

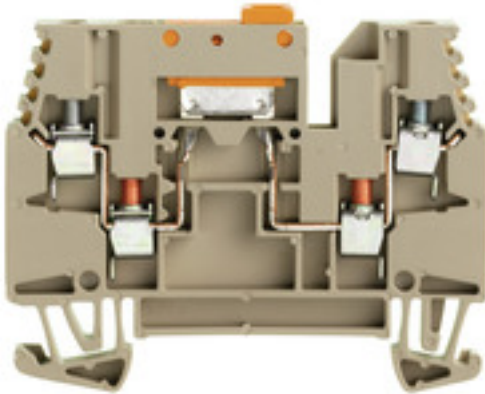
WTR 2.5/ZZ**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Version	Test-disconnect terminal, Screw connection, 2.5 mm ² , 400 V, 16 A, Pivoting, dark beige
Order No.	1039900000
Type	WTR 2.5/ZZ
GTIN (EAN)	4008 1909 12468
Qty.	50 pc(s).

Creation date January 11, 2022 9:43:44 AM CET

Catalogue status 17.12.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Height	60 mm
Height (inches)	2.362 inch	Width	5.1 mm
Width (inches)	0.201 inch	Weight	45.13 g
Net weight	6.53 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Material data

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

System specifications

Version	Twin connection, 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	4	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)	154685-1152890	Current size D (CSA)	10 A
Voltage size D (CSA)	300 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.	0.13 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	4	Stripping length	7 mm
Tightening torque, max.	1 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 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

Dimensions

TS 35 offset	35.5 mm
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Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
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	400 V
Rated current	16 A	Current at maximum wires	16 A
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size B (UR)	10 A
Current size D (UR)	10 A	Voltage size B (UR)	300 V
Voltage size D (UR)	300 V		

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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	EAC 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	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

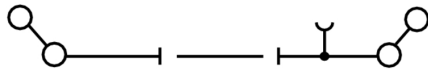
Data sheet

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Drawings



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Accessories

Fuse holder

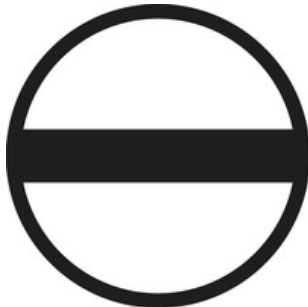


The fuse holder SIHA quickly turns a disconnect terminal into a fuse terminal: simply remove the disconnect lever and attach the fuse unit.

General ordering data

Type	SIHA 1/G20	Version
Order No.	9537550000	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4008190118686	Wemid, dark beige, Direct mounting
Qty.	25 pc(s).	
Type	SIHA 1/G20 10-36V	Version
Order No.	9537560000	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4008190125066	Wemid, dark beige, Direct mounting
Qty.	25 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

2.5 mm²

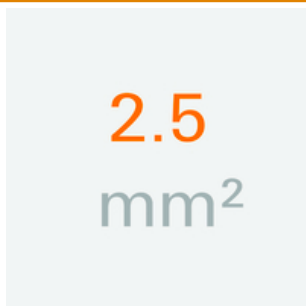


The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 2.5N/2 GE	Version
Order No.	1693800000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883621	
Qty.	60 pc(s).	
Type	ZQV 2.5N/3 GE	Version
Order No.	1693810000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883645	
Qty.	60 pc(s).	
Type	ZQV 2.5N/10 GE	Version
Order No.	1693880000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883720	
Qty.	20 pc(s).	
Type	ZQV 2.5N/4 GE	Version
Order No.	1693820000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883652	
Qty.	60 pc(s).	

2.5 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 WTR2.5/ZZ	Version
Order No.	1074600000	W-Series, End plate
GTIN (EAN)	4008190330323	
Qty.	20 pc(s).	

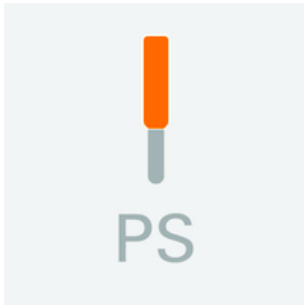
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Accessories

Test plugs



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	PS 2.3 RT	Version
Order No.	0180400000	Accessories, Test plug
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

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).	

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Accessories

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.

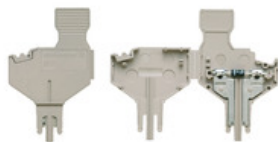
- Can be fitted in strips or individually
- Markers in proven MultiCard format

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 12/5 MC NE WS	Version
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 pc(s).	

Component plugs



The component plug is used to integrate an electrical plug 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	WSD 2.5/D+/- WTR2.5	Version
Order No.	1058460000	W-Series, Component plug, Rated cross-section: Plug-in connection,
GTIN (EAN)	4008190025021	dark beige
Qty.	25 pc(s).	
Type	WSD 2.5/D-/ + WTR2.5	Version
Order No.	1058560000	W-Series, Component plug, Rated cross-section: Plug-in connection,
GTIN (EAN)	4008190087371	dark beige
Qty.	25 pc(s).	
Type	WSD 2.5/SCAN WTR2.5	Version
Order No.	1058760000	W-Series, Component plug, Rated cross-section: Plug-in connection,
GTIN (EAN)	4008190028398	dark beige
Qty.	25 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/10 RD
 Order No. [2108910000](#)
 GTIN (EAN) 4050118486018
 Qty. 20 pc(s).

Type ZQV 2.5N/10 BL
 Order No. [1527880000](#)
 GTIN (EAN) 4050118448573
 Qty. 20 pc(s).

Type ZQV 2.5N/10
 Order No. [1527690000](#)
 GTIN (EAN) 4050118447989
 Qty. 20 pc(s).

Type ZQV 2.5N/20 RD
 Order No. [2108920000](#)
 GTIN (EAN) 4050118485899
 Qty. 20 pc(s).

Type ZQV 2.5N/2 RD
 Order No. [2108470000](#)
 GTIN (EAN) 4050118448542
 Qty. 60 pc(s).

Type ZQV 2.5N/9
 Order No. [1527680000](#)
 GTIN (EAN) 4050118447996
 Qty. 20 pc(s).

Type ZQV 2.5N/2 BL
 Order No. [1527740000](#)
 GTIN (EAN) 4050118448658
 Qty. 60 pc(s).

Type ZQV 2.5N/9 BL
 Order No. [1527870000](#)
 GTIN (EAN) 4050118448580
 Qty. 20 pc(s).

Type ZQV 2.5N/4 BL
 Order No. [1527780000](#)
 GTIN (EAN) 4050118448634
 Qty. 60 pc(s).

Type ZQV 2.5N/6
 Order No. [1527630000](#)
 GTIN (EAN) 4050118448429
 Qty. 20 pc(s).

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Accessories

Type	ZQV 2.5N/7 RD
Order No.	2108810000
GTIN (EAN)	4050118448498
Qty.	20 pc(s).
Type	ZQV 2.5N/8 BL
Order No.	1527840000
GTIN (EAN)	4050118448597
Qty.	20 pc(s).
Type	ZQV 2.5N/3
Order No.	1527570000
GTIN (EAN)	4050118448450
Qty.	60 pc(s).
Type	ZQV 2.5N/9 RD
Order No.	2108900000
GTIN (EAN)	4050118448474
Qty.	20 pc(s).
Type	ZQV 2.5N/50 RD
Order No.	2109000000
GTIN (EAN)	4050118486001
Qty.	5 pc(s).
Type	ZQV 2.5N/20
Order No.	1527720000
GTIN (EAN)	4050118447972
Qty.	20 pc(s).
Type	ZQV 2.5N/3 BL
Order No.	1527770000
GTIN (EAN)	4050118448641
Qty.	60 pc(s).
Type	ZQV 2.5N/5 RD
Order No.	2108710000
GTIN (EAN)	4050118448511
Qty.	20 pc(s).
Type	ZQV 2.5N/5
Order No.	1527620000
GTIN (EAN)	4050118448436
Qty.	20 pc(s).
Type	ZQV 2.5N/7
Order No.	1527640000
GTIN (EAN)	4050118448412
Qty.	20 pc(s).
Type	ZQV 2.5N/8
Order No.	1527670000
GTIN (EAN)	4050118448405
Qty.	20 pc(s).
Type	ZQV 2.5N/8 RD
Order No.	2108870000
GTIN (EAN)	4050118448481
Qty.	20 pc(s).
Type	ZQV 2.5N/3 RD
Order No.	2108690000
GTIN (EAN)	4050118448535
Qty.	60 pc(s).

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Accessories

Type	ZQV 2.5N/7 BL
Order No.	1527830000
GTIN (EAN)	4050118448603
Qty.	20 pc(s).
Type	ZQV 2.5N/4 RD
Order No.	2108700000
GTIN (EAN)	4050118448528
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 BL
Order No.	1527820000
GTIN (EAN)	4050118448610
Qty.	20 pc(s).
Type	ZQV 2.5N/2
Order No.	1527540000
GTIN (EAN)	4050118448467
Qty.	60 pc(s).
Type	ZQV 2.5N/50 BL
Order No.	1527920000
GTIN (EAN)	4050118448559
Qty.	5 pc(s).
Type	ZQV 2.5N/20 BL
Order No.	1527890000
GTIN (EAN)	4050118448566
Qty.	20 pc(s).
Type	ZQV 2.5N/6 RD
Order No.	2108720000
GTIN (EAN)	4050118448504
Qty.	20 pc(s).
Type	ZQV 2.5N/4
Order No.	1527590000
GTIN (EAN)	4050118448443
Qty.	60 pc(s).
Type	ZQV 2.5N/50
Order No.	1527730000
GTIN (EAN)	4050118411362
Qty.	5 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).	

WS 12/5



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 12/5 MM WS	Version
Order No.	2007190000	WS, Terminal marker, 12 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392036	
Qty.	800 pc(s).	

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