

# Molded Case Circuit Breaker

This molded case circuit breaker protects electrical circuits from overload and short circuits. It features adjustable thermal and magnetic trip settings, allowing customization for specific application requirements.



## ADDITIONAL IMAGES



## Overview

### Professional Grade MCCB

This Molded Case Circuit Breaker (MCCB) is engineered for reliable protection of electrical circuits against overload and short-circuit conditions. Designed for versatility, it supports manual control via toggle or rotary handles and offers flexible connection options including fixed and plug-in configurations. Built to meet international standards including IEC60947 and EN60947-2, it ensures consistent performance in demanding industrial and commercial environments.

## Electrical Characteristics

Rated Current Range	16A to 1600A
Rated Insulation Voltage (Ui)	800 V
Rated Impulse Withstand Voltage (Uimp)	8 kV
Rated Operational Voltage (Ue)	AC 50/60Hz, 690V
Utilization Category	A

## Mechanical & Design

### Control Mechanism

- Manual toggle
- Direct rotary handle
- Extended rotary handle

### Connection Options

- Fixed: front connections
- Plug-in: front connections
- Plug-in: rear connections

Number of Poles

3P, 4P

## Performance Metrics

### Mechanical Endurance

**20000 cycles**

CNSD100-250

**10000 cycles**

CNSD400-1600

### Electrical Endurance

**10000 cycles**

CNSD100-250

**5000 cycles**

CNSD400-1600

## Auxiliaries

### Indication and Control Auxiliaries

Auxiliary switch • MX Shunt coil • MN under-voltage coil