

250A Molded Case Circuit Breaker (MCCB)

This molded case circuit breaker (MCCB) is designed for AC 400/415V electrical systems. It provides overcurrent and short-circuit protection.



ADDITIONAL IMAGES



Overview

High-Performance Molded Case Circuit Breaker

This 250A MCCB is designed for reliable protection in AC 400/415V electrical systems, offering stable performance across a wide range of industrial applications. It features a compact design with effective arc shortening technology and high-quality silver contacts for enhanced conductivity and longevity. With multiple wiring options and a comprehensive suite of compatible accessories, it provides a flexible and robust solution for overcurrent and short-circuit protection.

Electrical Ratings

Rated Current

250 A

Rated Current (In)

Voltage Specifications

Parameter	Value
Rated Operational Voltage (Ue)	AC 400/415V
Insulation Voltage (Ui)	AC 800V
Impulse Withstand Voltage (Uimp)	8kV
Frequency	50/60Hz

Breaking Capacity

Short-Circuit Breaking Capacity

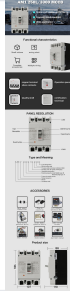
Type	Icu (Ultimate)	Ics (Service)
L (Standard)	35kA	25kA
M (Middle)	50kA	35kA

Protection Features

Protection Settings

- Short-circuit setting current: $10I_n$
- Ambient operating temperature: Up to $+40^{\circ}\text{C}$
- Effective arc shortening technology
- Overcurrent protection

Construction & Design



Detailed breakdown of the MCCB components including panel resolution, internal contact materials, and available mounting accessories.

Design Features

- Copper terminals with silver contacts
- High-quality durable shell
- Manual toggle operation handle
- Integrated reset button
- Compact volume for space-saving installation

Physical Dimensions

Product Dimensions

Dimension	Value
Height	165mm
Width	107mm
Depth	110mm
Side Profile	86mm

Accessories & Options

Compatible Accessories

Back panel connection, Plug-in connection, Electromagnetic operation, Motor-driven operation, Rotary handle, Under-voltage release, Shunt release, Alarm contact, Auxiliary contact

Compliance

Standards & Certifications

IEC60947-2 • CE • ISO 9001