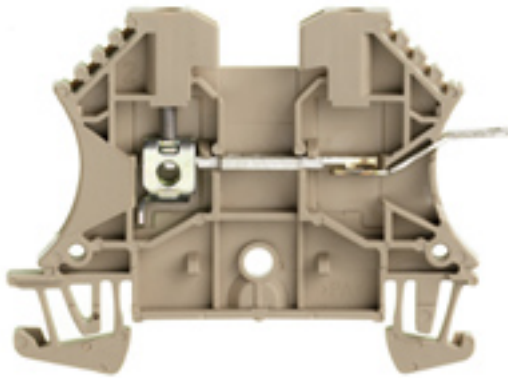


WDU 2.5 SL**Weidmüller Interface GmbH & Co. KG**

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: 2.5 mm ² , Screw connection
Order No.	1022100000
Type	WDU 2.5 SL
GTIN (EAN)	4008190100513
Qty.	100 pc(s).

WDU 2.5 SL

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Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Height	64 mm	Height (inches)	2.52 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	7.48 g		

Temperatures

Storage temperature		Operating temperature range	Rozsah provozní teploty viz EC Design, testovací certifikát / IEC Ex-Osvědčení o shodě
	-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		

Rating data IECEx/ATEX

Operating temperature range	Rozsah provozní teploty viz EC Design, testovací certifikát / IEC Ex-Osvědčení o shodě
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System specifications

Version	Screw connection, Solder connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	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	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

Conductors for clamping (additional connection)

Connection type, additional connection	Solder 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	2	Stripping length	10 mm
Tightening torque, max.	0.8 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 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, 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	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated DC voltage	400 V	Rated current	15 A
Current at maximum wires	15 A	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		

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

Approvals

Approvals



ROHS

Conform

WDU 2.5 SL

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Technical data

Downloads

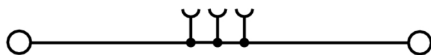
Approval/Certificate/Document of Conformity	CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

WDU 2.5 SL

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Drawings



WDU 2.5 SL

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Accessories

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



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	WTA 2 WDU2.5-10	Version
Order No.	1632320000	Test adapter (terminal), 1.5 mm², 250 V, 6 A
GTIN (EAN)	4008190257347	
Qty.	25 pc(s).	
Type	WTA 2/10 WDU2.5/10	Version
Order No.	1632340000	Test adapter (terminal), 1.5 mm², 250 V, 6 A
GTIN (EAN)	4008190209599	
Qty.	5 pc(s).	
Type	WTA 2/ZA WDU2.5-10	Version
Order No.	1632330000	Test adapter (terminal), 1.5 mm², 250 V, 6 A
GTIN (EAN)	4008190257330	
Qty.	25 pc(s).	

WDU 2.5 SL

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Accessories

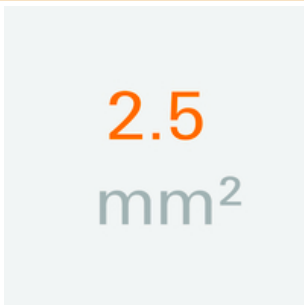
Test plugs



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	PS 2.3 RT	Version
Order No.	0180400000	Test adapter (terminal), 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 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 2.5/32	Version
Order No.	1577600000	Cross-connector (terminal), when screwed in, Number of poles: 32,
GTIN (EAN)	4008190154035	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	10 pc(s).	
Type	WQV 2.5/5	Version
Order No.	1053960000	Cross-connector (terminal), when screwed in, Number of poles: 5,
GTIN (EAN)	4008190158446	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	10 pc(s).	
Type	WQV 2.5/30	Version
Order No.	1067500000	Cross-connector (terminal), when screwed in, Number of poles: 30,
GTIN (EAN)	4008190031107	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	10 pc(s).	
Type	WQV 2.5/7	Version
Order No.	1054160000	Cross-connector (terminal), when screwed in, Number of poles: 7,
GTIN (EAN)	4008190011246	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	10 pc(s).	
Type	WQV 2.5/3	Version
Order No.	1053760000	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190058999	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	50 pc(s).	

WDU 2.5 SL

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Accessories

Type	WQV 2.5/15	Version
Order No.	1059660000	Cross-connector (terminal), when screwed in, Number of poles: 15,
GTIN (EAN)	4008190002411	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	10 pc(s).	
Type	WQV 2.5/10	Version
Order No.	1054460000	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190135089	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	20 pc(s).	
Type	WQV 2.5/4	Version
Order No.	1053860000	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190049706	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	50 pc(s).	
Type	WQV 2.5/8	Version
Order No.	1054260000	Cross-connector (terminal), when screwed in, Number of poles: 8,
GTIN (EAN)	4008190073572	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	10 pc(s).	
Type	WQV 2.5/2	Version
Order No.	1053660000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190031121	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	50 pc(s).	
Type	WQV 2.5/20	Version
Order No.	1577570000	Cross-connector (terminal), when screwed in, Number of poles: 20,
GTIN (EAN)	4008190125868	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	10 pc(s).	
Type	WQV 2.5/6	Version
Order No.	1054060000	Cross-connector (terminal), when screwed in, Number of poles: 6,
GTIN (EAN)	4008190102272	Pitch in mm (P): 5.10, Insulated: Yes, 32 A, yellow
Qty.	10 pc(s).	

Testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	STB 8.5/D4/2.3/M2.5 AKZ	Version
Order No.	0215700000	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 pc(s).	

WDU 2.5 SL

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Accessories

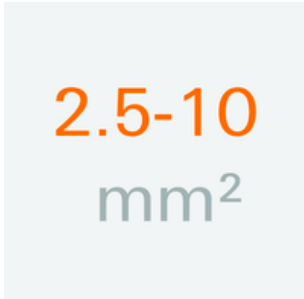
Marker holder



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

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), 56 mm x 1.5 mm, orange
GTIN (EAN)	4008190406769	
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10	Version
Order No.	1050100000	End and partition plate for terminals, End plate, 56 mm x 1.5 mm, dark beige
GTIN (EAN)	4008190079901	
Qty.	20 pc(s).	
Type	WAP 2.5-10 BR	Version
Order No.	1050070000	End plate (terminals), 56 mm x 1.5 mm, brown
GTIN (EAN)	4008190455507	
Qty.	50 pc(s).	
Type	WAP 2.5-10 SW	Version
Order No.	1050010000	End plate (terminals), 56 mm x 1.5 mm, black
GTIN (EAN)	4008190406806	
Qty.	50 pc(s).	

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Accessories

Type	WAP 2.5-10 BL	Version
Order No.	1050080000	End plate (terminals), 56 mm x 1.5 mm, blue
GTIN (EAN)	4008190136611	
Qty.	50 pc(s).	
Type	WAP 2.5-10 VI	Version
Order No.	1072210000	End plate (terminals), 56 mm x 1.5 mm, violet
GTIN (EAN)	4008190455460	
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10 BL	Version
Order No.	1050180000	End and partition plate for terminals, End plate, 56 mm x 1.5 mm, blue
GTIN (EAN)	4008190013899	
Qty.	20 pc(s).	
Type	WAP 2.5-10 GE	Version
Order No.	1050020000	End plate (terminals), 56 mm x 1.5 mm, yellow
GTIN (EAN)	4008190406776	
Qty.	50 pc(s).	
Type	WAP 2.5-10 WS	Version
Order No.	1050090000	End plate (terminals), 56 mm x 1.5 mm, white
GTIN (EAN)	4008190406790	
Qty.	50 pc(s).	
Type	WAP 2.5-10 GN	Version
Order No.	1072200000	End plate (terminals), 56 mm x 1.5 mm, green
GTIN (EAN)	4008190455491	
Qty.	50 pc(s).	
Type	WAP 2.5-10 RT	Version
Order No.	1050040000	End plate (terminals), 56 mm x 1.5 mm, red
GTIN (EAN)	4008190406783	
Qty.	50 pc(s).	
Type	WAP 2.5-10 GR	Version
Order No.	1050050000	End plate (terminals), 56 mm x 1.5 mm, grey
GTIN (EAN)	4008190455484	
Qty.	50 pc(s).	
Type	WAP 2.5-10	Version
Order No.	1050000000	End plate (terminals), 56 mm x 1.5 mm, dark beige
GTIN (EAN)	4008190103149	
Qty.	50 pc(s).	

WDU 2.5 SL

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Accessories

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	Weidmueller, 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).	

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).	