

**W-Series  
WPDB 70/16 1/10**

**Weidmüller Interface GmbH & Co. KG**  
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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 70/16 1/10
Order No.	<a href="#">1939460000</a>
Version	W-Series, Distribution block, Rated cross-section: 70 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4032248615834
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Length	72 mm	Width	45 mm
Height of lowest version	42 mm	Weight	228 g
Net weight	225 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	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.	16 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	70 mm <sup>2</sup>
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### Clampable wires (rated connection)

Type of connection	Screw connection	Connection direction	on side
Clamping range, rated connection, min.	2.5 mm <sup>2</sup>	Clamping range, rated connection, max.	70 mm <sup>2</sup>
Wire connection cross section, solid core, max. rated connection	16 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	70 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	70 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	10 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	16 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	70 mm <sup>2</sup>

### Rated data

Rated cross-section	70 mm <sup>2</sup>	Rated voltage	690 V
Rated impulse withstand voltage	8 kV	Rated current	175 A
Current at maximum wires	175 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		

### System specifications

Product family	W-Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	2
No. of clamping points per level	5	Levels cross-connected internally	Yes
Mounting rail	TS 35	End cover plate required	No

**Datenblatt**

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**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	1000 V DC rated voltage tested.
Descriptive text technical data	1500 V DC

**Approvals**

Approvals



ROHS	Conform
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