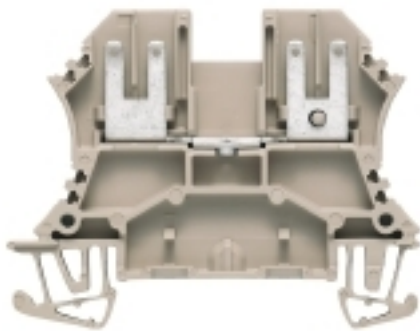


WDU 2.5 FF 2X2.8**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Are you looking for an interface from electrical engineering to electronics? To be able to feed through to the electronic devices on the panel sometimes a solder connection or a standard pluggable solution is appropriate.

General ordering data

Version	W-Series, Feed-through terminal, Rated cross-section: 1 mm ² , Flat-blade connection
Order No.	1021900000
Type	WDU 2.5 FF 2X2.8
GTIN (EAN)	4008190138516
Qty.	100 pc(s).

WDU 2.5 FF 2X2.8

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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	6.93 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	With cable lug connection F2.8, Both sides, plug-gable, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	0	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

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)	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

Conductors for clamping (rated connection)

Clamping range, max.	1 mm ²	Connection direction	top
Number of connections	4	Type of connection	Flat-blade connection

General

Rail	TS 35	Standards	IEC 61210, In accordance with IEC 60947-7-1
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Other connections

Cable-lug connection	Not slit
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Technical data

Rating data

Rated cross-section	1 mm ²	Rated voltage	500 V
Rated DC 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	2.37 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.43 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	14 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	14 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	ETIM 9.0	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
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Downloads

Approval/Certificate/Document of Conformity	NEMKO certificate Lloyds Register Certificate CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	Storage Conditions Terminal Blocks
Catalogues	Catalogues in PDF-format
Brochures	

WDU 2.5 FF 2X2.8

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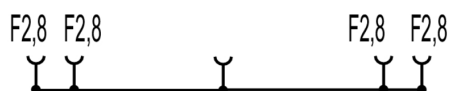
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Drawings



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Accessories

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 OR	Version
Order No.	1050060000	End plate (terminals), orange, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190406769	Wemid
Qty.	50 pc(s).	
Type	WAP 2.5-10 BL	Version
Order No.	1050080000	End plate (terminals), blue, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190136611	Wemid
Qty.	50 pc(s).	
Type	WAP 2.5-10 BR	Version
Order No.	1050070000	End plate (terminals), brown, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190455507	Wemid
Qty.	50 pc(s).	
Type	WAP 2.5-10 RT	Version
Order No.	1050040000	End plate (terminals), red, Height: 56 mm, Width: 1.5 mm, V-0, Wemid
GTIN (EAN)	4008190406783	
Qty.	50 pc(s).	
Type	WAP 2.5-10 GR	Version
Order No.	1050050000	End plate (terminals), grey, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190455484	Wemid
Qty.	50 pc(s).	
Type	WAP 2.5-10	Version
Order No.	1050000000	End plate (terminals), dark beige, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190103149	Wemid
Qty.	50 pc(s).	
Type	WAP 2.5-10 GE	Version
Order No.	1050020000	End plate (terminals), yellow, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190406776	Wemid
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10 BL	Version
Order No.	1050180000	End and partition plate for terminals, blue, Height: 56 mm, Width: 1.5
GTIN (EAN)	4008190013899	mm, V-0, Wemid
Qty.	20 pc(s).	
Type	WAP 2.5-10 GN	Version
Order No.	1072200000	End plate (terminals), green, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190455491	Wemid
Qty.	50 pc(s).	
Type	WAP 2.5-10 SW	Version
Order No.	1050010000	End plate (terminals), black, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190406806	Wemid
Qty.	50 pc(s).	

Creation date July 25, 2024 7:20:11 PM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

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Accessories

Type	WAP 2.5-10 WS	Version
Order No.	1050090000	End plate (terminals), white, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190406790	Wemid
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10	Version
Order No.	1050100000	End and partition plate for terminals, dark beige, Height: 56 mm,
GTIN (EAN)	4008190079901	Width: 1.5 mm, V-0, Wemid
Qty.	20 pc(s).	
Type	WAP 2.5-10 VI	Version
Order No.	1072210000	End plate (terminals), violet, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190455460	Wemid
Qty.	50 pc(s).	

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 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).	

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	End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

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Accessories

Blank



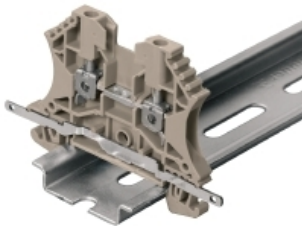
The WAD connector marker is suitable for W-series terminals and for the WEW 35/2 and ZEW 35/2 end brackets. The markers are available as blank markers, with custom printing or standard print with lightning symbol. The WAD MultiCard markers are suitable for labelling with PrintJet CONNECT printers.

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 NE WS	Version
Order No.	1112910000	Group markers, Cover, 33.3 x 5 mm, Pitch in mm (P): 5.00 WDU 2.5,
GTIN (EAN)	4032248891689	WEW 35/2, ZEW 35/2, white
Qty.	48 pc(s).	

Shielding connection



With the LS 2.8 WDU2.5-10, many feed-through modular terminal blocks from the W series can be converted very easily. Inserting the LS 2.8 WDU2.5-10 allows the cable shielding braid to be looped through directly at the terminal block by soldering or using a suitable flat cable lug.

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).	

WDU 2.5 FF 2X2.8

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Accessories

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).	

2.5 mm²


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 2.5/10	Version
Order No.	1054460000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of poles: 10, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
GTIN (EAN)	4008190135089	
Qty.	20 pc(s).	
Type	WQV 2.5/32	Version
Order No.	1577600000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of poles: 32, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
GTIN (EAN)	4008190154035	
Qty.	10 pc(s).	

WDU 2.5 FF 2X2.8

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Accessories

Type	WQV 2.5/3	Version
Order No.	1053760000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190058999	poles: 3, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	50 pc(s).	
Type	WQV 2.5/7	Version
Order No.	1054160000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190011246	poles: 7, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	10 pc(s).	
Type	WQV 2.5/6	Version
Order No.	1054060000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190102272	poles: 6, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	10 pc(s).	
Type	WQV 2.5/4	Version
Order No.	1053860000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190049706	poles: 4, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	50 pc(s).	
Type	WQV 2.5/8	Version
Order No.	1054260000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190073572	poles: 8, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	10 pc(s).	
Type	WQV 2.5/2	Version
Order No.	1053660000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190031121	poles: 2, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	50 pc(s).	
Type	WQV 2.5/5	Version
Order No.	1053960000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190158446	poles: 5, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	10 pc(s).	
Type	WQV 2.5/15	Version
Order No.	1059660000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190002411	poles: 15, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	10 pc(s).	
Type	WQV 2.5/30	Version
Order No.	1067500000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190031107	poles: 30, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	10 pc(s).	
Type	WQV 2.5/20	Version
Order No.	1577570000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190125868	poles: 20, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	10 pc(s).	

WDU 2.5 FF 2X2.8

Weidmüller Interface GmbH & Co. KG

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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).	

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 CONNECT printers.

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 WDU 2.5,
GTIN (EAN)	4032248901272	WEW 35/2, ZEW 35/2, yellow
Qty.	48 pc(s).	

WDU 2.5 FF 2X2.8

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Accessories

W-Series

The logo for the W-Series, featuring a large orange 'W' above the word 'Series' in a grey sans-serif font.

Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

General ordering data

Type	WAD 4 WS	Version
Order No.	1072100000	Terminal cover, white, PA 66, Height: 19.8 mm, Width: 4.5 mm,
GTIN (EAN)	4008190446116	Depth: 9.6 mm, V-2
Qty.	50 pc(s).	
Type	WAD 4 GE BED	Version
Order No.	1072000000	Terminal cover, yellow, PA 66, Height: 19.8 mm, Width: 4.5 mm,
GTIN (EAN)	4008190446109	Depth: 9.6 mm, V-2
Qty.	50 pc(s).	