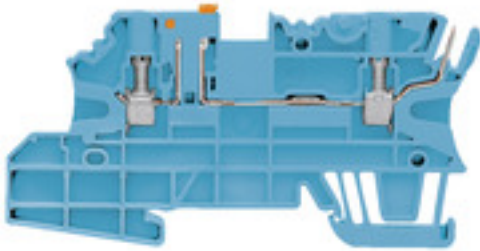


W-Series
WMF 2.5 DI BLZ BL**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Product image**

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 DI BLZ BL
Order No.	1537880000
Version	W-Series, Test-disconnect terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4050118353037
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Width	5 mm	Width (inches)	0.197 inch
Height	90 mm	Height (inches)	3.543 inch
Depth	44 mm	Depth (inches)	1.732 inch
Depth including DIN rail	45 mm	Net weight	11.63 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 code	blue
UL 94 flammability rating	V-0		

System specifications

Version	2 screw connections - 1 plug-in connection, Spacer, 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 levels	1
No. of clamping points per level	3	Rail	TS 35

Additional technical data

Open sides	right	Type of mounting	Snap-on
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Conductors for clamping (additional connection)

Connection type, additional connection Plug-in connection

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Technical data
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	Type of connection 2	Plug-in 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

Disconnect terminals

Cross-disconnect	without	Slitting	Pivoting
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	250 V
Rated current	20 A	Current at maximum wires	20 A
Standards	IEC 61984, In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3
Surge voltage category	III		

Classifications

ETIM 3.0	EC000902	ETIM 5.0	EC000902
ETIM 6.0	EC000902	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26	eClass 8.1	27-14-11-26
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26

Approvals

ROHS	Conform
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Downloads

Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	Beipackzettel_WMf.pdf Usage of terminals in EXi atmospheres

Safety note

Safety notice	Safety Information
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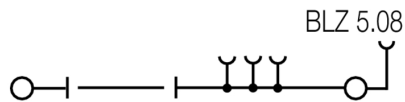
Creation date May 13, 2019 7:48:45 AM CEST

Data sheet

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Drawings



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