

W-Series
WPDB 35-16/16 1-1/6**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 mm² to 300 mm² - 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 35-16/16 1-1/6
Order No.	1939450000
Version	W-Series, Distribution block, Rated cross-section: 35 mm ² , Screw connection
GTIN (EAN)	4032248615827
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	75 mm	Width	27 mm
Height of lowest version	47 mm	Weight	134 g
Net weight	134.5 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.	10 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	35 mm ²
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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 ²	Clamping range, rated connection, max.	35 mm ²
Wire connection cross section, solid core, max. rated connection	10 mm ²	Wire connection cross section, solid core max. rated connection	35 mm ²
Wire connection cross section, finely stranded, max.	35 mm ²	Wire connection cross-section, finely stranded, min.	6 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	10 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	35 mm ²

Dimensions

TS 35 offset	66 mm
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Rated data

Rated cross-section	35 mm ²	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)	E22382 1AUXEL
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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	2
No. of clamping points per level	3	Levels cross-connected internally	Yes
Mounting rail	TS 35	End cover plate required	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