PTB35/50
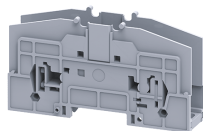
50 sq.mm Stud Type Power Terminal Blocks

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

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
2 Conductors with same Cross Section Stranded min	1.5 mm²
2 Conductor with same Cross Section Stranded max	50 mm²

DIMENSIONS

Height with DIN 35 x 15 mm rail	68.3 mm
Height with DIN 35 x 7.5 mm rail	61 mm
Length	113 mm
Width (Thickness)	25 mm

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
PTB35/50	50 sq.mm Stud Type Power Terminal Block in Grey colour	10
PTB35/50R	50 sq.mm Stud Type Power Terminal Block in Red colour	10
PTB35/50Y	50 sq.mm Stud Type Power Terminal Block in Yellow colour	10
PTB35/50GN	50 sq.mm Stud Type Power Terminal Block in Green colour	10
PTB35/50BU	50 sq.mm Stud Type Power Terminal Block in Blue colour	10

ACCESSORIES

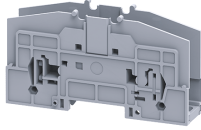| IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA701-1M	Din 35 Rail unslotted 1 meter	50
	CA701-2M	Din 35 Rail unslotted 2 meter	50
	CA701-2M-S	Din 35 Rail slotted 2 meter	50
	CA701-1M-S	Din 35 Rail slotted 1 meter	50
	CA701-15-1M	Din 35 Rail 15 deep unslotted 1 meter	50
	CA701-15-1M-S	Din 35 Rail 15 deep 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
	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
	CA703/9	Permanent Shorting Links for 2 way shorting.	10
	CA704/9	Permanent Shorting Links for 3 way shorting.	10
	CA705/9	Permanent Shorting Links for 4 way shorting.	10
	CA509/K9	Blank Marking Tag	100
	MHPTB35	Marker Holder Suitable for PTB35/50	10
	PSPTB35/50	Protective Cover suitable for PTB35/50	20

APPROVALS

CE | CSA us | RU us | VDE | AEx | IEC | LR | INMETRO

NOTES

The Rated current is with the use of copper (Cu) conductor/Wire

PTB35/50

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 mm²
Conductor Cross Section Stranded max.	2 AWG	2 AWG	50 mm²
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 mm²		
Conductor Cross Section Stranded max.	50 mm²		
Rated Voltage	1100 V		
Rated Current	126 A		
Tightening Torque	3 Nm		
Operating Temperature Range	-40 to +85 °C		