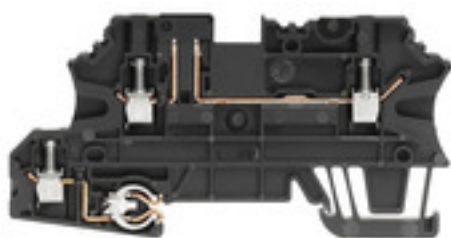


W-Series
WMF 2.5 FU PE SW WO FUCR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image

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 FU PE SW WO FUCR
Order No.	2112300000
Version	W-Series, Fuse terminal, PE terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4050118448689
Qty.	50 pc(s).

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Technical data

Dimensions and weights

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

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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	Tightening torque (clamping screw for copper conductors)	0.5...0.6 Nm
End cover plate required	Yes	Number of potentials	2
Number of levels	2	No. 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
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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 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, finely stranded, 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		

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PEN function	No
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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	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	eClass 6.2	27-14-11-16
eClass 9.0	27-14-11-16	eClass 9.1	27-14-11-16

Approvals

Approvals

**Downloads**

Approval/Certificate/Document of Conformity	DE_PT1003_20160414_241_ISSUE01.pdf
Engineering Data	STEP
User Documentation	Beipackzettel_WMF.pdf

Safety note

Safety notice	Safety Information
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