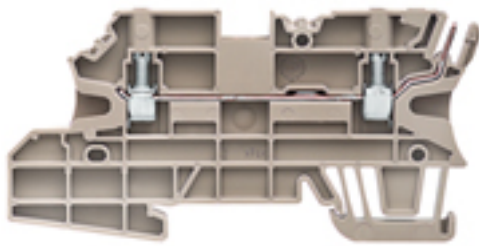


**W-Series, WMF
WMF 2.5 BLZ**

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 BLZ
Order No.	1143050000
Version	W-Series, WMF, Plug-in connector, Feed-through terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4032248926022
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	90 mm	Width	5.08 mm
Height	44.5 mm	Height of lowest version	45 mm
Net weight	10.78 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, 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)	26 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	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.	AWG 26	Wire connection cross section AWG, max.	AWG 12

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	250 V
Rated impulse withstand voltage	8 kV	Rated current	24 A
Current at maximum wires	32 A	Pollution severity	3
Surge voltage category	III		

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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)	20 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	Dark Beige
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	1	Number of connections	3
No. of clamping points per level	3	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000902	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26		

Product information

Descriptive text technical data	With BLZ plug the nominal current is reduced to 15.5 A.
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Approvals

Approvals



ROHS	Conform
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Zeichnungen

Circuit diagram

