

**W-Series
WDK 2.5/D**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
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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	WDK 2.5/D
Order No.	1023200000
Version	W-Series, Component terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4008 190009380
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Width	5.1 mm	Width (inches)	0.201 inch
Height	69.5 mm	Height (inches)	2.736 inch
Depth	62.5 mm	Depth (inches)	2.461 inch
Depth including DIN rail	63 mm	Weight	14 g
Net weight	11.9 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	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, for screwable cross- connection, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	2
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, 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

Component

Component type	Diode
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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.	0.05 mm ²	Clamping screw	M 2.5
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	10 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.4 Nm
Torque level with DMS electric screwdriver	1	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 26	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

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated current	10 A	Current at maximum wires	10 A
Standards	IEC 60947-7-1	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		

Classifications

ETIM 6.0	EC000903	ETIM 7.0	EC000903
eClass 9.0	27-14-11-27	eClass 9.1	27-14-11-47
eClass 10.0	27-14-11-27	UNSPSC	30-21-18-11

Product information

Product information	The allowed continuous operating temperature must be observed
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Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	DE_PT1081_20160418_694_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

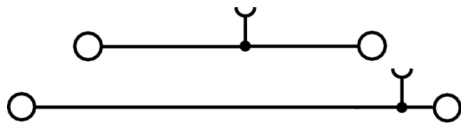
Safety note

Safety notice	Safety Information
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Drawings



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Accessories

Combined screwing and cutting tool "Swiftly®"

Combined cutting/screwing tool: Swiftly® and Swiftly® set for clean cutting of copper cables up to 1.5 mm² (solid) and 2.5 mm² (flexible)



General ordering data

Type	SWIFTY	Version
Order No.	9006020000	Cutting tool for one-hand operation
GTIN (EAN)	4032248257409	
Qty.	1 pc(s).	

WQV 2.5



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	WQV 2.5/32	Version
Order No.	1577600000	W-Series, Cross-connector, For the terminals, Number of poles: 32
GTIN (EAN)	4008190154035	
Qty.	10 pc(s).	
Type	WQV 2.5/8	Version
Order No.	1054260000	W-Series, Cross-connector, For the terminals, Number of poles: 8
GTIN (EAN)	4008190073572	
Qty.	10 pc(s).	
Type	WQV 2.5/15	Version
Order No.	1059660000	W-Series, Cross-connector, For the terminals, Number of poles: 15
GTIN (EAN)	4008190002411	
Qty.	10 pc(s).	
Type	WQV 2.5/4	Version
Order No.	1053860000	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190049706	
Qty.	50 pc(s).	
Type	WQV 2.5/30	Version
Order No.	1067500000	W-Series, Cross-connector, For the terminals, Number of poles: 30
GTIN (EAN)	4008190031107	
Qty.	10 pc(s).	

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Accessories

Type	WQV 2.5/3	Version
Order No.	1053760000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190058999	
Qty.	50 pc(s).	
Type	WQV 2.5/6	Version
Order No.	1054060000	W-Series, Cross-connector, For the terminals, Number of poles: 6
GTIN (EAN)	4008190102272	
Qty.	10 pc(s).	
Type	WQV 2.5/2	Version
Order No.	1053660000	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4008190031121	
Qty.	50 pc(s).	
Type	WQV 2.5/10	Version
Order No.	1054460000	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190135089	
Qty.	20 pc(s).	
Type	WQV 2.5/20	Version
Order No.	1577570000	W-Series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4008190125868	
Qty.	10 pc(s).	
Type	WQV 2.5/5	Version
Order No.	1053960000	W-Series, Cross-connector, For the terminals, Number of poles: 5
GTIN (EAN)	4008190158446	
Qty.	10 pc(s).	
Type	WQV 2.5/7	Version
Order No.	1054160000	W-Series, Cross-connector, For the terminals, Number of poles: 7
GTIN (EAN)	4008190011246	
Qty.	10 pc(s).	

Covers



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General ordering data

Type	WAD 4 GE BED
Order No.	1072000000
GTIN (EAN)	4008190446109
Qty.	50 pc(s).

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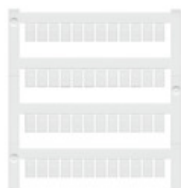
Accessories
End bracket

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General ordering data

Type	EW 35	Version
Order No.	0383560000	Accessories, End bracket
GTIN (EAN)	4008190181314	
Qty.	50 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 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 8/5 MC NE WS	Version
Order No.	1640740000	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190279103	Allen-Bradley, white
Qty.	720 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_ZQV	Version
Order No.	1121740000	Accessories, Test plug
GTIN (EAN)	4032248902675	
Qty.	1 pc(s).	
Type	PS_ZQV_SET	Version
Order No.	1116710000	Accessories, Test plug
GTIN (EAN)	4032248911455	
Qty.	1 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

End brackets



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General ordering data

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

End plates



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General ordering data

Type	WAP WDK2.5 BL	Version
Order No.	1059180000	W-Series, End plate
GTIN (EAN)	4008190081089	
Qty.	20 pc(s).	
Type	WAP WDK2.5	Version
Order No.	1059100000	W-Series, End plate
GTIN (EAN)	4008190101954	
Qty.	20 pc(s).	
Type	WAP WDK2.5 GN	Version
Order No.	1059140000	W-Series, End plate
GTIN (EAN)	4008190901790	
Qty.	20 pc(s).	

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Accessories
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).	

Test adapter

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General ordering data

Type	WTA 4N WDK 2.5	Version
Order No.	1878660000	W-Series, Test adapter
GTIN (EAN)	4032248503285	
Qty.	25 pc(s).	
Type	WTA 4N/ZA WDK 2.5	Version
Order No.	1879350000	W-Series, Test adapter
GTIN (EAN)	4032248503261	
Qty.	25 pc(s).	

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Accessories

Shielding bus



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General ordering data

Type	LS 2.8 WDU2.5-10	Version
Order No.	1056400000	W-Series, Shield bus
GTIN (EAN)	4008190036454	
Qty.	100 pc(s).	