

WMF 2.5 FU PE SW WO FUCR

Weidmüller Interface GmbH & Co. KG

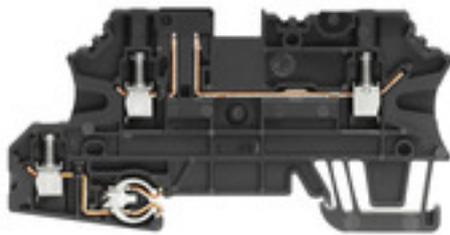
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

General ordering data

| | |
|---------------------|---|
| Version | W-Series, Fuse terminal, PE terminal, Rated cross-section: 2.5 mm ² , Screw connection |
| Order No. | 2112300000 |
| Type | WMF 2.5 FU PE SW WO FUCR |
| GTIN (EAN) | 4050118448689 |
| Qty. | 50 pc(s). |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2022-12-31 |
| Alternative product | 1163040000 |

Creation date September 17, 2022 9:39:51 PM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

WMF 2.5 FU PE SW WO FUCR
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data
Dimensions and weights

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 74 mm | Depth (inches) | 2.913 inch |
| Depth including DIN rail | 74.5 mm | Height | 88 mm |
| Height (inches) | 3.465 inch | Width | 5.08 mm |
| Width (inches) | 0.2 inch | Net weight | 12.883 g |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C | | |

Material data

| | | | |
|---------------------------|-------|--------|-------|
| Material | Wemid | Colour | black |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|-------|
| Version | Screw connection, Fuse isolator, With PE connection, for plug-in cross-connector, One end without connector | End cover plate required | Yes |
| Number of potentials | 2 | Number of levels | 2 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| PE connection | Yes | Rail | TS 35 |
| N-function | No | PE function | Yes |
| PEN function | No | | |

Additional technical data

| | |
|------------------|---------|
| Type of mounting | Snap-on |
|------------------|---------|

Conductors for clamping (rated connection)

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

Creation date September 17, 2022 9:39:51 PM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

WMF 2.5 FU PE SW WO FUCR

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data
General

| | | | |
|---|--------|---|---|
| Rail | TS 35 | Standards | IEC 60947-7-1, IEC 60947-7-2, IEC 61984 |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 26 |

PE rating data

| | |
|--------------|----|
| PEN function | No |
|--------------|----|

Rating data

| | | | |
|---------------------------------|---|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 500 V |
| Rated current | 6.3 A | Current at maximum wires | 6.3 A |
| Standards | IEC 60947-7-1, IEC 60947-7-2, IEC 61984 | 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 W |
| Pollution severity | 3 | Surge voltage category | III |

UL rating data

| | | | |
|--|--------|--|--------|
| Certificate No. (cURus) | E60693 | 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) | 17 A |
| Current size C (cURus) | 17 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 |
| Wire cross section min. (cURus) | 26 AWG | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000899 | ETIM 7.0 | EC000899 |
| ETIM 8.0 | EC000899 | ECLASS 9.0 | 27-14-11-16 |
| ECLASS 9.1 | 27-14-11-16 | ECLASS 10.0 | 27-14-11-16 |
| ECLASS 11.0 | 27-14-11-16 | ECLASS 12.0 | 27-14-11-16 |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

WMF 2.5 FU PE SW WO FUCR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data**Downloads**

| | |
|---|--|
| Approval/Certificate/Document of Conformity | CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | EPLAN |
| User Documentation | Beipackzettel WMF.pdf StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

Data sheet

WMF 2.5 FU PE SW WO FUCR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

