

**W-Series**  
**WPDB 35/16/6/N 1/2/5/11****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	WPDB 35/16/6/N 1/2/5/11
Order No.	<a href="#">1939510000</a>
Version	W-Series, Distribution block, Rated cross-section: 35 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4032248615896
Qty.	1 pc(s).

## Data sheet

### W-Series WPDB 35/16/6/N 1/2/5/11

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## Technical data

### Dimensions and weights

Width	98 mm	Height	74 mm
Height of lowest version	45 mm	Depth	45 mm
Weight	314 g	Net weight	313.4 g

### Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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### Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	closed	Type of mounting	Snap-on
Version	Screw connection		

### Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	6 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	35 mm <sup>2</sup>
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### Clampable wires (rated connection)

Type of connection	Screw connection	Connection direction	on side
Wire connection cross section, solid core, min. rated connection	6 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	35 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	35 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	6 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	6 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	35 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>		

### Rated data

Rated cross-section	35 mm <sup>2</sup>	Rated voltage	690 V
Rated impulse withstand voltage	8 kV	Rated current	125 A
Current at maximum wires	125 A	Standards	IEC 60947-7-1
Pollution severity	3		

### UL ratings data

Certificate No. (cURus)	E223821
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### Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

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**Technical data**

**System specifications**

Product family	W-Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	3
Levels cross-connected internally	Yes	Mounting rail	TS 35
End cover plate required	No	PE connection	No

**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	1500 V DC
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**Approvals**

Approvals



ROHS	Conform
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