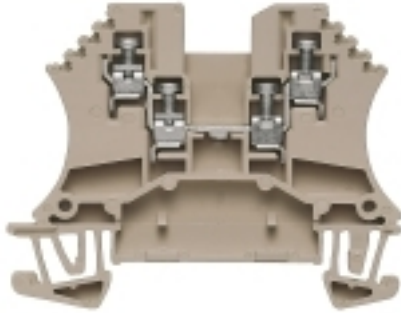


**W-Series  
WDU 1.5/ZZ**

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



The versatile and extensive range of products - from 0.05 mm<sup>2</sup> to 300 mm<sup>2</sup> - means that you have diverse options for your applications at your disposal. Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

**General ordering data**

Type	WDU 1.5/ZZ
Order No.	<a href="#">103140000</a>
Version	W-Series, Feed-through terminal, Rated cross-section: 1.5 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4008190148546
Qty.	100 pc(s).

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

Length	60 mm	Width	5.1 mm
Height	46.5 mm	Height of lowest version	47 mm
Weight	8.6 g	Net weight	8.09 g

**Temperatures**

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

**Rated data IECEx/ATEX**

Certificate No. (ATEX)	KEMA98ATEX1685U	ATEX certificate	KEMA98ATEX1685U_d.pdf
ATEX certificate	KEMA98ATEX1685U_e.pdf	IEC Ex certificate	IECExULD05.0008U_e.pdf
Max. voltage (ATEX)	550 V	Current (ATEX)	15 A
Wire cross section max. (ATEX)	1.5 mm <sup>2</sup>	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Marking ATEX Directive 94/9/EC	II 2 G D		Ex e II

**2 clampable wires (H05V/H07V) same cross-section (rated connection)**

Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	1 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	0.75 mm <sup>2</sup>

**Additional technical data**

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	Screw connection, Twin connection, for plug-in cross-connector, One end without connector

**CSA ratings data**

Certificate No. (CSA)	200039-1057876	Voltage size C (CSA)	300 V
Current size C (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

**Clampable wires (additional connection)**

Rated cross-section, further connection	1.5 mm <sup>2</sup>	Connection direction	on side
Number of connections, additional connection	2	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm <sup>2</sup>
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm <sup>2</sup>		

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**Technical data****Clampable wires (rated connection)**

Type of connection	Screw connection	Stripping length	7 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	4	Clamping range, rated connection, min.	0.13 mm <sup>2</sup>
Clamping range, rated connection, max.	2.5 mm <sup>2</sup>	Clamping screw	M 2.5
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.6 Nm
Torque level with DMS electric screwdriver	1	Gauge to IEC 60947-1	A1
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	2.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	2.5 mm <sup>2</sup>
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, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14

**Other connections**

Number of connections, additional connection	2
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**Rated data**

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	17.5 A
Current at maximum wires	23 A	Standards	IEC 60947-7-1
Pollution severity	3		

**UL ratings data**

Certificate No. (UR)	E60693	Voltage size C (UR)	300 V
Current size C (UR)	25 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG

**Material data**

Material	Wemid	Colour	Beige
UL 94 flammability rating	V-0		

**System specifications**

Product family	W-Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	4	No. of clamping points per level	4
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

**Data sheet**

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**Technical data**

**Classifications**

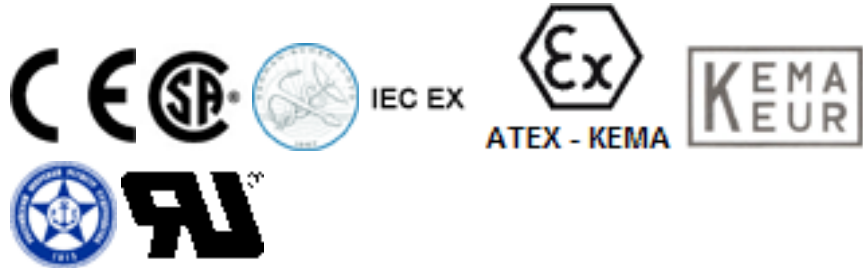
ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-20	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

**Product information**

Descriptive text technical data	Note the max. current of the terminal (23 A) when using the WQV cross-connector!
Descriptive text accessories	Socket and test plug, see section "W-series Accessories".

**Approvals**

Approvals



ROHS	Conform
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**Data sheet**

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**Drawings**

