

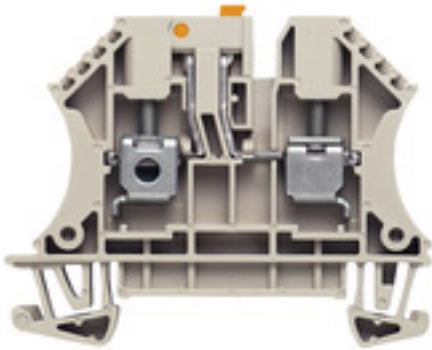
WTR 4**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

General ordering data

Version	Test-disconnect terminal, Screw connection, 4 mm ² , 500 V, 32 A, Pivoting, dark beige
Order No.	7910180000
Type	WTR 4
GTIN (EAN)	4008 190576882
Qty.	50 pc(s).

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Catalogue status 11.03.2022 / We reserve the right to make technical changes.

WTR 4

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Technical data

Dimensions and weights

Depth	48 mm	Depth (inches)	1.89 inch
Depth including DIN rail	49 mm	Height	60 mm
Height (inches)	2.362 inch	Width	6.1 mm
Width (inches)	0.24 inch	Net weight	11.554 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)	400 V	Current (ATEX)	32 A
Wire cross section max. (ATEX)	4	Max. voltage (IECEX)	400 V
Current (IECEX)	32 A	Wire cross section max. (IECEX)	4 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 potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	10 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	22 AWG		

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.22 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	2	Stripping length	13 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 22
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.	4 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.	6 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 10
Wire connection cross section AWG, min.	AWG 22		

Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated current	32 A	Current at maximum wires	32 A
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size D (UR)	10 A
Voltage size D (UR)	300 V		

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		

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity ATEX Certificate IECEX Certificate AEx ec Certificate CB Test Certificate CB 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_WTR4.pdf NTI WTR 4 StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

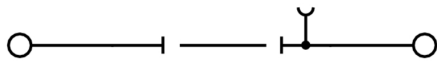
Data sheet

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Drawings



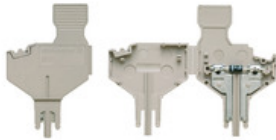
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Accessories

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/D	Version
Order No.	1878560000	Accessories, Component plug, 1 A
GTIN (EAN)	4032248471492	
Qty.	50 pc(s).	
Type	BEST/DRBR	Version
Order No.	1878570000	Accessories, Component plug, 22 A
GTIN (EAN)	4032248471508	
Qty.	50 pc(s).	
Type	BEST	Version
Order No.	1833100000	Accessories, Component plug
GTIN (EAN)	4032248501014	
Qty.	50 pc(s).	

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Accessories

WS 12/6

**WS/ DEK**

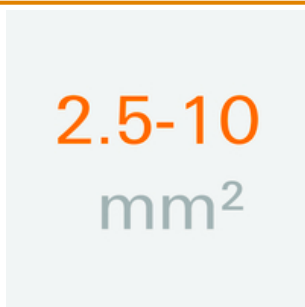
MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	WS 12/6 MM WS	Version
Order No.	2007200000	WS, Terminal marker, 12 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118391886	
Qty.	600 pc(s).	

2.5-10 mm²

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	WAP 2.5-10	Version
Order No.	1050000000	W-Series, End plate
GTIN (EAN)	4008190103149	
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10	Version
Order No.	1050100000	W-Series, End plate, Partition plate
GTIN (EAN)	4008190079901	
Qty.	20 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).	

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Accessories

DEK 5/6

**WS/ DEK**

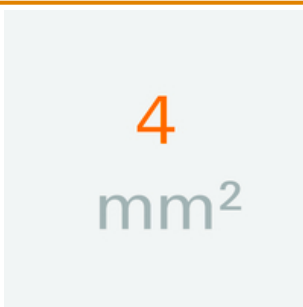
MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	DEK 5/6 MM WS	Version	
Order No.	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white	
GTIN (EAN)	4050118392104		
Qty.	600 pc(s).		

4 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 4N/3 BL
Order No.	1528080000
GTIN (EAN)	4050118333008
Qty.	60 pc(s).
Type	ZQV 4N/4 RD
Order No.	2460800000
GTIN (EAN)	4050118476224
Qty.	60 pc(s).

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Accessories

Type	ZQV 4N/6
Order No.	1527990000
GTIN (EAN)	4050118332919
Qty.	20 pc(s).
Type	ZQV 4N/10 RD
Order No.	2460740000
GTIN (EAN)	4050118476163
Qty.	20 pc(s).
Type	ZQV 4N/6 BL
Order No.	1528170000
GTIN (EAN)	4050118332926
Qty.	20 pc(s).
Type	ZQV 4N/7 BL
Order No.	1528180000
GTIN (EAN)	4050118333114
Qty.	20 pc(s).
Type	ZQV 4N/2
Order No.	1527930000
GTIN (EAN)	4050118332766
Qty.	60 pc(s).
Type	ZQV 4N/5 RD
Order No.	2460790000
GTIN (EAN)	4050118476217
Qty.	60 pc(s).
Type	ZQV 4N/8
Order No.	1528030000
GTIN (EAN)	4050118332841
Qty.	20 pc(s).
Type	ZQV 4N/8 RD
Order No.	2460760000
GTIN (EAN)	4050118476187
Qty.	20 pc(s).
Type	ZQV 4N/2 RD
Order No.	2460450000
GTIN (EAN)	4050118476149
Qty.	60 pc(s).
Type	ZQV 4N/3 RD
Order No.	2460810000
GTIN (EAN)	4050118476231
Qty.	60 pc(s).
Type	ZQV 4N/32
Order No.	2561670000
GTIN (EAN)	4050118570175
Qty.	5 pc(s).
Type	ZQV 4N/30 RD
Order No.	2561600000
GTIN (EAN)	4050118569964
Qty.	5 pc(s).
Type	ZQV 4N/5 BL
Order No.	1528140000
GTIN (EAN)	4050118333015
Qty.	60 pc(s).

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Accessories

Type	ZQV 4N/30 BL
Order No.	2561610000
GTIN (EAN)	4050118569971
Qty.	5 pc(s).
Type	ZQV 4N/5
Order No.	1527980000
GTIN (EAN)	4050118332759
Qty.	60 pc(s).
Type	ZQV 4N/50 RD
Order No.	2460730000
GTIN (EAN)	4050118476156
Qty.	5 pc(s).
Type	ZQV 4N/30
Order No.	2561580000
GTIN (EAN)	4050118570113
Qty.	5 pc(s).
Type	ZQV 4N/4
Order No.	1527970000
GTIN (EAN)	4050118332889
Qty.	60 pc(s).
Type	ZQV 4N/50
Order No.	1528130000
GTIN (EAN)	4050118332902
Qty.	5 pc(s).
Type	ZQV 4N/10 BL
Order No.	1528230000
GTIN (EAN)	4050118333138
Qty.	20 pc(s).
Type	ZQV 4N/9 BL
Order No.	1528220000
GTIN (EAN)	4050118333107
Qty.	20 pc(s).
Type	ZQV 4N/7
Order No.	1528020000
GTIN (EAN)	4050118332780
Qty.	20 pc(s).
Type	ZQV 4N/8 BL
Order No.	1528190000
GTIN (EAN)	4050118332858
Qty.	20 pc(s).
Type	ZQV 4N/6 RD
Order No.	2460780000
GTIN (EAN)	4050118476200
Qty.	20 pc(s).
Type	ZQV 4N/3
Order No.	1527940000
GTIN (EAN)	4050118332865
Qty.	60 pc(s).
Type	ZQV 4N/4 BL
Order No.	1528120000
GTIN (EAN)	4050118332872
Qty.	60 pc(s).

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Data sheet

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Accessories

Type	ZQV 4N/9 RD
Order No.	2460750000
GTIN (EAN)	4050118476170
Qty.	20 pc(s).
Type	ZQV 4N/9
Order No.	1528070000
GTIN (EAN)	4050118332797
Qty.	20 pc(s).
Type	ZQV 4N/7 RD
Order No.	2460770000
GTIN (EAN)	4050118476194
Qty.	20 pc(s).
Type	ZQV 4N/10
Order No.	1528090000
GTIN (EAN)	4050118332896
Qty.	20 pc(s).
Type	ZQV 4N/50 BL
Order No.	1528240000
GTIN (EAN)	4050118333121
Qty.	5 pc(s).
Type	ZQV 4N/2 BL
Order No.	1528040000
GTIN (EAN)	4050118332773
Qty.	60 pc(s).

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).		

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Accessories

Disconnect plugs

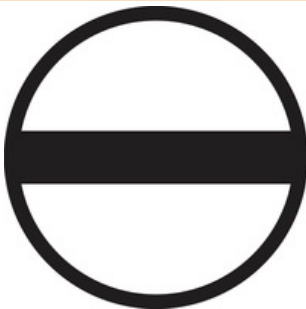


In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

General ordering data

Type	TNST	Version
Order No.	1833090000	Accessories, Disconnect plug, 20 A
GTIN (EAN)	4032248471485	
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

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 5/6 MC NE WS	Version
Order No.	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1,000 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 12/6 MC NE WS	Version
Order No.	1609900000	WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190203467	Allen-Bradley, white
Qty.	600 pc(s).	

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