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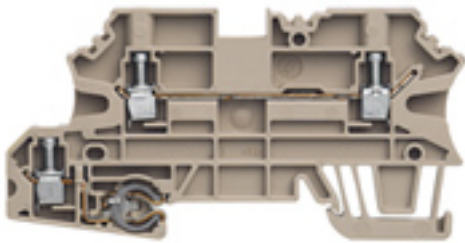
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**W-Series, WMF
WMF 2.5 PE**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
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www.weidmueller.com



Weidmüller's new WMF (Weidmüller Multi-Functional) line of terminal blocks provide a multi-functional solution for routing and distributing signals. This space-saving terminal combines all the necessary functionality into a single solution. It features an integrated shield connection and can be used with feed-through, fuse and disconnect functionality. The three cross-connection channels and wide variety of labelling options offer additional flexibility.

General ordering data

| | |
|------------|---|
| Order No. | 1143060000 |
| Type | WMF 2.5 PE |
| Version | W-Series, WMF, PE terminal, Rated cross-section: 2.5 mm ² , Screw connectionDirect mounting |
| GTIN (EAN) | 4032248926053 |
| Qty. | 50 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|------------|---------|--------------------------|---------|
| Length | 88 mm | Width | 5.08 mm |
| Height | 44.5 mm | Height of lowest version | 45 mm |
| Net weight | 13.28 g | | |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Operating temperature | | Storage temperature | |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

Additional technical data

| | | | |
|---------------------|-----------------|------------|--|
| Installation advice | Direct mounting | Open sides | right |
| Type of mounting | | Version | Screw connection, With PE connection, for plug-in cross-connector, One end without connector |
| | TS 35 | | |

Clampable wires (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Type of connection | Screw connection | Stripping length | 10 mm |
| Blade size | 0.6 x 3.5 mm | Connection direction | on side |
| Number of connections | 3 | Clamping range, rated connection, min. | 0.5 mm ² |
| Clamping range, rated connection, max. | 4 mm ² | Clamping screw | M 3 |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.6 Nm |
| Gauge to IEC 60947-1 | A3 | Wire connection cross section, solid core, max. rated connection | 0.5 mm ² |
| Wire connection cross section, solid core max. rated connection | 4 mm ² | Wire connection cross section, stranded, rated connection, min. | 1.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 4 mm ² | Wire connection cross section, finely stranded, max. | 4 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, rated connection, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 2.5 mm ² | Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm ² | Wire connection cross section AWG, min. | AWG 26 |
| Wire connection cross section AWG, max. | AWG 12 | | |

Rated data

| | | | |
|---------------------------------|---------------------|------------------------|-------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 800 V |
| Rated impulse withstand voltage | 8 kV | Rated current | 24 A |
| Pollution severity | 3 | Surge voltage category | III |

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Technical data

UL ratings data

| | | | |
|--|-----------------|--|--------|
| Certificate No. (cURus) | E60693VOL1SEC95 | Conductor size Factory wiring max. (cURus) | 12 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus) | 12 AWG |
| Conductor size Field wiring min. (cURus) | 26 AWG | Current size B (cURus) | 20 A |
| Current size C (cURus) | 20 A | Current size D (cURus) | 5 A |
| Voltage size B (cURus) | 600 V | Voltage size C (cURus) | 600 V |
| Voltage size D (cURus) | 600 V | Wire cross section max. (cURus) | 12 AWG |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | Dark Beige |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|--------------------------|---------------|--------------------|------------------|
| Product family | W-Series, WMF | Type of connection | Screw connection |
| Connection direction | on side | Number of levels | 2 |
| Number of connections | 3 | Mounting rail | TS 35 |
| End cover plate required | Yes | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| eClass 6.2 | 27-14-03-05 | eClass 7.1 | 27-14-03-05 |
|------------|-------------|------------|-------------|

Approvals

Approvals

