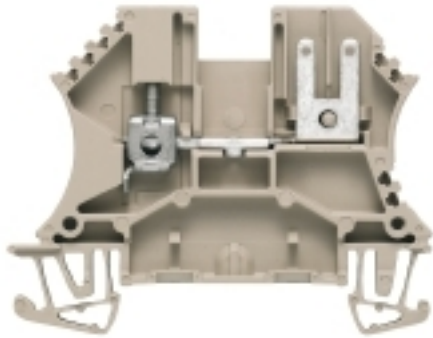


WDU 2.5 F 2X2.8**Weidmüller Interface GmbH & Co. KG**

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	W-Series, Feed-through terminal, Rated cross-section: 2.5 mm ² , Screw connection
Order No.	1021800000
Type	WDU 2.5 F 2X2.8
GTIN (EAN)	4008190046811
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Depth	46.25 mm	Depth (inches)	1.821 inch
Depth including DIN rail	47 mm	Height	60 mm
Height (inches)	2.362 inch	Width	5.1 mm
Width (inches)	0.201 inch	Net weight	7.45 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		

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	1
Number of clamping points per level	1	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	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	12400-135	Current size C (CSA)	10 A
Voltage size C (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
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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 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.	0.8 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 30
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

General

Rail	TS 35	Standards	IEC 61210, In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 30

Other connections

Cable-lug connection	Not slit
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 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
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)	22 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size B (UR)	16 A
Current size C (UR)	16 A	Voltage size B (UR)	250 V
Voltage size C (UR)	300 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20		

Creation date January 18, 2022 4:38:16 PM CET

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Technical data**Approvals**

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate NEMKO certificate Lloyds Register 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	

WDU 2.5 F 2X2.8

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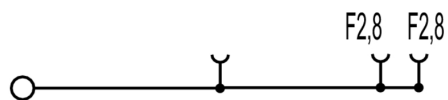
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Drawings



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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).	

WDU 2.5 F 2X2.8

Weidmüller Interface GmbH & Co. KG

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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.

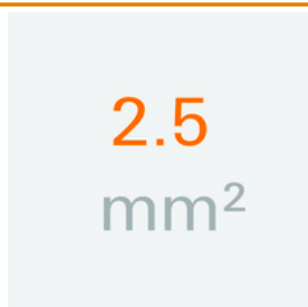
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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).	

2.5 mm²

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

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 2.5/30	Version
Order No.	1067500000	W-Series, Cross-connector, For the terminals, Number of poles: 30
GTIN (EAN)	4008190031107	
Qty.	10 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).	

WDU 2.5 F 2X2.8

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Accessories

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 2.5/3	Version
Order No.	1053760000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190058999	
Qty.	50 pc(s).	
Type	WQV 2.5/5	Version
Order No.	1053960000	W-Series, Cross-connector, For the terminals, Number of poles: 5
GTIN (EAN)	4008190158446	
Qty.	10 pc(s).	
Type	WQV 2.5/10	Version
Order No.	1054460000	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190135089	
Qty.	20 pc(s).	
Type	WQV 2.5/4	Version
Order No.	1053860000	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190049706	
Qty.	50 pc(s).	
Type	WQV 2.5/7	Version
Order No.	1054160000	W-Series, Cross-connector, For the terminals, Number of poles: 7
GTIN (EAN)	4008190011246	
Qty.	10 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 2.5/15	Version
Order No.	1059660000	W-Series, Cross-connector, For the terminals, Number of poles: 15
GTIN (EAN)	4008190002411	
Qty.	10 pc(s).	
Type	WQV 2.5/2	Version
Order No.	1053660000	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4008190031121	
Qty.	50 pc(s).	

WDU 2.5 F 2X2.8

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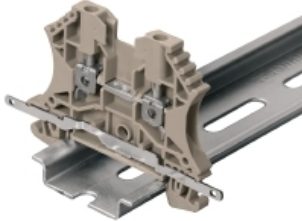
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Accessories

Shielding connection



Shielding and earthing

Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.

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).	

2.5-10 mm²

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 GR	Version
Order No.	1050050000	W-Series, End plate
GTIN (EAN)	4008190455484	
Qty.	50 pc(s).	
Type	WAP 2.5-10 GN	Version
Order No.	1072200000	W-Series, End plate
GTIN (EAN)	4008190455491	
Qty.	50 pc(s).	
Type	WAP 2.5-10 BR	Version
Order No.	1050070000	W-Series, End plate
GTIN (EAN)	4008190455507	
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10 BL	Version
Order No.	1050180000	W-Series, End plate, Partition plate
GTIN (EAN)	4008190013899	
Qty.	20 pc(s).	
Type	WAP 2.5-10 BL	Version
Order No.	1050080000	W-Series, End plate
GTIN (EAN)	4008190136611	
Qty.	50 pc(s).	

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Accessories

Type	WAP 2.5-10 GE	Version
Order No.	1050020000	W-Series, End plate
GTIN (EAN)	4008190406776	
Qty.	50 pc(s).	
Type	WAP 2.5-10 OR	Version
Order No.	1050060000	W-Series, End plate
GTIN (EAN)	4008190406769	
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).	
Type	WAP 2.5-10 RT	Version
Order No.	1050040000	W-Series, End plate
GTIN (EAN)	4008190406783	
Qty.	50 pc(s).	
Type	WAP 2.5-10 WS	Version
Order No.	1050090000	W-Series, End plate
GTIN (EAN)	4008190406790	
Qty.	50 pc(s).	
Type	WAP 2.5-10	Version
Order No.	1050000000	W-Series, End plate
GTIN (EAN)	4008190103149	
Qty.	50 pc(s).	
Type	WAP 2.5-10 VI	Version
Order No.	1072210000	W-Series, End plate
GTIN (EAN)	4008190455460	
Qty.	50 pc(s).	
Type	WAP 2.5-10 SW	Version
Order No.	1050010000	W-Series, End plate
GTIN (EAN)	4008190406806	
Qty.	50 pc(s).	

WDU 2.5 F 2X2.8**Weidmüller Interface GmbH & Co. KG**

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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 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).	

Mouser Electronics

Authorized Distributor

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