



Reliability & Quality Is Our Motto!



Complete Range of MCB for Your Protection Against
Short Circuits Causing Fire

KEY FEATURES OF Prasanna[®] MCB



10kA Short-Circuit Breaking Capacity

With an advanced design, the Prasanna circuit breakers deliver a superior performance for protection against short-circuits. This ensures complete protection for residential, commercial and industrial applications.



IP20 Captive Screw Terminats

The screw terminals have an IP20 degree of protection which keeps all live parts out of human reach, ensuring safety. The captive screws do not fall on the ground allowing ease of installation.



35sqmm Terminal Size

These terminals can accommodate wires upto 35sqmm cross-section. This helps in heat dissipation which in turn enhances the durability of circuit breakers. It supports both flexible and solid wires.

Air Vent Channels

The air vent channels allow continuous air flow between the circuit breakers when mounted inside a distribution board. This helps in cooling the circuit breakers and increases their durability.



Fast Trip Mechanism

Prasanna circuit breakers are designed to limit the rise of prospective current. This decreases the reaction time of circuit breakers in faulty conditions, to support faster tripping. The hammer trip mechanism separates the moving contact quickly to ensure minimum tripping time. This allows for a lower emission of energy.



Line-Load Reversibility

Prasanna circuit breakers comes with a line-load reversibility feature. This allows maximum flexibility and an optimum use of wiring.



Available MCB Tested As Per IS/IEC 60898

RANGE	Single Pole	Dubble Pole	Three Pole	Four Pole
6 AMP	156/-	351/-	585/-	846/-
10 AMP	156/-	351/-	585/-	846/-
16 AMP	156/-	351/-	585/-	846/-
20 AMP	156/-	351/-	585/-	846/-
25 AMP	156/-	351/-	585/-	846/-
32 AMP	156/-	351/-	585/-	846/-
40 AMP	186/-	420/-	690/-	978/-
63 AMP	216/-	504/-	780/-	1089/-

• Prices are subject to change without notice.

• GST Extra : 18%

• Product development is a continuous process. Features can change from what is shown in the catalog.

TECHNICAL INFORMATION : MINIATURE CIRCUIT BREAKER

Curves	B Curve	C Curve	D Curve
Standard Conformity	IS/IEC 60898-1	IS/IEC 60898-1	IEC 60947-2
Rated Current (A)	6A-32A	0.5A-63A	6A-63A
Poles Configuration	Single Pole	Single Pole, Double Pole, Three Pole & Four Pole	
Rated Voltage (V)	240V/415V AC	Single Pole: 240V/415VAC; Multi-pole: 415V AC	
Rated Short Circuit Breaking Capacity (kA)	10kA	10kA	6A-32A: 10kA, 40A-63A: 4.5kA
Utilization Category Magnetic Release Setting	3-5In	5-10In	10-20In
Rated Insulation Voltage (V)	690V	690V	690V
Rated Impulse Voltage (V)	4	4	4
Mechanical & Electrical Endurance (Nos.)	4,000	4,000	4,000
Ambient Temperature (°C)	-5°C to 60°C	-5°C to 60°C	5°C to 60°C
Terminal Size	35sqmm	35sqmm	35sqmm
Rated Frequency (Hz)	50	50	50
Vibration Resistance	3g	3g	Bg
Shock Resistance	40mm Free Fall	40mm Free Fall	40mm Free Fall
Degree of Protection	IP20	IP20	P20
Installation Position	Horizontal/ Vertical	Horizontal/Vertical	Horizontal/Vertical
Mounting	Clip On DIN Rail (35mm x 7.5mm)	Clip On DIN Rail (35mm x 7.5mm)	Clip On DIN Rail (35mm x 7.5mm)

For More Information Contact :

3WM Technologies



📍 **Reg. Office :** B-710, Punit Tower-2, Sec.-11, CBD Belapur, Navi Mumbai - 400614

📍 **Corp. Office :** No 508, Hillton Center, CBD Belapur, Navi Mumbai - 400614.

📍 **Pune office :** D503, Swiss County, Nr. PCMC School, Opp. Varroc, Thergaon Chinchwad - 411033.

📍 **Dispatch Center :** Shop No. 10, Punit Tower - 2, Sector - 11, CBD Belapur, Navi Mumbai - 400614.

☎ **+91-8108418929 / 9967014407**

✉ **3wmtechnologies@gmail.com**

GSTIN: 27AAAFZ3839J1ZR