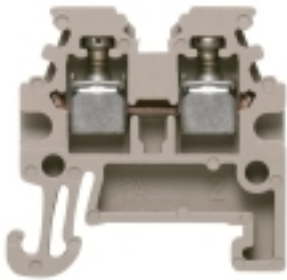


**W-Series  
WDU 1.5/R3.5**

**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/R3.5
Order No.	<a href="#">1753280000</a>
Version	W-Series, Feed-through terminal, Rated cross-section: 1.5 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4032248020737
Qty.	100 pc(s).

## W-Series WDU 1.5/R3.5

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

## Technische Daten

### Dimensions and weights

Length	24.5 mm	Width	3.5 mm
Height	24 mm	Height of lowest version	25 mm
Weight	2.39 g	Net weight	1.57 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)	KEMA99ATEX6545U	ATEX certificate	KEMA99ATEX6545U_d.pdf
ATEX certificate	KEMA99ATEX6545U_e.pdf	Max. voltage (ATEX)	275 V
Current (ATEX)	14 A	Wire cross section max. (ATEX)	1.5 mm <sup>2</sup>
Voltage, cross-connection		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	CrossConnectionGuide.pdf		
Marking EN 60079-7	Ex e II	Marking ATEX Directive 94/9/EC	II 2 G D

### Additional technical data

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

### CSA ratings data

Certificate No. (CSA)	12400-398	Voltage size D (CSA)	300 V
Current size D (CSA)	10 A	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

### Clampable wires (additional connection)

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

## W-Series WDU 1.5/R3.5

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

## Technische Daten

### Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	7 mm
Blade size	0.4 x 2.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.13 mm <sup>2</sup>
Clamping range, rated connection, max.	1.5 mm <sup>2</sup>	Clamping screw	M 2
Tightening torque, min.	0.3 Nm	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	1.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	1.5 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.	0.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14

### Dimensions

TS 15 offset	13.5 mm
--------------	---------

### Rated data

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	400 V
Rated impulse withstand voltage	4 kV	Rated current	17.5 A
Current at maximum wires	17.5 A	Standards	IEC 60947-7-1
Pollution severity	3		

### UL ratings data

Certificate No. (UR)	E60693	Voltage size B (UR)	300 V
Voltage size D (UR)	300 V	Current size B (UR)	15 A
Current size D (UR)	10 A	Conductor size Factory wiring max. (UR)	14 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	14 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	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 15
End cover plate required	Yes		

**Datenblatt**

**W-Series**  
**WDU 1.5/R3.5**

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

**Technische Daten**

**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      PZ 6/5 recommended as crimping tool for 1.5 mm<sup>2</sup> with wire-end ferrule

**Approvals**

Approvals



ROHS      Conform

**Datenblatt**

**W-Series**  
**WDU 1.5/R3.5**

**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)

**Zeichnungen**

