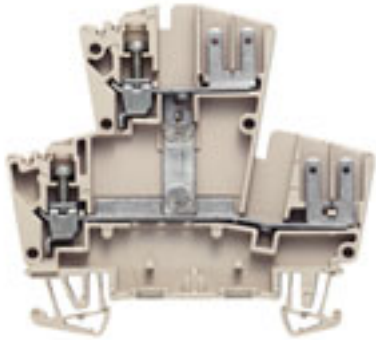


**W-Series
WDK 2.5 FV**

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	WDK 2.5 FV
Order No.	1022400000
Version	W-Series, Double-tier terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4008 19017 1858
Qty.	50 pc(s).

W-Series
WDK 2.5 FV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

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	Net weight	12.35 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	1 plug-in connection - 1 plug-in connection, With cable lug connection F2.8, pluggable, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
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	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	12400-166	Current size B (CSA)	10 A
Current size C (CSA)	10 A	Current size D (CSA)	10 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection Flat-blade connection

W-Series
WDK 2.5 FV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

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 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	2	Stripping length	10 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.4 Nm
Type of connection	Screw connection	Type of connection 2	Flat-blade 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

Other connections

Cable-lug connection	Not slit
----------------------	----------

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated current	12 A	Current at maximum wires	12 A
Standards	IEC 61210, In accordance with 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	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20	UNSPSC	30-21-18-11

Approvals

Approvals



ROHS Conform

Data sheet**W-Series
WDK 2.5 FV**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data**Downloads**

Approval/Certificate/Document of Conformity	DE_PT1041_20160418_666_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	Operating instructions_WDKV_DKV.pdf StorageConditionsTerminalBlocks

Safety note

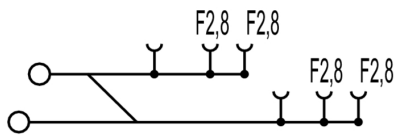
Safety notice	Safety Information
---------------	------------------------------------

Data sheet

W-Series
WDK 2.5 FV

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings



W-Series
WDK 2.5 FV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories
WQV 2.5

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	WQV 2.5/32	Version
Order No.	157760000	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.	105426000	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.	105966000	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.	105386000	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.	106750000	W-Series, Cross-connector, For the terminals, Number of poles: 30
GTIN (EAN)	4008190031107	
Qty.	10 pc(s).	
Type	WQV 2.5/3	Version
Order No.	105376000	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.	105406000	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.	105366000	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.	105446000	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.	157757000	W-Series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4008190125868	
Qty.	10 pc(s).	

Creation date May 1, 2020 7:19:35 AM CEST

Data sheet

W-Series WDK 2.5 FV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

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).	

With lightning flash



The WAD connector marker is suitable for W-series terminals and for the WEW 35/2 and ZEW 35/2 end brackets. The markers are available as blank markers, with custom printing or standard print with lightning symbol. The WAD MultiCard markers are suitable for labelling with PrintJet ADVANCED printers.

- High-quality and resistant printing with PrintJet
- WAD marker and cover for the W-series terminals and the WEW 35/2 or ZEW 35/2 end brackets
- Available as blank markers, with custom printing or standard print with lightning symbol
- Quick and easy installation

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	WAD 5 MC B GE/SW	Version
Order No.	1120450000	Group markers, Cover, 33.3 x 5 mm, Pitch in mm (P): 5.00 yellow
GTIN (EAN)	4032248901272	
Qty.	48 pc(s).	

W-Series WDK 2.5 FV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

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.

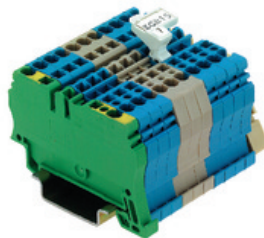
- Can be fitted in strips or individually
- Markers in proven MultiCard format

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 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).	

ZGB pivotable group tag holder



The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.

The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.

Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	ZGB 30/3.5	Version
Order No.	1778290000	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248161065	white
Qty.	20 pc(s).	
Type	ZGB 30	Version
Order No.	1611930000	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190002251	white
Qty.	20 pc(s).	
Type	ZGB 15	Version
Order No.	1636530000	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190297053	Weidmueller, white
Qty.	20 pc(s).	

**W-Series
WDK 2.5 FV**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

Insulation sleeve



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	IH 2.8 DB	Version
Order No.	0386060000	W-Series, Insulating sleeve
GTIN (EAN)	4008190043414	
Qty.	100 pc(s).	

Cutting and notching tools for cross-connections



- for Weidmüller Z-Series cross-connections
- for cross-connections from WQV 2.5 to WQV 35
- for cross-connection window of the terminal WSI 6

General ordering data

Type	WAW 1 NEUTRAL	Version
Order No.	9004500000	Miscellaneous tools
GTIN (EAN)	4008190053925	
Qty.	1 pc(s).	

W-Series WDK 2.5 FV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

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).	

WQB A



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	WQB A/24	Version
Order No.	1579000000	W-Series, Cross-connector, For the terminals, Number of poles: 24
GTIN (EAN)	4008190134211	
Qty.	20 pc(s).	

**W-Series
WDK 2.5 FV**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

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).	

Holding plates



Building installation wiring

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Type	HP 3 ADP3	Version
Order No.	0485760000	SAK Series, Fixing plate, beige, 3 mm
GTIN (EAN)	4008190030254	
Qty.	20 pc(s).	

W-Series WDK 2.5 FV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

End plates



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	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).	

Shielding bus



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