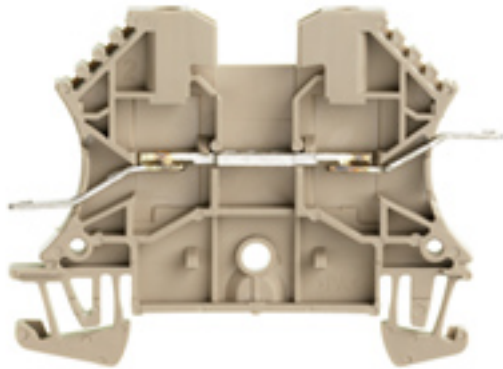


**WDU 2.5 LL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 <sup>2</sup> , Solder connection
Order No.	<a href="#">1022200000</a>
Type	WDU 2.5 LL
GTIN (EAN)	4008190145859
Qty.	100 pc(s).

## WDU 2.5 LL

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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	6.78 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 solder connection, Both sides, One end with- out connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of potentials per tier	0	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

## Conductors for clamping (additional connection)

Connection type, additional connection Solder connection

## Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	1.5 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping screw	M 2.5
Connection cross-section, stranded, max.	1.5 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Connection direction	on side	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 screw- driver	1
Type of connection	Solder connection	Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, fine- ly stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, fine- ly stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

Creation date October 4, 2024 5:33:14 AM CEST

Catalogue status 28.09.2024 / We reserve the right to make technical changes.

## WDU 2.5 LL

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## Technical data

## General

Rail	TS 35
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## Rating data

Rated cross-section	2.5 mm <sup>2</sup>	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
ECLASS 14.0	27-25-01-01		

## Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

## Approvals

Approvals



ROHS	Conform
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## Downloads

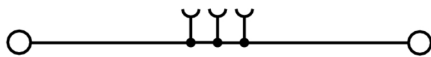
Approval/Certificate/Document of Conformity	<a href="#">CE Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

### WDU 2.5 LL

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## Drawings



## WDU 2.5 LL

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## Accessories

## 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.	<a href="#">0215700000</a>	Accessories, Socket
GTIN (EAN)	4008190184872	
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 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

## WDU 2.5 LL

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## Accessories

2.5 mm<sup>2</sup>


2.5  
mm<sup>2</sup>

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 2.5/5	Version
Order No.	<a href="#">1053960000</a>	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 2.5/8	Version
Order No.	<a href="#">1054260000</a>	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.	<a href="#">1053660000</a>	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 2.5/3	Version
Order No.	<a href="#">1053760000</a>	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 2.5/15	Version
Order No.	<a href="#">1059660000</a>	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.	<a href="#">1067500000</a>	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 2.5/32	Version
Order No.	<a href="#">1577600000</a>	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190154035	poles: 32, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	10 pc(s).	
Type	WQV 2.5/6	Version
Order No.	<a href="#">1054060000</a>	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.	<a href="#">1053860000</a>	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 2.5/10	Version
Order No.	<a href="#">1054460000</a>	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190135089	poles: 10, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	20 pc(s).	

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## Accessories

Type	WQV 2.5/7	Version
Order No.	<a href="#">1054160000</a>	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 2.5/20	Version
Order No.	<a href="#">1577570000</a>	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).	

## 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	Version
Order No.	<a href="#">1611930000</a>	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 30/3.5	Version
Order No.	<a href="#">1778290000</a>	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248161065	white
Qty.	20 pc(s).	
Type	ZGB 15	Version
Order No.	<a href="#">1636530000</a>	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



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.	<a href="#">1632320000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 250 V, 6 A
GTIN (EAN)	4008190257347	
Qty.	25 pc(s).	

## WDU 2.5 LL

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## Accessories

Type	WTA 2/ZA WDU2.5-10	Version
Order No.	<a href="#">1632330000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 250 V, 6 A
GTIN (EAN)	4008190257330	
Qty.	25 pc(s).	
Type	WTA 2/10 WDU2.5/10	Version
Order No.	<a href="#">1632340000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 250 V, 6 A
GTIN (EAN)	4008190209599	
Qty.	5 pc(s).	

2.5-10 mm<sup>2</sup>


2.5-10  
mm<sup>2</sup>

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.	<a href="#">1050050000</a>	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 WS	Version
Order No.	<a href="#">1050090000</a>	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.	<a href="#">1050100000</a>	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	Version
Order No.	<a href="#">1050000000</a>	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 OR	Version
Order No.	<a href="#">1050060000</a>	End plate (terminals), orange, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190406769	Wemid
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10 BL	Version
Order No.	<a href="#">1050180000</a>	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 BL	Version
Order No.	<a href="#">1050080000</a>	End plate (terminals), blue, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190136611	Wemid
Qty.	50 pc(s).	



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## Accessories

Type	WAP 2.5-10 GN	Version
Order No.	<a href="#">1072200000</a>	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 GE	Version
Order No.	<a href="#">1050020000</a>	End plate (terminals), yellow, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190406776	Wemid
Qty.	50 pc(s).	
Type	WAP 2.5-10 VI	Version
Order No.	<a href="#">1072210000</a>	End plate (terminals), violet, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190455460	Wemid
Qty.	50 pc(s).	
Type	WAP 2.5-10 SW	Version
Order No.	<a href="#">1050010000</a>	End plate (terminals), black, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190406806	Wemid
Qty.	50 pc(s).	
Type	WAP 2.5-10 RT	Version
Order No.	<a href="#">1050040000</a>	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 BR	Version
Order No.	<a href="#">1050070000</a>	End plate (terminals), brown, Height: 56 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190455507	Wemid
Qty.	50 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.	<a href="#">9004500000</a>	Miscellaneous tools
GTIN (EAN)	4008190053925	
Qty.	1 pc(s).	

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## Accessories

## Test plugs

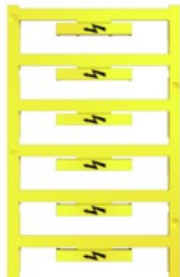


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## General ordering data

Type	PS 2.3 RT	Version
Order No.	<a href="#">0180400000</a>	Test adapter (terminal), 230 V, 20 mA
GTIN (EAN)	4008190060121	
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.	<a href="#">1120450000</a>	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).	