plate has to be placed at the end of a plug.

General ordering data

| | | |
|------------|----------------------------|---------------------|
| Type | MCV APG 1.5 | Version |
| Order No. | 2485980000 | A-series, End plate |
| GTIN (EAN) | 4050118496512 | |
| Qty. | 50 pc(s). | |

APG 1.5 MI BL

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Accessories

Blank



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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 NE WS | Version |
| Order No. | 2003750000 | 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. | 1755270000 | Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4032248017348 | Weidmueller, white |
| Qty. | 500 pc(s). | |
| Type | DEK 5/3.5 MC NE GE | Version |
| Order No. | 1369480000 | Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4050118171860 | Weidmueller, yellow |
| Qty. | 500 pc(s). | |

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. | 2482750000 | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118494211 | |
| Qty. | 25 pc(s). | |

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www.weidmueller.com**Accessories**

| | | |
|------------|----------------------------|---|
| Type | APGSR 1.5 | Version |
| Order No. | 2482730000 | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118493993 | |
| Qty. | 25 pc(s). | |
| Type | APGSR 1.5 - 4P | Version |
| Order No. | 2482740000 | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118494204 | |
| Qty. | 25 pc(s). | |