

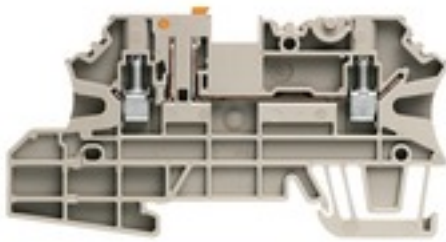
WMF 2.5 DI**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	W-Series, Test-disconnect terminal, Rated cross-section: 2.5 mm ² , Screw connection
Order No.	1143020000
Type	WMF 2.5 DI
GTIN (EAN)	4032248926138
Qty.	50 pc(s).

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Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	44.5 mm	Depth (inches)	1.752 inch
Depth including DIN rail	45 mm	Height	88 mm
Height (inches)	3.465 inch	Width	5.08 mm
Width (inches)	0.2 inch	Net weight	10.7 g

Temperatures

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

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1389U	Certificate No. (IECEX)	IECEXUL14.0097U
Max. voltage (ATEX)	500 V	Current (ATEX)	20 A
Wire cross section max. (ATEX)	2.5 mm ²	Max. voltage (IECEX)	500 V
Current (IECEX)	20 A	Wire cross section max. (IECEX)	2.5 mm ²
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 3 G D

System specifications

Version	Screw connection, Spacer, for plug-in cross- connector, One end without connector	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	2
Rail	TS 35		

Additional technical data

Open sides	right	Type of mounting	Snap-on
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CSA rating data

Certificate No. (CSA)	200039-1057878	Current size B (CSA)	19 A
Current size D (CSA)	15 A	Voltage size B (CSA)	300 V
Voltage size D (CSA)	150 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

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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	2	Stripping length	10 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Type of connection	Screw 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, min.	0.5 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, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	Pivoting		

General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated current	20 A	Current at maximum wires	20 A
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	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693	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)	19 A
Current size C (cURus)	19 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
Wire cross section min. (cURus)	26 AWG		

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3

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Technical data

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ECLASS 9.0	27-14-11-26
ECLASS 9.1	27-14-11-26	ECLASS 10.0	27-14-11-26
ECLASS 11.0	27-14-11-26		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity ATEX Certificate IECEx Certificate AEx nA Certificate EAC certificate EAC EX Certificate CCC Ex Certificate CE Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_WMf.pdf NTI WMF 2.5 DI.pdf StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

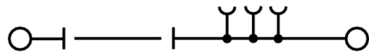
Data sheet

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Drawings



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Accessories

End plates



DCS marshalling

Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

General ordering data

Type	AP WMF2.5	Version
Order No.	1142990000	W-Series, End plate
GTIN (EAN)	4032248925889	
Qty.	50 pc(s).	

Fuse holder



DCS marshalling

Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

General ordering data

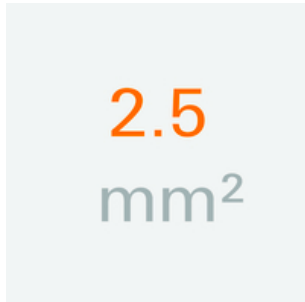
Type	FUCR 100-250V SW	Version
Order No.	1167680000	Accessories, Fuse holder, Rated cross-section: Direct mounting
GTIN (EAN)	4032248113897	
Qty.	10 pc(s).	
Type	FUCR SW	Version
Order No.	1167630000	Accessories, Fuse holder, Rated cross-section: Direct mounting
GTIN (EAN)	4032248113903	
Qty.	10 pc(s).	
Type	FUCR 10-36V SW	Version
Order No.	1167640000	Accessories, Fuse holder, Rated cross-section: Direct mounting
GTIN (EAN)	4032248113972	
Qty.	10 pc(s).	

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Accessories

2.5 mm²

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 2.5N/2 BL
Order No.	1527740000
GTIN (EAN)	4050118448658
Qty.	60 pc(s).
Type	ZQV 2.5N/5 BL
Order No.	1527790000
GTIN (EAN)	4050118448627
Qty.	20 pc(s).
Type	ZQV 2.5N/6
Order No.	1527630000
GTIN (EAN)	4050118448429
Qty.	20 pc(s).
Type	ZQV 2.5N/20 RD
Order No.	2108920000
GTIN (EAN)	4050118485899
Qty.	20 pc(s).
Type	ZQV 2.5N/3 RD
Order No.	2108690000
GTIN (EAN)	4050118448535
Qty.	60 pc(s).
Type	ZQV 2.5N/10
Order No.	1527690000
GTIN (EAN)	4050118447989
Qty.	20 pc(s).
Type	ZQV 2.5N/8
Order No.	1527670000
GTIN (EAN)	4050118448405
Qty.	20 pc(s).
Type	ZQV 2.5N/9 RD
Order No.	2108900000
GTIN (EAN)	4050118448474
Qty.	20 pc(s).
Type	ZQV 2.5N/4 RD
Order No.	2108700000
GTIN (EAN)	4050118448528
Qty.	60 pc(s).
Type	ZQV 2.5N/7
Order No.	1527640000
GTIN (EAN)	4050118448412
Qty.	20 pc(s).

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Accessories

Type	ZQV 2.5N/9
Order No.	1527680000
GTIN (EAN)	4050118447996
Qty.	20 pc(s).
Type	ZQV 2.5N/3
Order No.	1527570000
GTIN (EAN)	4050118448450
Qty.	60 pc(s).
Type	ZQV 2.5N/6 BL
Order No.	1527820000
GTIN (EAN)	4050118448610
Qty.	20 pc(s).
Type	ZQV 2.5N/8 BL
Order No.	1527840000
GTIN (EAN)	4050118448597
Qty.	20 pc(s).
Type	ZQV 2.5N/4
Order No.	1527590000
GTIN (EAN)	4050118448443
Qty.	60 pc(s).
Type	ZQV 2.5N/8 RD
Order No.	2108870000
GTIN (EAN)	4050118448481
Qty.	20 pc(s).
Type	ZQV 2.5N/4 BL
Order No.	1527780000
GTIN (EAN)	4050118448634
Qty.	60 pc(s).
Type	ZQV 2.5N/50 BL
Order No.	1527920000
GTIN (EAN)	4050118448559
Qty.	5 pc(s).
Type	ZQV 2.5N/10 RD
Order No.	2108910000
GTIN (EAN)	4050118486018
Qty.	20 pc(s).
Type	ZQV 2.5N/2
Order No.	1527540000
GTIN (EAN)	4050118448467
Qty.	60 pc(s).
Type	ZQV 2.5N/5
Order No.	1527620000
GTIN (EAN)	4050118448436
Qty.	20 pc(s).
Type	ZQV 2.5N/50 RD
Order No.	2109000000
GTIN (EAN)	4050118486001
Qty.	5 pc(s).
Type	ZQV 2.5N/9 BL
Order No.	1527870000
GTIN (EAN)	4050118448580
Qty.	20 pc(s).

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8

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Accessories

Type	ZQV 2.5N/10 BL
Order No.	1527880000
GTIN (EAN)	4050118448573
Qty.	20 pc(s).
Type	ZQV 2.5N/50
Order No.	1527730000
GTIN (EAN)	4050118411362
Qty.	5 pc(s).
Type	ZQV 2.5N/6 RD
Order No.	2108720000
GTIN (EAN)	4050118448504
Qty.	20 pc(s).
Type	ZQV 2.5N/3 BL
Order No.	1527770000
GTIN (EAN)	4050118448641
Qty.	60 pc(s).
Type	ZQV 2.5N/7 BL
Order No.	1527830000
GTIN (EAN)	4050118448603
Qty.	20 pc(s).
Type	ZQV 2.5N/7 RD
Order No.	2108810000
GTIN (EAN)	4050118448498
Qty.	20 pc(s).
Type	ZQV 2.5N/20 BL
Order No.	1527890000
GTIN (EAN)	4050118448566
Qty.	20 pc(s).
Type	ZQV 2.5N/20
Order No.	1527720000
GTIN (EAN)	4050118447972
Qty.	20 pc(s).
Type	ZQV 2.5N/2 RD
Order No.	2108470000
GTIN (EAN)	4050118448542
Qty.	60 pc(s).
Type	ZQV 2.5N/5 RD
Order No.	2108710000
GTIN (EAN)	4050118448511
Qty.	20 pc(s).

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Accessories

W-Series

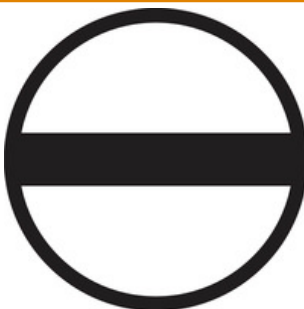


Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	WEW 35/2	Version
Order No.	1061200000	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	9008330000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056286	
Qty.	1 pc(s).	

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Accessories

Fuse holder



The fuse holder SIHA quickly turns a disconnect terminal into a fuse terminal: simply remove the disconnect lever and attach the fuse unit.

General ordering data

Type	SIHA 3/G20/LD 10-36V	Version
Order No.	7921570000	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322503	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 140-250V	Version
Order No.	7921600000	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322633	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	
Type	SIHA 3/G20	Version
Order No.	7921560000	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248264643	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 10/5 M MC NE WS	Version
Order No.	1792000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4032248223862	Allen-Bradley, white
Qty.	720 pc(s).	

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Accessories

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

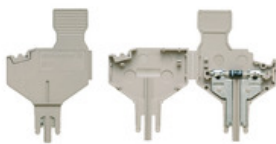
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/5 MC NE WS	Version
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

Component plugs



The component plug is used to integrate an electrical component in a disconnect terminal block. After soldering the electronic component, the plug can be integrated into the disconnection area of our disconnect terminal blocks and thus changes the disconnect terminal block into a modular terminal block with integrated electronic component.

General ordering data

Type	BEST/DRBR	Version
Order No.	1878570000	Accessories, Component plug, 22 A
GTIN (EAN)	4032248471508	
Qty.	50 pc(s).	
Type	BEST/D	Version
Order No.	1878560000	Accessories, Component plug, 1 A
GTIN (EAN)	4032248471492	
Qty.	50 pc(s).	

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