

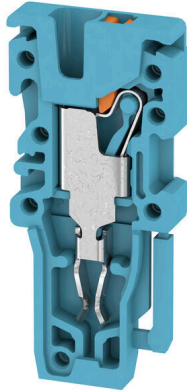
**APG 1.5 MI BL****Weidmüller Interface GmbH & Co. KG**

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 <sup>2</sup> , 500 V, 17.5 A, Number of poles: 1, blue |
| Order No.  | <a href="#">2482290000</a>  |
| Type       | APG 1.5 MI BL   |
| GTIN (EAN) | 4050118494327   |
| Qty.       | 50 items  |

## APG 1.5 MI BL

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

## Dimensions and weights

|            |          |                 |             |
|------------|----------|-----------------|-------------|
| Depth      | 31.15 mm | Depth (inches)  | 1.2264 inch |
| Height     | 14 mm    | Height (inches) | 0.5512 inch |
| Width      | 3.5 mm   | Width (inches)  | 0.1378 inch |
| Net weight | 1.15 g   |                 |             |

## Temperatures

|                                  |                |                                  |               |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -5 °C...40 °C |
| Continuous operating temp., min. | -60 °C         | Continuous operating temp., max. | 130 °C        |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Material data

|                                |        |                           |      |
|--------------------------------|--------|---------------------------|------|
| Basic material                 | Wemid  | Colour                    | blue |
| Colour of operational elements | orange | UL 94 flammability rating | V-0  |

## System specifications

|                          |     |                      |   |
|--------------------------|-----|----------------------|---|
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels         | 1   |                      |   |

## Additional technical data

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

## CSA rating data

|                               |        |                       |                 |
|-------------------------------|--------|-----------------------|-----------------|
| Wire cross section max. (CSA) | 14 AWG | Voltage size C (CSA)  | 300 V           |
| Current size C (CSA)          | 13 A   | Certificate No. (CSA) | 200039-70089609 |
| Voltage size B (CSA)          | 300 V  | Current size B (CSA)  | 13 A            |
| Voltage size D (CSA)          | 600 V  | Current size D (CSA)  | 5 A             |
| Wire cross section min. (CSA) | 26 AWG |                       |                 |

## Conductors for clamping (rated connection)

|                      |                     |   |                      |
|----------------------|---------------------|---|----------------------|
| Gauge to IEC 60947-1 | A1                  | Wire connection cross section AWG, max. | AWG 14               |
| Connection direction | top                 | Stripping length                        | 10 mm                |
| Type of connection   | PUSH IN             | Number of connections                   | 1                    |
| Clamping range, max. | 1.5 mm <sup>2</sup> | Clamping range, min.                    | 0.14 mm <sup>2</sup> |

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## Technical data

|   |                     |   |                      |
|---|---------------------|---|----------------------|
| Blade size  | 0.4 x 2.0 mm        | Wire connection cross section AWG, min.   | AWG 26               |
| 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. | 0.14 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. | 0.14 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.                                    | 1.5 mm <sup>2</sup> | Wire connection cross section, finely stranded, min.                                    | 0.14 mm <sup>2</sup> |
| Connection cross-section, stranded, max.  | 1.5 mm <sup>2</sup> | Connection cross-section, stranded, min.  | 0.14 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.   | 1.5 mm <sup>2</sup> | Wire connection cross-section, solid core, min.   | 0.14 mm <sup>2</sup> |

### General

|   |        |   |                                  |
|---|--------|---|----------------------------------|
| Number of poles                         | 1      | Wire connection cross section AWG, max. | AWG 14                           |
| Wire connection cross section AWG, min. | AWG 26 | Standards                               | In accordance with IEC 60947-7-1 |

### 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   |
| Nominal 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  |
| Surge voltage category              | III                              | Pollution severity                           | 3       |

### UL rating data

|  |        |  |        |
|--|--------|--|--------|
| Conductor size Factory wiring max. (cURus) | 14 AWG | Voltage size B (cURus)                     | 300 V  |
| Voltage size D (cURus)                     | 600 V  | Certificate No. (cURus)                    | E60693 |
| Conductor size Field wiring min. (cURus)   | 26 AWG | Conductor size Factory wiring min. (cURus) | 26 AWG |
| Current size B (cURus)                     | 13 A   | Voltage size C (cURus)                     | 300 V  |
| Current size C (cURus)                     | 13 A   | Current size D (cURus)                     | 5 A    |
| Conductor size Field wiring max. (cURus)   | 14 AWG |  |        |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002848    | ETIM 9.0    | EC002848    |
| ETIM 10.0   | EC002848    | ECLASS 14.0 | 27-25-03-90 |
| ECLASS 15.0 | 27-25-03-90 |             |             |

Drawings

Derating APG 1.5...



## APG 1.5 MI BL

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## Accessories

### Plugs



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

|            |                            |         |                     |
|------------|----------------------------|---------|---------------------|
| Type       | MCV APG 1.5                | Version |                     |
| Order No.  | <a href="#">2485980000</a> | Version | A-series, End plate |
| GTIN (EAN) | 4050118496512              |         |                     |
| Qty.       | 50 ST                      |         |                     |

### 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> | Version | Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4050118171860              | Version | Weidmueller, yellow   |
| Qty.       | 500 ST                     |         |   |
| Type       | DEK 5/3.5 MC NE WS         | Version |   |
| Order No.  | <a href="#">1755270000</a> | Version | Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50 |
| GTIN (EAN) | 4032248017348              | Version | Weidmueller, white  |
| Qty.       | 500 ST                     |         |   |

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## Custom printing



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## General ordering data

|            |                            |         |   |
|------------|----------------------------|---------|---|
| 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) | 4032248 102532             |         | Weidmueller, To customer specification                      |
| Qty.       | 100 ST                     |         |   |

## Blank



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## General ordering data

|            |                            |         |   |
|------------|----------------------------|---------|---|
| 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.       | 1600 ST                    |         |   |

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### 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 ST                     |   |

### Plugs



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

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## Accessories

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