

250A 4P Thermal Adjustable Molded Case Circuit Breaker

This molded case circuit breaker (MCCB) is rated for 250A and features 4 poles. It offers adjustable thermal settings for overload protection and complies with IEC60947-2 standards.



Product Overview

High-Performance TRM Series MCCB

The TRM series molded case circuit breaker is designed for reliable power distribution and circuit protection in industrial and commercial environments. This 4-pole, 250A unit features thermal adjustability (0.8In to 1.0In) to allow for precise overload protection tuning. Built to comply with international IEC/EN 60947-2 standards, it ensures high breaking capacity and operational safety with a 100% Ics rating.

Technical Performance

Rated Performance Metrics

250 A

Rated Current (In)

1000 V

Insulation Voltage (Ui)

8 kV

Impulse Withstand (Uimp)

50 kA

Breaking Capacity (Icu @ 415V)

Electrical Specifications

Parameter	Value
Rated Operational Voltage (Ue)	AC 240/415V
Rated Frequency	50/60 Hz
Service Breaking Capacity (Ics)	100% Icu (H-Type) / 50% Icu (S-Type)
Mechanical Life	7000 cycles
Electrical Life	1000 cycles

Physical Dimensions

Unit Dimensions

Configuration	L x W x H (mm)
1-Pole	150 x 38 x 60
3-Pole	165 x 105 x 60
4-Pole	130 x 140 x 60

Operating Environment

Standard Use Environment

- Ambient Temperature: -5°C to +55°C (Derating recommended above 40°C)
- Relative Humidity: 45% to 85%
- Altitude: d 2000m (Atmospheric correction required > 1000m)
- Atmosphere: Free from excessive steam, oil, smoke, dust, or corrosive materials

