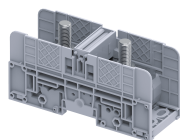


PTB185/240


**connectwell**  
 THE RIGHT CONNECTION

### 240 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 holds the 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.

#### TECHNICAL DATA

Rated Voltage	1000VAC/1500 VDC
Rated Current	415 A
Tightening Torque	14 Nm
Housing Material	Polymide
Standard Colour	Grey
Product Function	Power Terminal Block
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 35/DIN 35-15 Rail
Stud Size	M12
Operated by	Nut Driver
Rated Surge Voltage	8 KV
Pollution Degree	3

#### CONNECTION DATA

Conductor Cross Section Stranded min.	10 mm <sup>2</sup>
Conductor Cross Section Stranded max.	240 mm <sup>2</sup>
Conductor Cross Section AWG/Kcmil min	8 AWG
Conductor Cross Section AWG/Kcmil max	600 kcmil

#### DIMENSIONS

Height with DIN 35 x 15 mm rail	87.4 mm
Height with DIN 35 x 7.5 mm rail	79.9 mm
Length	152 mm
Width (Thickness)	55 mm

#### ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
PTB185/240	240 sq.mm Stud Type Power Terminal Block in Grey colour	2

#### 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

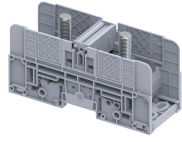
#### ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	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
	CA509/K16	Marking Tag Blank suitable for CTS35UNA / CGT35U Terminal Blocks	100
	CA703/13	Permanent Shorting Links for 2 way shorting.	10
	CA704/13	Permanent Shorting Links for 3 way shorting.	10
	MC16	MARKER CARD 16MM PITCH WITH 24 TAGS	10

#### NOTES

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

PTB185/240



**connectwell**  
THE RIGHT CONNECTION

**RATINGS AS PER STANDARDS**

<b>STANDARDS</b>	<b>UL 1059</b>	<b>IEC/EN60947-7-1</b>
Conductor Cross Section Stranded min.	8 AWG	10 mm <sup>2</sup>
Conductor Cross Section Stranded max.	600 AWG	240 mm <sup>2</sup>
Rated Voltage	1000 V	1000VAC / 1500 VDC
Rated Current	420 A	415 A
Tightening Torque	124 lb-in	14 Nm