



# The State of Being Safe!



## 6kA

### BENEFITS:

- Close Overload Protection • Short Circuit Protection
- Consistent Performance • Finger Touch Proof



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# Playing It Safe.



When it comes to your house, undoubtedly there is nothing more reliable than the Rakshak range of Miniature Circuit Breakers. This is not just any ordinary MCB but a marvel in the entire MCB industry. Developed by a set of expert engineers in HPL's world class R&D labs with just one sole purpose in mind—to protect you and your electrical equipments. It is designed to be the perfect defence system for your electrical equipments against overloads and short circuits. Its unique superior current limiting technology limits the flow of let through energy and helps rapid extinguish of Arc, thus ensuring the safety of wires, cables & equipments from damage.

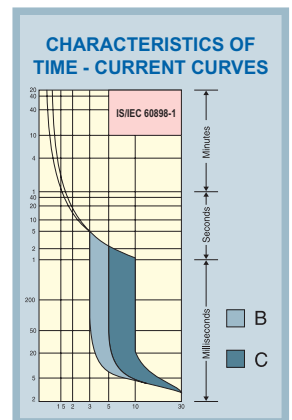
## Features

- Certified to IS/IEC 60898-1.
- Designed for mounting in any regular distribution boards.
- Easy mounting on DIN Rail.
- Sleek, light, flame retardant body.



## Technical Data

- Current Rating: 6, 10, 16, 20, 25, 32, 40, 50 & 63 Amps. 1P, 1P+N, 2P, 3P, 3P+N, 4P.
- Voltage Rating: 240/415 V AC 50 Hz.
- Low watt loss hence energy saving.



## Breaking Capacity

- 6kA (6000 Amps).



## Tripping Characteristics

### B Curve

- Protection against over current for sensitive devices.
- The Magnetic Trip unit operates between 3-5 In.

**Example :** Computers, Electrical equipments, etc.

### C Curve

- The Magnetic Trip units operate between 5-10 In.
- Protection against over currents for inductive load applications.

**Example :** Air conditioners, Motor pump sets, etc.



## Temperature working range

- -5°C to 55°C (with de-rating)

Watt Loss Chart	
Rating	Watt loss (Watts)
06 < In < 10	0.80
10 < In < 16	2.05
16 < In < 25	2.70
25 < In < 32	3.60
32 < In < 40	4.20
40 < In < 63	5.80

## Connections

- Terminal Capacity: upto 25mm<sup>2</sup>

**ALSO AVAILABLE IN  
HPL RAKSHAK RANGE  
ISOLATOR UPTO 63 AMP.  
WIDE RANGE AND VARIETY  
OF DISTRIBUTION BOARDS  
(SYSTEMS).**



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