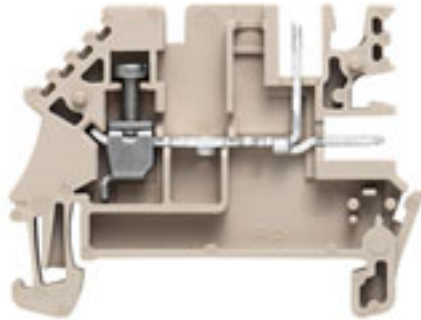


**W-Series  
WDU 1.5/BLZ 5.08**

**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 idea is simple:  
One terminal strip for the functional unit and one plug-in connector for the cable harness. All that remains to be done is to clip the two units together during final assembly. Finished!

**General ordering data**

Type	WDU 1.5/BLZ 5.08
Order No.	<a href="#">1577340000</a>
Version	W-Series, Feed-through terminal, Rated cross-section: 1.5 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4008190142728
Qty.	100 pc(s).

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## Technische Daten

### Dimensions and weights

Length	49 mm	Width	5.08 mm
Height	37 mm	Height of lowest version	37.5 mm
Weight	3.2 g	Net weight	4.55 g

### Temperatures

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

### Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	1 plug-in connection - 2 plug-in connections, for screwable cross- connection, One end without connector		

### CSA ratings data

Certificate No. (CSA)	12400-260	Voltage size B (CSA)	300 V
Voltage size C (CSA)	300 V	Voltage size D (CSA)	300 V
Current size B (CSA)	10 A	Current size C (CSA)	10 A
Current size D (CSA)	10 A	Wire cross section max. (CSA)	12 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>
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### Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	1	Clamping range, rated connection, min.	0.13 mm <sup>2</sup>
Clamping range, rated connection, max.	4 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	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	4 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.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 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.	2.5 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.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

Erstellungs-Datum January 13, 2014 11:22:49 AM CET

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## Technische Daten

### Dimensions

TS 35 offset 31.5 mm

### Rated data

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	250 V
Rated impulse withstand voltage	4 kV	Rated current	16 A
Current at maximum wires	16 A	Standards	IEC 60947-7-1, IEC 61984
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)	10 A
Current size D (UR)	10 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	22 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	1	No. of clamping points per level	3
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

### 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 ordering data	WDU 1.5 BLA Order no. 1577260000 (100 pcs.). Techn. data same as WDU 1.5 BLZ.
Descriptive text technical data	Dimensions with female header BLZ: length 57.5 mm / height 55.5 mm. 2.5 mm <sup>2</sup> conductor with wire-end ferrule with plastic collar, only with order No. 1333100000, QTY 500.
Descriptive text accessories	Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).

### Approvals

Approvals



ROHS Conform

**Datenblatt**

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**Zeichnungen**

