

W-Series
WMF 2.5 FU PE SW**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-2083

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.	1163040000
Type	WMF 2.5 FU PE SW
GTIN (EAN)	4032248992027

W-Series
WMF 2.5 FU PE SW

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Technical data
Dimensions

Length	88 mm	Width	5.08 mm
Height	74 mm	Height of lowest version	74.5 mm

Temperatures

Operating temperature	Storage temperature
-----------------------	---------------------

Additional technical data

Open sides	right	Type of mounting	TS 35
------------	-------	------------------	-------

CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Voltage size D (CSA)	600 V
Current size B (CSA)	17 A	Current size C (CSA)	17 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

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.	
Wire connection cross section AWG, max.	AWG 12		AWG 26

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated impulse withstand voltage	8 kV	Rated current	6.3 A
Current at maximum wires	6.3 A	Pollution severity	3
Surge voltage category	III		

**W-Series
WMF 2.5 FU PE SW**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

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)	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

Material data

Material	Wemid	Colour	Black
Flammability class UL 94	V-0		

System specifications

Product family	W-Series	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		

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Fuse holder (cartridge holder)	Pivoting
----------------	--------------	--------------------------------	----------

Classifications

ETIM 3.0	EC000902	ETIM 4.0	EC000902
eClass 6.0	27-14-11-16	eClass 7.0	27-14-11-16

Product information

Descriptive text ordering data	The WMF FU terminals may not be aligned directly under one another.
--------------------------------	---

Approvals

Approvals



W-Series
WMF 2.5 FU PE SW

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Drawings

Circuit diagram

