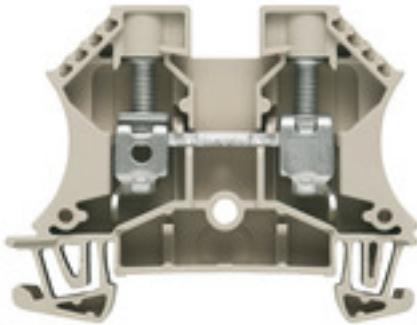


**W-Series**  
**WDU 10 WS**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**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 10 WS
Order No.	<a href="#">1833380000</a>
Version	Feed-through terminal, Screw connection, 10 mm <sup>2</sup> , 1000 V, 57 A, White
GTIN (EAN)	4050118044904
Qty.	50 pc(s).

**W-Series**  
**WDU 10 WS**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

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

Width	9.9 mm	Width (inches)	0.39 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Net weight	18.1 g

**Temperatures**

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
----------------------------------	--------	----------------------------------	--------

**Material data**

Material	Wemid	Colour	White
UL 94 flammability rating	V-0		

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	690 V	Current (ATEX)	57 A
Wire cross section max. (ATEX)	10 mm <sup>2</sup>	Max. voltage (IECEX)	440 V
Current (IECEX)	57 A	Wire cross section max. (IECEX)	10 mm <sup>2</sup>
Marking EN 60079-7	Ex e II	Ex 2014/34/EU label	II 2 G D

**System specifications**

Version	Screw connection, for screwable cross-connection, One end without connector	Tightening torque (clamping screw for aluminium conductors)	1.2 Nm
Tightening torque (clamping screw for copper conductors)	1.2...1.9 Nm	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

**Additional technical data**

Type of mounting	Snap-on
------------------	---------

**CSA rating data**

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	65 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	18 AWG		

## W-Series WDU 10 WS

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

## Technical data

### Conductors for clamping (rated connection)

Clamping range, rated connection, max.	16 mm <sup>2</sup>	Clamping range, rated connection, min.	1.31 mm <sup>2</sup>
Clamping screw	M 4	Connection direction	on side
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm <sup>2</sup>	Number of connections	2
Stripping length	12 mm	Tightening torque, max.	1.9 Nm
Tightening torque, min.	1.2 Nm	Twin wire-end ferrules, max.	6 mm <sup>2</sup>
Twin wire-end ferrules, min.	1.5 mm <sup>2</sup>	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 16
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	16 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	16 mm <sup>2</sup>
Wire connection cross section, solid core, min. rated connection	1.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	16 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	1.5 mm <sup>2</sup>		

### Rating data

Rated cross-section	10 mm <sup>2</sup>	Rated voltage	1,000 V
Rated current	57 A	Volume resistance according to IEC 60947-7-x	0.56 mΩ

### Classifications

ETIM 4.0	EC000897	ETIM 5.0	EC000897
ETIM 6.0	EC000897	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20	eClass 8.1	27-14-11-20
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20

### Product information

Descriptive text ordering data 1000 VDC rated voltage tested. For alternative colours, see section on W-series accessories – specific functions.

### Approvals

Approvals



ROHS Conform

**Data sheet****W-Series  
WDU 10 WS**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CFAT_WDU_10.pdf</a> <a href="#">IECEXULD14.0005U_e.pdf</a> <a href="#">CB Test Zertifikat</a> <a href="#">CB Zertifikat</a> <a href="#">DE_PT1001_20160414_130_ISSUE01.pdf</a> <a href="#">ACF-ATEX_4786180920</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">NTI_IECEX_WDU-WPE_10.pdf</a>

**Safety note**

Safety notice	<a href="#">Safety Information</a>
---------------	------------------------------------

**Data sheet**

**W-Series**  
**WDU 10 WS**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

