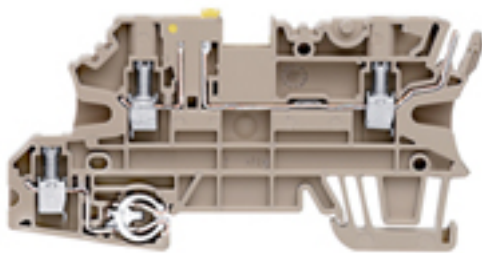


W-Series, WMF WMF 2.5 DI BLZ PE

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 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

| | |
|------------|---|
| Type | WMF 2.5 DI BLZ PE |
| Order No. | 1143010000 |
| Version | W-Series, WMF, Plug-in connector, Test-disconnect terminal, Rated cross-section: 2.5 mm ² , Screw connection |
| GTIN (EAN) | 4032248926169 |
| Qty. | 50 pc(s). |

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Technische Daten

Dimensions and weights

| | | | |
|------------|---------|--------------------------|---------|
| Length | 90 mm | Width | 5.08 mm |
| Height | 44.5 mm | Height of lowest version | 45 mm |
| Net weight | 13.2 g | | |

Temperatures

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

Additional technical data

| | | | |
|------------|---|------------------|-------|
| Open sides | right | Type of mounting | TS 35 |
| Version | 2 screw connections - 1 plug-in connection, Disconnection element, With PE connection, for plug-in cross-connector, One end without connector | | |

CSA ratings data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-1057876 | Voltage size B (CSA) | 300 V |
| Voltage size D (CSA) | 300 V | Current size B (CSA) | 19 A |
| Current size D (CSA) | 10 A | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

Clampable wires (rated connection)

| Type of connection | Screw connection | Type of connection 2 | Plug-in connection |
|---|---------------------|---|---------------------|
| Stripping length | 10 mm | Blade size | 0.6 x 3.5 mm |
| Connection direction | on side | Number of connections | 4 |
| 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 | 250 V |
| Rated impulse withstand voltage | 8 kV | Rated current | 20 A |
| Current at maximum wires | 20 A | Pollution severity | 3 |
| Surge voltage category | III | | |

Erstellungs-Datum December 17, 2013 10:39:14 AM CET

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Technische Daten

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) | 19 A |
| Current size D (cURus) | 10 A | Voltage size B (cURus) | 300 V |
| Voltage size D (cURus) | 300 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 |
| Type of connection 2 | Plug-in connection | Connection direction | on side |
| Number of levels | 2 | Number of connections | 4 |
| Mounting rail | TS 35 | End cover plate required | Yes |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000902 | eClass 6.2 | 27-14-11-26 |
| eClass 7.1 | 27-14-11-26 | | |

Product information

Descriptive text technical data With BLZ plug the nominal current is reduced to 15.5 A.

Approvals

Approvals



ROHS Conform

Datenblatt

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

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Zeichnungen

Circuit diagram

