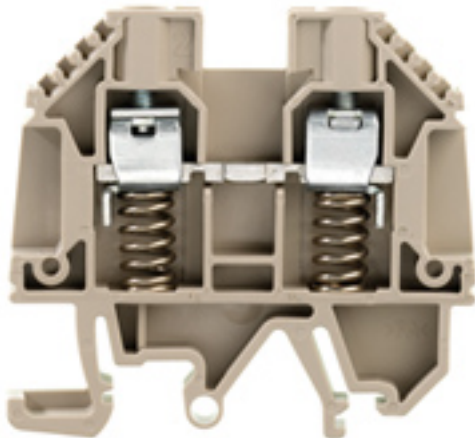


**W-Series**  
**WDU 6 SL/EN**

**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	WDU 6 SL/EN
Order No.	<a href="#">9537470000</a>
Version	W-Series, Feed-through terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4008190026097
Qty.	50 pc(s).

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**Technical data****Dimensions and weights**

Width	7.9 mm	Width (inches)	0.311 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	51.1 mm	Depth (inches)	2.012 inch
Depth including DIN rail	55 mm	Weight	17.33 g
Net weight	17.96 g		

**Temperatures**

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Storage temperature, max.	40 °C
Storage temperature, min.	10 °C	Storage temperature	10 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

**Material data**

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	440 V	Current (ATEX)	40 A
Wire cross section max. (ATEX)	6 mm <sup>2</sup>	Max. voltage (IECEX)	440 V
Current (IECEX)	40 A	Wire cross section max. (IECEX)	6 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

**System specifications**

Version	Screw connection, with spring-loaded cable clamp, for screwable cross-connection, for plug-in cross-connector. One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 32, 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

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**Technical data****CSA rating data**

Certificate No. (CSA)	200039-1057876	Current size B (CSA)	45 A
Current size C (CSA)	45 A	Current size D (CSA)	5 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 AWG		

**Conductors for clamping (rated connection)**

Blade size	0.8 x 4.0 mm	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping screw	M 3.5
Connection cross-section, stranded, max.	6 mm <sup>2</sup>	Connection direction	on side
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	16 mm	Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm	Type of connection	Screw connection
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**Rating data**

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	630 V
Rated current	41 A	Current at maximum wires	57 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Power loss in accordance with IEC 60947-7-x	1.31 W	Rated impulse withstand voltage	6 kV
Pollution severity	2	Surge voltage category	III

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	20 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	20 AWG	Current size C (UR)	50 A
Current size D (UR)	10 A	Voltage size C (UR)	150 V
Voltage size D (UR)	300 V		

**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  
WDU 6 SL/EN**

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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">DE_PT1051_20160418_814_ISSUE01.pdf</a> <a href="#">ATEX Certificate</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">NTI WDU/WPE 6 SL EN</a> <a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**

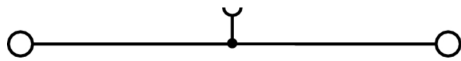
Safety notice	<a href="#">Safety Information</a>
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**Data sheet**

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**Drawings**



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**Accessories**

**Test adapter**



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**General ordering data**

Type	WTA 3 WDU4	Version
Order No.	<a href="#">1632350000</a>	W-Series, Test adapter
GTIN (EAN)	4008190209711	
Qty.	25 pc(s).	

**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 12/5 MC NE WS	Version
Order No.	<a href="#">1609860000</a>	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 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.

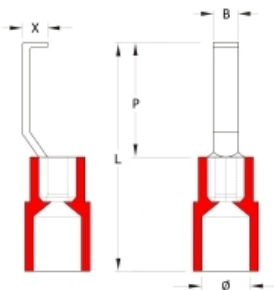
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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.	<a href="#">1609801044</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

**Hook-type cable lugs**


The use of insulated connectors guarantees users a permanent and consistent quality for their electrical connections. In addition, they bring advantages during installation.

**General ordering data**

Type	HBT 2,5 - 4,6 BL	Version
Order No.	<a href="#">1233330000</a>	cable lug, terminal end, Insulated cable connector, 1,5 mm <sup>2</sup> - 2,5
GTIN (EAN)	4050118016901	mm <sup>2</sup> , blue
Qty.	100 pc(s).	
Type	HBT 1,5 - 4,6 RT	Version
Order No.	<a href="#">1233340000</a>	cable lug, terminal end, Insulated cable connector, 0,5 mm <sup>2</sup> - 1,5
GTIN (EAN)	4050118210972	mm <sup>2</sup> , red
Qty.	100 pc(s).	
Type	HBT 6,0 - 4,6 GE	Version
Order No.	<a href="#">1216230000</a>	cable lug, terminal end, Insulated cable connector, 4 mm <sup>2</sup> - 6
GTIN (EAN)	4050118000337	mm <sup>2</sup> , yellow
Qty.	100 pc(s).	

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**Accessories**

**End brackets**



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**General ordering data**

Type	WEW 35/2	Version
Order No.	<a href="#">1061200000</a>	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	100 pc(s).	

**End plates**



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**General ordering data**

Type	WAP 16+35 WTW 2.5-10	Version
Order No.	<a href="#">1050100000</a>	W-Series, End plate, Separation plate
GTIN (EAN)	4008190079901	
Qty.	20 pc(s).	
Type	WAP 2.5-10 SW	Version
Order No.	<a href="#">1050010000</a>	W-Series, End plate
GTIN (EAN)	4008190406806	
Qty.	50 pc(s).	
Type	WAP 2.5-10 4-6	Version
Order No.	<a href="#">1272380000</a>	W-Series, End plate
GTIN (EAN)	4050118114881	
Qty.	50 pc(s).	
Type	WAP 2.5-10	Version
Order No.	<a href="#">1050000000</a>	W-Series, End plate
GTIN (EAN)	4008190103149	
Qty.	50 pc(s).	



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**Accessories**
**WQV 6**

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**General ordering data**

Type	WQV 6/10	Version
Order No.	<a href="#">1052260000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190153977	
Qty.	20 pc(s).	
Type	WQV 6/3	Version
Order No.	<a href="#">1054760000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190174163	
Qty.	50 pc(s).	
Type	WQV 6/7	Version
Order No.	<a href="#">1062680000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 7
GTIN (EAN)	4008190261788	
Qty.	50 pc(s).	
Type	WQV 6/5	Version
Order No.	<a href="#">1062660000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 5
GTIN (EAN)	4008190176914	
Qty.	50 pc(s).	
Type	WQV 6/4	Version
Order No.	<a href="#">1054860000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190180799	
Qty.	50 pc(s).	
Type	WQV 6/12	Version
Order No.	<a href="#">1062720000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4050118259391	
Qty.	50 pc(s).	
Type	WQV 6/2	Version
Order No.	<a href="#">1052360000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4008190075866	
Qty.	50 pc(s).	
Type	WQV 6/6	Version
Order No.	<a href="#">1062670000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 6
GTIN (EAN)	4008190261771	
Qty.	50 pc(s).	

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**Accessories**

**WQV 10**



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**General ordering data**

Type	WQV 10/2	Version
Order No.	<a href="#">1052560000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4008190154943	
Qty.	50 pc(s).	
Type	WQV 10/3	Version
Order No.	<a href="#">1054960000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190079079	
Qty.	50 pc(s).	
Type	WQV 10/4	Version
Order No.	<a href="#">1055060000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190188245	
Qty.	50 pc(s).	
Type	WQV 10/10	Version
Order No.	<a href="#">1052460000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190152130	
Qty.	20 pc(s).	