PTB35/50SH





50 sq.mm Stud Type Power Terminal Blocks with Hinged Protective Cover

PTB series Terminal Blocks are preferred for application using wires of large cross section. The Wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. Specially designed Mounting Feet holdsthe Terminal Block rigidly on to the Mounting Rail. Two Lugs of the rated cross section can be connected to the Terminal Block, without sacrificing the safety of the Terminal Block. In PTB35SH, PTB70SH Terminal Blocks a hinged protective cover makes the Terminal Block shock proof (finger safe) and has marker recess to accept marking tag.

TECHNICAL DATA		
Rated Voltage	1000 V	
Rated Current	150 A	
Tightening Torque	3 Nm	
Housing Material	Polymide	
Product Function	Power Terminal Block	
Wire Entry Orientation	Side Entry	
Mounting Possibility	DIN 35/DIN 35-15 Rail	
Stud Size	M6	
Operated by	Nut Driver	
Rated Surge Voltage	8 KV	
Pollution Degree	3	

CONNECT	CONNECTION DATA		
Conductor Cross Section Stranded min.	1.5 mm²		
Conductor Cross Section Stranded max.	50 mm²		
Conductor Cross Section AWG/Kcmil min	8 AWG		
Conductor Cross Section AWG/Kcmil max	2 AWG		
Conductor Cross Section Stranded with Ferrule/Lug min	1.5 mm²		
Conductor Cross Section Stranded with Ferrule/Lug max	50 mm ²		
2 Conductors with same Cross Section Stranded min	1.5 mm²		
2 Conductor with same Cross Section Stranded max	50 mm ²		

DIMENSIONS			
Height with DIN 35 x 15 mm rail	73.6 mm		
Height with DIN 35 x 7.5 mm rail	66.5 mm		
Length	169 mm		
Width (Thickness)	25 mm		

	ORDERING INFORMATION			
CAT. NO.	DESCRIPTION	STD. PACK		
PTB35/50SH	50 sq.mm Stud Type Power Terminal Block in Grey colour with Hinged Protective Cover	10		
PTB35/50SHR	50 sq.mm Stud Type Power Terminal Block in Red colour with Hinged Protective Cover	10		
PTB35/50SHY	50 sq.mm Stud Type Power Terminal Block in Yellow colour with Hinged Protective Cover	10		
PTB35/50SHBU	50 sq.mm Stud Type Power Terminal Block in Blue colour with Hinged Protective Cover	10		

	ORDERING INFORMATION	
CAT. NO.	DESCRIPTION	STD. PACK
PTB35/50SHGN	50 sq.mm Stud Type Power Terminal Block in Green colour with Hinged Protective Cover	10
PTB35/50SHBK	50 sq.mm Stud Type Power Terminal Block in Black colour with Hinged Protective Cover50	10

ACCESSORIES			
IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA701-1M	Din 35 Rail unslotted 1 meter	50
11 11	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
11/1/2	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

CA102	End Clamp in Polyamide suitable for Din32 / Din35 / Din35-15 Rails	50

	CA202	End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails	25
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	CA703/9	Permanent Shorting Links for 2 way shorting.	10
600	CA704/9	Permanent Shorting Links for 3 way shorting.	10
	CA705/9	Permanent Shorting Links for 4 way shorting.	10

	المنتننتين	CA509/K9	Blank Marking Tag	100
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NOTES The Rated current is with the use of copper (Cu) conductor/Wire

PTB35/50SH





RATINGS AS PER STANDARDS			
STANDARDS	UL 1059	CSA C.22.2 No:158	IEC/EN60947-7-1
Approvals	UL	CSA	CE
Conductor Cross Section Stranded min.	8 AWG	8 AWG	1.5 mm ²
Conductor Cross Section Stranded max.	2 AWG	2 AWG	50 mm ²
Rated Voltage	600 V	600 V	1000 V
Rated Current	115 A	115 A	150 A
Tightening Torque	27 lb-in	27 lb-in	3 Nm
STANDARDS	EN60079-7		
Approvals	ATEX		
Conductor Cross Section Stranded min.	16 mm ²		
Conductor Cross Section Stranded max.	50 mm ²		
Rated Voltage	1100 V		
Rated Current	126 A		
Tightening Torque	3 Nm		
Operating Temperature Range	-40 to +85 °C		