

**W-Series, WMF  
WMF 2.5 FU BLZ PE 30-70V SW****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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 FU BLZ PE 30-70V SW
Order No.	<a href="#">1162840000</a>
Version	W-Series, WMF, Plug-in connector, Fuse terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4032248992157
Qty.	50 pc(s).

## W-Series, WMF WMF 2.5 FU BLZ PE 30-70V SW

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

## Technische Daten

### Dimensions and weights

Length	90 mm	Width	5.08 mm
Height	74 mm	Height of lowest version	74.5 mm
Net weight	23.66 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, Fuse isolator, 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)	17 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 <sup>2</sup>	Clamping range, rated connection, max.	4 mm <sup>2</sup>
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 <sup>2</sup>	Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

### Rated data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	70 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		

Erstellungs-Datum December 17, 2013 12:50:23 PM CET

## W-Series, WMF WMF 2.5 FU BLZ PE 30-70V SW

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

## 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)	17 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	Black
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	27-14-11-16
eClass 7.1	27-14-11-16		

### Approvals

Approvals



ROHS Conform

**Datenblatt**

**W-Series, WMF**  
**WMF 2.5 FU BLZ PE 30-70V SW**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Zeichnungen**

**Circuit diagram**

