W-Series
WPDB 70/16 1/10

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 70/16 1/10
Order No.	1939460000
Version	W-Series, Distribution block, Rated cross-section: 70 mm², Screw connection
GTIN (EAN)	4032248615834
Qty.	1 pc(s).

Creation date January 19, 2014 4:40:38 PM CET

W-Series
WPDB 70/16 1/10

Technical data

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 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	70 mm²

Clampable wires (rated connection)

Type of connection	Screw connection	Connection direction	on side
Clamping range, rated connection, min.	2.5 mm²	Clamping range, rated connection, max.	70 mm²
Wire connection cross section, solid core, max. rated connection	16 mm²	Wire connection cross section, solid core max. rated connection	70 mm²
Wire connection cross-section, finely stranded, max.	70 mm²	Wire connection cross-section, finely stranded, min.	10 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	16 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	70 mm²

Rated data

Rated cross-section	70 mm²	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)	E223821AUXEL		

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

Creation date January 19, 2014 4:40:38 PM CET

W-Series
WPDB 70/16 1/10

Technical data

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

Creation date January 19, 2014 4:40:38 PM CET