

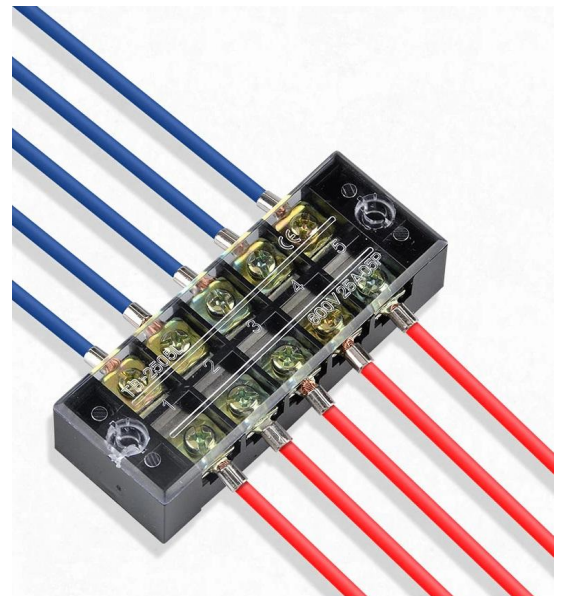
# ProMax Terminal Strip Barrier Block with Transparent Cover

ProMax Terminal Strip Barrier Blocks are a series of modular connectors designed for wire-to-wire connections and managing complex electrical connections. They are used for wire connections in industrial control panels and high-power applications. The terminal block comes with surface mounting options and can be secured to the control panel body using mounting screws. They are popularly used for power distribution, connecting multiple high power loads in parallel, battery power distribution, etc

Outer bodies of Terminal Blocks are made up of thermoplastic material with excellent electrical insulation and mechanical strength. This connector has high insulation between adjacent contacts, low contact resistance between wire and contact, and high flammability resistance. ProMax Terminal blocks are preferred in industrial environments in harsh and corrosive environments.

Different types of lugs or ferrules can be used to connect the wires to Terminal Blocks e.g., pin-type, tubular, fork type and ring-type lugs depending on the application area.

The terminal strips are available in a variety of models based on - max. Current carrying capacity, no of poles, etc. You can use this document to identify the required model no before ordering.



## Features

- ProMax Terminal Connectors come with a glass cover to prevent contact corrosion and provide electrical insulation to operators and service engineers. Protects against accidental touching of live wires
- Brass-Copper Contacts are suitable for high current applications of upto 600V AC & 60A (depending on models)
- Screw terminals let users secure a wide range of cable sizes
- The whole connector can be surface mounted to control panels/enclosures using the screw holes on the body. This ensures secure mounting and vibration-free operation
- The Terminal is available in different sizes and current ratings. Users can choose from a wide range of connectors that suit their applications.

## Applications

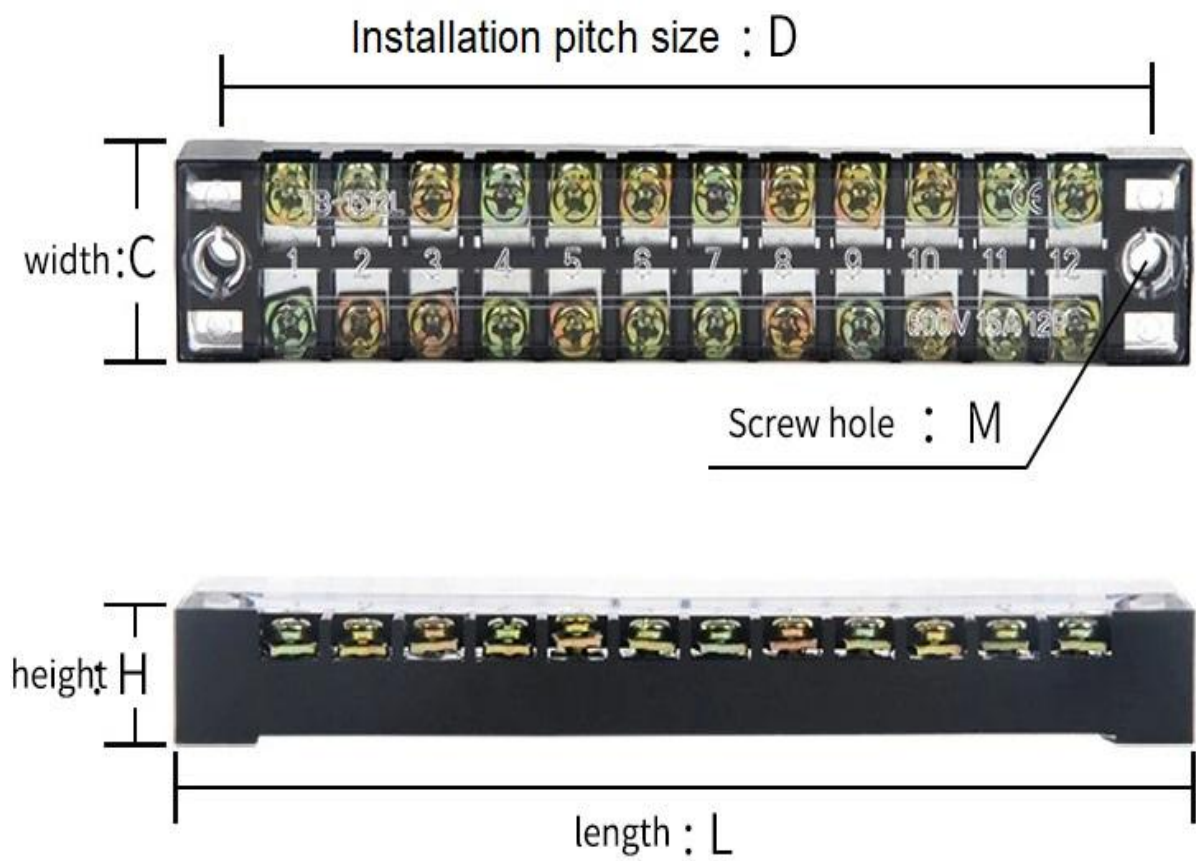
- Suitable for Power Distribution, Load Splitting & Battery Load Distribution Connections
- Widely used in control panel boards for wiring distribution

- Suitable for Standard Feedthrough (1:1) & Multiple Connection (1:N) connections
- Alternative to Fuse Terminals & Bus bar Terminals where applicable
- Suitable Grounding / Earth Terminal Blocks

## Table of Contents

<b>Features</b>	<b>1</b>
<b>Application</b>	<b>1</b>
<b>Table of Contents</b>	<b>2</b>
<b>Product Parameters and Dimensions</b>	<b>3</b>
<b>Ordering Information</b>	<b>4</b>
<b>Accessories</b>	<b>6</b>

1. Product Parameters and Dimensions



Current	15A 25A 45A	Voltage	600V
Section Number	Subject to the actual product	Conductor cross section	0.5-25mm <sup>2</sup>
Installation method	Screw installation	Shell features	Insulating shell

## 2. Ordering Information

<u>PTB</u>	<u>AA</u>	<u>W</u>
ProMax Terminal Block	Rated current(A)	Wiring digits

Ex. Part No: **PTB1504** is a ProMax Terminal Block with 15A Rated Current, 4 Wiring connection.

Above Part Code	Description and Possible Values	Possible Values
ProMax Terminal Block	Identifies part as ProMax's Terminal Block	PTB
Rated current (A)	Indicates the Rated Current Capacity of conductor	15 = 15A 25 = 25A 45 = 45A 60 = 60A 100 = 100A
Wiring digits	Indicates the No of Poles Connection	02 = 2 Pole 03 = 3 Pole 04 = 4 Pole 05 = 5 Pole 06 = 6 Pole 10 = 10 Pole 12 = 12 Pole



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Available Models, part numbers and max current ratings -

Product Model No	Acceptable Wire Range sq. mm	Max. Current Amps	Max. Voltage A C V	Length (mm) L	Height (mm) H	Width (mm) C	Mounting Hole Dist. (mm) D	Screw Size M
PTB-1503	0.5-1.5	15	600	45	17	22	35	M3
PTB-1504	0.5-1.5	15	600	54	17	22	44	M3
PTB-1505	0.5-1.5	15	600	63	17	22	53	M3
PTB-1506	0.5-1.5	15	600	72	17	22	62	M3
PTB-1510	0.5-1.5	15	600	107	17	22	98	M3
PTB-1512	0.5-1.5	15	600	125	17	22	116	M3
PTB-2503	0.5-2.5	25	600	55	19	30	44	M4
PTB-2504	0.5-2.5	25	600	66	19	30	56	M4
PTB-2505	0.5-2.5	25	600	78	19	30	69	M4
PTB-2506	0.5-2.5	25	600	91	19	30	81	M4
PTB-2510	0.5-2.5	25	600	140	19	30	129	M4
PTB-2512	0.5-2.5	25	600	163	19	30	153	M4
PTB-4503	0.5-4	45	600	70	23	37	59	M5
PTB-4504	0.5-4	45	600	86	23	37	76	M5
PTB-4505	0.5-4	45	600	102	23	37	93	M5
PTB-4506	0.5-4	45	600	120	23	37	109	M5
PTB-4510	0.5-4	45	600	186	23	37	177	M5
PTB-4512	0.5-4	45	600	220	23	37	209	M5
PTBC-6003	0.5-10	60	600	75	30	38	64	M6
PTBC-6004	0.5-10	60	600	92	30	38	82	M6
PTBC-6006	0.5-10	60	600	128	30	38	115	M6
PTBC-6012	0.5-10	60	600	234	30	38	223	M6
PTBC-1003	0.5-25	100	600	86	35	43	75	M6
PTBC-1004	0.5-25	100	600	108	35	43	97	M6
PTBC-1006	0.5-25	100	600	152	35	43	141	M6
PTBC-10012	0.5-25	100	600	283	35	43	271	M6

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## 3. Related Accessories and Parts

SI No	Product Image	Description & Application
1		<p>We have a wide range of wire end terminals, ferrules and connectors.</p> <p>Use it in your cable connections to build professional wiring, increase wiring life, prevent shorts, and simplify service and maintenance.</p>
2		<p>ProMax also manufactures a wide range of handheld crimp tools for adding ferrules &amp; crimp pins to wire ends.</p> <p>Ergonomically designed to provide the best quality crimp finish with minimum application of force. Suitable for continuous usage with minimum operator fatigue.</p> <p>Ordering Information -</p> <ul style="list-style-type: none"><li>• <a href="#">PRO2088</a> - Crimping Tool Kit for JST, Jumper, Lugs, Ferrule, etc</li><li>• <a href="#">PRO3245</a> - ProMax HSC8 crimping tool for Lugs &amp; Ferrules with Square Crimp</li><li>• <a href="#">PRO3246</a> - ProMax HSC8 crimping tool for Lugs &amp; Ferrules with Hex Crimp</li><li>• <a href="#">PRO3244</a> - ProMax HSC8 crimping tool for Lugs &amp; Ferrules with Square Crimp</li></ul>



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