

# PDB400



120 sq.mm Compact Distribution Blocks.

pdb400 distribution block are used for single phase distribution systems. These blocks can either be mounted on a Din Rail or can be Panel mounted.

### TECHNICAL DATA

Rated Voltage	1000 V
Rated Current	250 A
Tightening Torque - Input Side	19 Nm
Tightening Torque - Output Side	2 Nm
Housing Material	Polymide
Product Function	Compact Distribution Block
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 35/DIN 35-15 Rail
Operated by	Screw Driver
Rated Surge Voltage	6 KV
Pollution Degree	3

### CONNECTION DATA

Conductor Cross Section Stranded min.- Input Side	35 mm <sup>2</sup>
Conductor Cross Section Stranded max. - Input Side	120 mm <sup>2</sup>
Conductor Cross Section Stranded min.- Output Side	4 mm <sup>2</sup>
Conductor Cross Section Stranded min.- Output Side	2.5 mm <sup>2</sup>
Conductor Cross Section Stranded min.- Output Side	1.5 mm <sup>2</sup>
Conductor Cross Section Stranded max.- Output Side	35 mm <sup>2</sup>
Conductor Cross Section Stranded max.- Output Side	25 mm <sup>2</sup>
Conductor Cross Section Stranded max.- Output Side	16 mm <sup>2</sup>
Conductor Cross Section Stranded min AWG/KCML.- Input Side	2 AWG
Conductor Cross Section Stranded max AWG/KCML.- Input Side	250 kcmil
Stripping Length- Input Side	27 mm
Stripping Length-Output Side	12 mm

### DIMENSIONS

Height with DIN 35 x 15 mm rail	85 mm
Height with DIN 35 x 7.5 mm rail	77.5 mm
Length	94 mm
Width (Thickness)	53.3 mm

### ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
PDB400	120 sqmm Compact Distribution Terminal Block in Grey colour.	1

### ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA701-1M	Din 35 Rail unslotted 1 meter	50
	CA701-2M	Din 35 Rail unslotted 2 meter	50
	CA701-2M-S	Din 35 Rail slotted 2 meter	50
	CA701-1M-S	Din 35 Rail slotted 1 meter	50
	CA701-15-1M	Din 35 Rail 15 deep unslotted 1 meter	50
	CA701-15-1M-S	Din 35 Rail 15 deep slotted 1 meter	50
	CA701-15-2M	Din 35 Rail 15 deep unslotted 2 meter	50
	CA701-15-2M-S	Din 35 Rail 15 deep slotted 2 meter	50
	SCPH2	Phillips Screwdriver for Phillips Recess screws	10

### APPROVALS



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PDB400



**connectwell**  
THE RIGHT CONNECTION

**RATINGS AS PER STANDARDS**

<b>STANDARDS</b>	<b>UL 1059</b>	<b>IEC/EN60947-7-1</b>
Approvals	UL	CE
Conductor Cross Section Stranded min.- Input Side	2 AWG	35 mm <sup>2</sup>
Conductor Cross Section Stranded max. - Input Side	250 AWG	120 mm <sup>2</sup>
Conductor Cross Section Stranded min.- Output Side	16 AWG	1.5 mm <sup>2</sup>
Conductor Cross Section Stranded max.- Output Side	6 AWG	16 mm <sup>2</sup>
Rated Voltage	600 V	1000 V
Rated Current	250 A	250 A
Tightening Torque - Input Side	172 lb-in	19 Nm
Tightening Torque - Output Side	27 lb-in	2 Nm

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