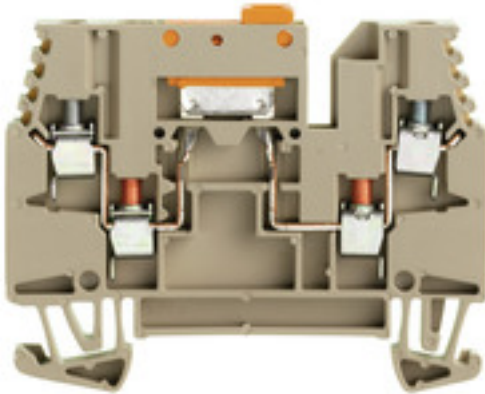


W-Series
WTR 2.5/ZZ**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

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

Type	WTR 2.5/ZZ
Order No.	1039900000
Version	Test-disconnect terminal, Screw connection, 2.5 mm ² , 400 V, 16 A, Pivoting, dark beige
GTIN (EAN)	4008 1909 12468
Qty.	100 pc(s).

W-Series
WTR 2.5/ZZ

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Technical data**Dimensions and weights**

Width	5.1 mm	Width (inches)	0.201 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Weight	45.13 g
Net weight	12.6 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		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

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

Dimensions

TS 35 offset	35.5 mm
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Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	Pivoting		

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	Power loss in accordance with IEC 60947-7-x	0.77 W
Rated impulse withstand voltage	6 kV	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		

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26
eClass 10.0	27-14-11-26	UNSPSC	30-21-18-11

Data sheet**W-Series
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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1002_20160418_1029_ISSUE01.pdf](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

Engineering Data

[STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)**Safety note**

Safety notice

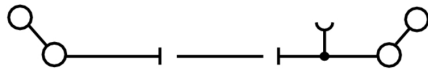
[Safety Information](#)

Data sheet

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Drawings



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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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo 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).	

Diode plugs



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

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).	
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).	

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Accessories

Test plug



Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

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

ZQV 2.5N



Spring connection with tension clamp Technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

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).	
Type	ZQV 2.5N/2 GE	Version
Order No.	1693800000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883621	
Qty.	60 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).		

End brackets



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

Type	WEW 35/2	Version	
Order No.	1061200000	W-Series, End bracket	
GTIN (EAN)	4008190030230		
Qty.	100 pc(s).		

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Accessories

End plates



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	WAP WTR2.5/ZZ	Version
Order No.	1074600000	W-Series, End plate
GTIN (EAN)	4008190330323	
Qty.	20 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, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm
GTIN (EAN)	4032248056286	
Qty.	1 pc(s).	

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Accessories**ZQV 2.5N****Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Type	ZQV 2.5N/8 BL
Order No.	1527840000
GTIN (EAN)	4050118448597
Qty.	20 pc(s).
Type	ZQV 2.5N/6 RD
Order No.	2108720000
GTIN (EAN)	4050118448504
Qty.	20 pc(s).
Type	ZQV 2.5N/8
Order No.	1527670000
GTIN (EAN)	4050118448405
Qty.	20 pc(s).
Type	ZQV 2.5N/2
Order No.	1527540000
GTIN (EAN)	4050118448467
Qty.	60 pc(s).
Type	ZQV 2.5N/10 BL
Order No.	1527880000
GTIN (EAN)	4050118448573
Qty.	20 pc(s).
Type	ZQV 2.5N/7
Order No.	1527640000
GTIN (EAN)	4050118448412
Qty.	20 pc(s).
Type	ZQV 2.5N/50
Order No.	1527730000
GTIN (EAN)	4050118411362
Qty.	5 pc(s).
Type	ZQV 2.5N/20 BL
Order No.	1527890000
GTIN (EAN)	4050118448566
Qty.	20 pc(s).
Type	ZQV 2.5N/4 RD
Order No.	2108700000
GTIN (EAN)	4050118448528
Qty.	60 pc(s).
Type	ZQV 2.5N/9
Order No.	1527680000
GTIN (EAN)	4050118447996
Qty.	20 pc(s).

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Accessories

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

Type ZQV 2.5N/3
Order No. [1527570000](#)
GTIN (EAN) 4050118448450
Qty. 60 pc(s).

Type ZQV 2.5N/10 RD
Order No. [2108910000](#)
GTIN (EAN) 4050118486018
Qty. 20 pc(s).

Type ZQV 2.5N/4
Order No. [1527590000](#)
GTIN (EAN) 4050118448443
Qty. 60 pc(s).

Type ZQV 2.5N/5
Order No. [1527620000](#)
GTIN (EAN) 4050118448436
Qty. 20 pc(s).

Type ZQV 2.5N/5 RD
Order No. [2108710000](#)
GTIN (EAN) 4050118448511
Qty. 20 pc(s).

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

Type ZQV 2.5N/3 BL
Order No. [1527770000](#)
GTIN (EAN) 4050118448641
Qty. 60 pc(s).

Type ZQV 2.5N/3 RD
Order No. [2108690000](#)
GTIN (EAN) 4050118448535
Qty. 60 pc(s).

Type ZQV 2.5N/20
Order No. [1527720000](#)
GTIN (EAN) 4050118447972
Qty. 20 pc(s).

Type ZQV 2.5N/7 RD
Order No. [2108810000](#)
GTIN (EAN) 4050118448498
Qty. 20 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).

Creation date May 1, 2020 10:03:50 AM CEST

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Accessories

Type ZQV 2.5N/6 BL
Order No. [1527820000](#)
GTIN (EAN) 4050118448610
Qty. 20 pc(s).

Type ZQV 2.5N/7 BL
Order No. [1527830000](#)
GTIN (EAN) 4050118448603
Qty. 20 pc(s).

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

Type ZQV 2.5N/50 BL
Order No. [1527920000](#)
GTIN (EAN) 4050118448559
Qty. 5 pc(s).

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

Type ZQV 2.5N/50 RD
Order No. [2109000000](#)
GTIN (EAN) 4050118486001
Qty. 5 pc(s).

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

Type ZQV 2.5N/9 RD
Order No. [2108900000](#)
GTIN (EAN) 4050118448474
Qty. 20 pc(s).

Type ZQV 2.5N/5 BL
Order No. [1527790000](#)
GTIN (EAN) 4050118448627
Qty. 20 pc(s).

Type ZQV 2.5N/8 RD
Order No. [2108870000](#)
GTIN (EAN) 4050118448481
Qty. 20 pc(s).
