

SPG 2.5 MI 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 (terminal), SNAP IN, 2.5 mm ² , 24 A, 800 V, Number of connections: 1, Number of poles: 1, Width: 5.1 mm |
| Order No. | 3030220000 |
| Type | SPG 2.5 MI GN |
| GTIN (EAN) | 4099986973244 |
| Qty. | 50 items |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 42.5 mm | Depth (inches) | 1.6732 inch |
| Height | 16.5 mm | Height (inches) | 0.6496 inch |
| Width | 5.1 mm | Width (inches) | 0.2008 inch |
| Net weight | 1 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 | green | UL 94 flammability rating | V-0 |

System specifications

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

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|----------------------|
| Gauge to IEC 60947-1 | A3 | Wire connection cross section AWG, max. | AWG 14 |
| Connection direction | top | Stripping length | 10 mm |
| Type of connection | SNAP IN | Number of connections | 1 |
| Clamping range, max. | 2.5 mm ² | Clamping range, min. | 0.34 mm ² |
| Blade size | 0.6 x 3.5 mm | Wire connection cross section AWG, min. | AWG 22 |
| 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. | 0.34 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. | 0.34 mm ² |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross section, finely stranded, min. | 0.34 mm ² |
| Connection cross-section, stranded, max. | 2.5 mm ² | Connection cross-section, stranded, min. | 0.34 mm ² |
| Wire connection cross-section, solid core, max. | 2.5 mm ² | Wire connection cross-section, solid core, min. | 0.34 mm ² |

General

| | | | |
|---|--------|---|----------------------------------|
| Number of poles | 1 | Wire connection cross section AWG, max. | AWG 14 |
| Wire connection cross section AWG, min. | AWG 22 | Standards | In accordance with IEC 60947-7-1 |

Technical data

Rating data

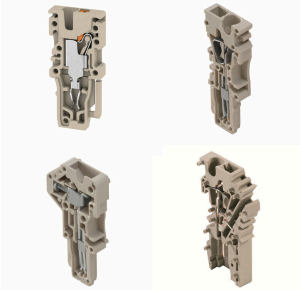
| | | | |
|--|---------------------|---------------------------------|----------------------------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 800 V |
| Rated DC voltage | 800 V | Nominal current | 24 A |
| Current at maximum wires | 24 A | Standards | In accordance with IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ | Rated impulse withstand voltage | 8 kV |
| Power loss in accordance with IEC 60947-7-x | 0.77 mW | 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 | | |

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 | APGLE 2.5/4 | Version |
| Order No. | 2457570000 | Locking clips (terminal), Wemid, orange |
| GTIN (EAN) | 4050118473100 | |
| Qty. | 25 ST | |
| Type | APGSR 2.5/4 - 8P | Version |
| Order No. | 2457600000 | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118472929 | |
| 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 | Version |
| Order No. | 2457580000 | Strain relief (terminal), Wemid, orange |
| GTIN (EAN) | 4050118472998 | |
| Qty. | 25 ST | |
| Type | MCV SPG 2.5 | Version |
| Order No. | 3032900000 | End plate for terminals, dark beige, Height: 16.5 mm, Width: 0.55 |
| GTIN (EAN) | 4099986985513 | mm, V-O, Wemid, Snap-on: Yes |
| 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 5/5 S MC NE WS | Version |
| Order No. | 1341620000 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4050118145793 | Weidmueller, white |
| Qty. | 400 ST | |
| Type | DEK 5/5 MC NE WS | Version |
| Order No. | 1609801044 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4008190397111 | Weidmueller, white |
| Qty. | 1000 ST | |
| Type | WS 8/5 PLUS MC NE WS | Version |
| Order No. | 1951870000 | WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, |
| GTIN (EAN) | 4032248631605 | Allen-Bradley, white |
| Qty. | 600 ST | |
| Type | WS 8/5 MC NE WS | Version |
| Order No. | 1640740000 | WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, |
| GTIN (EAN) | 4008190279103 | Allen-Bradley, white |
| Qty. | 720 ST | |

DEK 5/5



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

| | | |
|------------|----------------------------|--|
| Type | DEK 5/5 MM WS | Version |
| Order No. | 2007110000 | Dekafix, Terminal marker, 5 x 5 mm, Weidmueller, white |
| GTIN (EAN) | 4050118391862 | |
| Qty. | 800 ST | |

WS 8/5



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

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- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | WS 8/5 MM WS | Version | |
| Order No. | 2007150000 | WS, Terminal marker, 8 x 5 mm, Weidmueller, white | |
| GTIN (EAN) | 4050118392029 | | |
| Qty. | 800 ST | | |

Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | FZS 2/4 RT/80 SAKT4 | Version | |
| Order No. | 1276300000 | Plug (terminal), Plug-in connection, 2 mm ² , Number of connections: 2, | |
| GTIN (EAN) | 4008190026080 | Number of poles: 1, Width: 9 mm | |
| Qty. | 20 ST | | |