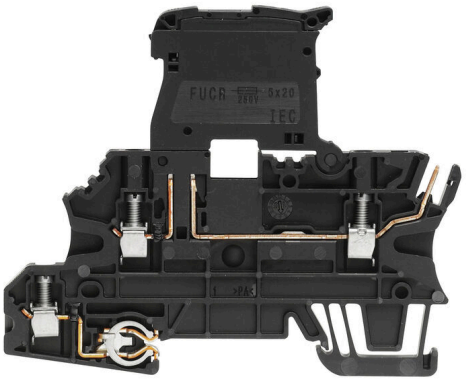
Data sheet

WMF 2.5 FU BLZ PE SW

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

www.weidmueller.com

Product image



In process control systems for facilities in the process and power generation sectors, incoming signals from field devices are often connected with terminal blocks in marshalling cabinets. Terminal blocks are used despite the existence of alternative technologies such as Remote I/O and Fieldbus. This is mainly because they offer a sturdy and simple connection system, and because they are clearly arranged. Our WMF (Weidmüller Multi Funktional) line of terminal blocks provide a multi-functional solution for marshalling signals.

General ordering data

Version	Fuse terminal, Screw connection, black, 2.5 mm², 6.3 A, 250 V, Number of connections: 4, Number of levels: 3, TS 35
Order No.	1162820000
Type	WMF 2.5 FU BLZ PE SW
GTIN (EAN)	4032248992171
Qty.	50 items

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Data sheet

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Technical data

Approvals

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

Dimensions and weights

Depth	74 mm	Depth (inches)	2.9134 inch
Depth including DIN rail	74.5 mm	Height	90 mm
Height (inches)	3.5433 inch	Width	5.08 mm
Width (inches)	0.2 inch	Net weight	19.1 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	black
UL 94 flammability rating	V-0		

System specifications

Version	2 screw connections - 1 plug-in 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	3
Levels cross-connected internally	Yes	PE connection	Yes
Mounting rail	TS 35	PE function	Yes

Additional technical data

Open sides	right	Type of mounting	Snap-on

CSA rating data

Wire cross section max. (CSA)	12 AWG	Certificate No. (CSA)	200039-1057876
Voltage size B (CSA)	300 V	Current size B (CSA)	17 A
Voltage size D (CSA)	300 V	Current size D (CSA)	10 A
Wire cross section min. (CSA)	26 AWG		

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Technical data

Conductors for clamping (additional connection)

Connection type, additional connection	Plug-in connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.5 Nm	Stripping length	10 mm
Type of connection 2	Plug-in connection	Type of connection	Screw connection
Number of connections	4	Clamping range, max.	4 mm²
Clamping range, min.	0.5 mm²	Clamping screw	M 3
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Connection cross-section, stranded, max.	4 mm²	Connection cross-section, stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.5 mm²
Connection cross-section, finely stranded, min.	0.5 mm²		

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-7-3	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm²	Rated voltage	250 V
Rated DC voltage	250 V	Nominal current	6.3 A
Current at maximum wires	6.3 A	Standards	IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-7-3
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	Surge voltage category	III
Pollution severity	3		

UL rating data

Conductor size Factory wiring max. (cURus)	12 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Wire cross section max. (cURus)	12 AWG
Certificate No. (cURus)	E60693	Wire cross section min. (cURus)	26 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG

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Technical data

Current size B (cURus)	17 A	Current size D (cURus)	10 A
Conductor size Field wiring max. (cURus)	12 AWG		

Classifications

ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		

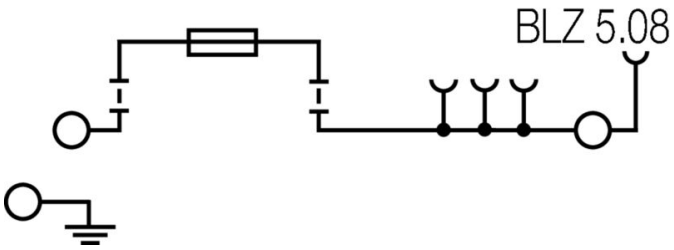
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Drawings



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