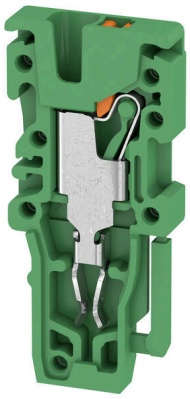
Data sheet

# APG 1.5 R 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, 1.5 mm², 500 V, 17.5 A, Number of poles: 1, green |
| Order No. | 2482330000 |
| Type | APG 1.5 R GN |
| GTIN (EAN) | 4050118494396 |
| Qty. | 50 items |

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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 | 1.16 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 | green |
| 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 |
| Certificate No. (CSA) | 200039-70089609 | Voltage size B (CSA) | 300 V |
| Voltage size D (CSA) | 600 V | 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 mm² | Clamping range, min. | 0.14 mm² |

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| | | | |
|---|---|---|---|
| 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 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.14 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.14 mm² |
| Wire connection cross section, finely stranded, max. | 1.5 mm² | Wire connection cross section, finely stranded, min. | 0.14 mm² |
| Connection cross-section, stranded, max. | 1.5 mm² | Connection cross-section, stranded, min. | 0.14 mm² |
| Wire connection cross-section, solid core, max. | 1.5 mm² | Wire connection cross-section, solid core, min. | 0.14 mm² |

## 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 mm² | 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 |
| Voltage size C (cURus) | 300 V | 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 | | |

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## Drawings