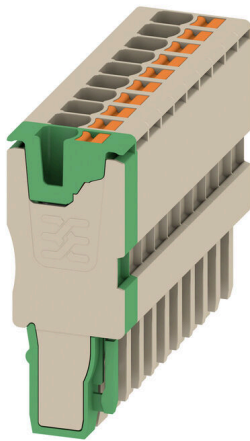


APG 2.5/10-9BG-GN**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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, 2.5 mm ² , 800 V, 24 A, Number of poles: 10, beige |
| Order No. | 2712810000 |
| Type | APG 2.5/10-9BG-GN |
| GTIN (EAN) | 4050118755299 |
| Qty. | 20 items |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 16.5 mm | Depth (inches) | 0.6496 inch |
| Height | 42.5 mm | Height (inches) | 1.6732 inch |
| Width | 51 mm | Width (inches) | 2.0079 inch |
| Net weight | 33.04 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -60 °C...85 °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 | beige |
| Colour of operational elements | orange | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|--------------------------|----|----------------------|----|
| End cover plate required | No | Number of potentials | 10 |
| Number of levels | 1 | | |

Additional technical data

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

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|----------------------|
| Gauge to IEC 60947-1 | A3 | Wire connection cross section AWG, max. | AWG 12 |
| Connection direction | top | Stripping length | 10 mm |
| Type of connection | PUSH IN | Number of connections | 10 |
| Clamping range, max. | 2.5 mm ² | Clamping range, min. | 0.14 mm ² |
| Blade size | 0.6 x 3.5 mm | Wire connection cross section AWG, min. | AWG 28 |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.14 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.14 mm ² |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross section, finely stranded, min. | 0.14 mm ² |
| Connection cross-section, stranded, max. | 2.5 mm ² | Connection cross-section, stranded, min. | 0.14 mm ² |
| Wire connection cross-section, solid core, max. | 2.5 mm ² | Wire connection cross-section, solid core, min. | 0.14 mm ² |

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Technical data

General

| | | | |
|---|--------|---|----------------------------------|
| Number of poles | 10 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 28 | Standards | In accordance with IEC 60947-7-1 |

Rating data

| | | | |
|---------------------------------|---------------------|------------------------|----------------------------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 800 V |
| Rated DC voltage | 800 V | Nominal current | 24 A |
| Current at maximum wires | 24 A | Standards | In accordance with IEC 60947-7-1 |
| Rated impulse withstand voltage | 8 kV | Surge voltage category | III |
| Pollution severity | 3 | | |

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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Accessories

Plugs



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | APGCE | Version |
| Order No. | 1514490000 | Coding element (terminal), Wemid, orange, Width: 3.3 mm |
| GTIN (EAN) | 4050118321906 | |
| Qty. | 50 ST | |
| Type | APGLE 2.5/4 | Version |
| Order No. | 2457570000 | Locking clips (terminal), Wemid, orange |
| GTIN (EAN) | 4050118473100 | |
| Qty. | 25 ST | |
| Type | APGSR 2.5/4 | Version |
| Order No. | 2457580000 | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118472998 | |
| Qty. | 25 ST | |
| Type | APGSR 2.5/4 - 4P | Version |
| Order No. | 2457590000 | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118472967 | |
| Qty. | 25 ST | |
| Type | APGSR 2.5/4 - 8P | Version |
| Order No. | 2457600000 | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118472929 | |
| Qty. | 25 ST | |