

**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



**Power distribution**

You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

**General ordering data**

Delivery status	<b>This article will no longer be available in the future.</b>
Available until	2016-06-30
Type	WPDB 35-16/16 1-1/6
Order No.	<a href="#">1939450000</a>
Version	W-Series, Distribution block, Rated cross-section: 35 mm <sup>2</sup> , Screw connection, Terminal rail / mounting plate
GTIN (EAN)	4032248615827
Qty.	1 pc(s).
Alternative product	<a href="#">1562170000</a>

**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

**Technical data**
**Dimensions and weights**

Width	27 mm	Width (inches)	1.063 inch
Height	75 mm	Height (inches)	2.953 inch
Depth	47 mm	Depth (inches)	1.85 inch
Weight	134 g	Net weight	134.5 g

**Temperatures**

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

**Material data**

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

**System specifications**

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	2
No. of clamping points per level	3	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

**Additional technical data**

Explosion-tested version	No	Installation advice	Terminal rail / mounting plate
Open sides	closed	Type of mounting	Snap-on

**Conductors for clamping (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 35 mm<sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, max.	35 mm <sup>2</sup>	Clamping range, min.	2.5 mm <sup>2</sup>
Connection direction	on side	Number of connections	8
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	6 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	35 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	10 mm <sup>2</sup>

**Dimensions**

TS 35 offset	66 mm
--------------	-------

**Data sheet**

**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

**Technical data**

**Rating data**

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

**UL rating data**

Certificate No. (cURus)	E60693
-------------------------	--------

**Classifications**

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC001329	ETIM 6.0	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
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

**Product information**

Descriptive text technical data	Finger safety (IP20) is only obtained by means of an additional cover.
---------------------------------	--

**Approvals**

Approvals



ROHS	Conform
------	---------

**Downloads**

Engineering Data	<a href="#">EPLAN, WSCAD</a>
------------------	------------------------------