

ProMax Push-in Wire Connector Terminal Block is useful for making fast, easy and reliable electrical connections. These connectors are designed for making wire-to-wire connections in testing, prototyping, and also in final production wiring. Use the spring-loaded handle to make wire-to-wire connections without the need for specialised tools like soldering irons, crimps, or screwdrivers. Wiring can be made and changed on the go in the field in seconds. The connectors are available in multiple sizes, configurations, mounting styles, and colour handles. Being compact in size the push-in wire connectors connector fits perfectly in tight spaces and can be used in all kinds of junction boxes and control panels.

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. The conductors are manufactured for high current ratings.



The Push-in Wire Connector terminal block is available in a variety of models based on - No of poles, Splitting Arrangements, Mounting Style, Handle Colour, Shapes etc. You can use this document to identify the required model no before ordering.

Features

- Useful for quick wiring without the need for soldering, screw terminals, or other specialized tools
- Simple Tool Free Operation unlock by pulling open the handle, push in the wires and press lock the handle
- Suitable for wire extending, wire splitting, generic cabling and wiring
- High max current of 32A ensures connectors can be used for both power and signal wiring
- 1:N connection variant allows the looping through of the supply lines for additional devices
- Re-useable No screwdriver required
- Combines push-in connector with lock/unlock spring mechanism
- For fine-stranded conductors at lighting input
- Use with typical voltage current of 250 V / 32 A
- Very flexible application suitable for multiple wiring and cabling scenarios
- Tool-free application for easy, time-saving, safe connection





• The only option for wiring when working on tight spaces

Applications

- These connectors can be used for wire extensions, wire splitting, generic cabling
- 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
- Perfect for Test, Prototyping and Experimentation
- Also suitable for production as the spring loaded contacts offer high strength and reliability

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1. Technical Specifications

Parameter	Value
Rated voltage	250V/4KV
Rated current	32A
Shell material	Flame retardant PC
Rated power	7KW
Connection material	Copper
Wiring range	0.08-4.0mm²/AWG28-12

2. Ordering Information

<u>PMFC</u>	Ē	<u>P</u>	<u>s</u>	MX
ProMax Mini Fast Connector	Feed Type	No of Poles	No of Pole Split	Mounting Style

Ex. Part No: **PMFCS013M3** is a ProMax Mini Fast Connector Straight Feed with 1 pole splitted into 3 Wiring connection With Din-Rail Mount.

Above Part Code	Description and Possible Values	Possible Values
PMFC	Identifies part as ProMax's Mini Fast Connector	PMFC
F	Terminal Feed Position Style	S = Straight Feed T = T Feed U = U Feed
Р	Indicates the No's of Individual Poles	01 = 1 Pole 02 = 2 Pole 03 = 3 Pole 04 = 4 Pole 05 = 5 Pole
S	Indicates the Spliting arrangements for each Pole P	1 = 1:1 2 = 1:2 3 = 1:3 4 = 1:4 5 = 1:5
МХ	Mounting Style	M1 = Snap Mount M2 = Screw Mount M3 = Din Rail Mount

F, P and S Cannot be Manufactured in all combinations ,Contact us to check if the model of your requirement can be Manufactured



3.General Parameters

Sample Photo	Circuit Diagram	Description
		Model No : PMFCS011M1 is a ProMax Mini Fast Connector Straight Feed with 1 pole splitted into 1:1 Wiring connection With Snap Mount
		Model No : PMFCS021M1 is a ProMax Mini Fast Connector Straight Feed with 2 pole splitted into 1:1 Wiring connection With Snap Mount
		Model No : PMFCS031M1 is a ProMax Mini Fast Connector Straight Feed with 3 pole splitted into 1:1 Wiring connection With Snap Mount
		Model No : PMFCS041M1 is a ProMax Mini Fast Connector Straight Feed with 4 pole splitted into 1:1 Wiring connection With Snap Mount
		Model No : PMFCS051M1 is a ProMax Mini Fast Connector Straight Feed with 5 pole splitted into 1:1 Wiring connection With Snap Mount



Sample Photo	Circuit Diagram	Description
		Model No : PMFCS012M1 is a ProMax Mini Fast Connector Straight Feed with 1 pole splitted into 1:2 Wiring connection With Snap Mount
		Model No : PMFCS013M1 is a ProMax Mini Fast Connector Straight Feed with 1 pole splitted into 1:3 Wiring connection With Snap Mount
		Model No : PMFCS014M1 is a ProMax Mini Fast Connector Straight Feed with 1 pole splitted into 1:4 Wiring connection With Snap Mount
		Model No : PMFCS015M1 is a ProMax Mini Fast Connector Straight Feed with 1 pole splitted into 1:5 Wiring connection With Snap Mount



Sample Photo	Circuit Diagram	Description
		Model No : PMFCT012M2 is a ProMax Mini Fast Connector T Feed with 1 pole splitted into 1:2 Wiring connection With Screw Mount
	T	Model No : PMFCT013M2 is a ProMax Mini Fast Connector T Feed with 1 pole splitted into 1:3 Wiring connection With Screw Mount
		Model No : PMFCS022M2 is a ProMax Mini Fast Connector Straight Feed with 2 pole splitted into 1:2 Wiring connection With Screw Mount
		Model No : PMFCS023M2 is a ProMax Mini Fast Connector Straight Feed with 2 pole splitted into 1:3 Wiring connection With Screw Mount
		Model No : PMFCS032M2 is a ProMax Mini Fast Connector Straight Feed with 3 pole splitted into 1:2 Wiring connection With Screw Mount
Contraction of the second seco		Model No : PMFCS033M2 is a ProMax Mini Fast Connector Straight Feed with 3 pole splitted into 1:3 Wiring connection With Screw Mount



4. Related Accessories and Parts

SI No	Product Image	Description & Application
1		This is an entry level, wire to wire connector for generic wiring, 2 Pole Screwless Crimp Terminal Block
2		We have a wide range of wire end terminals, ferrules and connectors. Use it in your cable connections to build professional wiring, increase wiring life, prevent shorts, and simplify service and maintenance.
3	CORLIN	 ProMax also manufactures a wide range of handheld crimp tools for adding ferrules & crimp pins to wire ends. Ergonomically designed to provide the best quality crimp finish with minimum application of force. Suitable for continuous usage with minimum operator fatigue. Ordering Information - PRO2088 Crimping Tool Kit for JST, Jumper, Lugs, Ferrule, etc PRO3245 ProMax HSC8 crimping tool for Lugs & Ferrules with Square Crimp PRO3246 ProMax HSC8 crimping tool for Lugs & Ferrules with Hex Crimp PRO3244 ProMax HSC8 crimping tool for Lugs & Ferrules with Square Crimp



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