

# Molded Case Circuit Breaker 800-1600A

This molded case circuit breaker provides electrical protection in distribution systems. It has adjustable trip settings for overload and short-circuit protection.



## ADDITIONAL IMAGES



## Overview

### High-Performance Molded Case Circuit Breaker

This series of molded case circuit breakers (MCCB) is engineered for robust electrical protection in industrial and commercial distribution systems. Designed to operate within a wide current range of 800A to 1600A, these breakers ensure reliable performance for critical infrastructure. They feature advanced trip unit technology with adjustable settings for overload and short-circuit protection, complying with international IEC and EN 60947-2 standards.

## Electrical Specifications

Rated Current	800A, 1000A, 1250A, 1600A
Rated Insulation Voltage (Ui)	800 V
Rated Impulse Withstand Voltage (Uimp)	8 kV
Rated Operational Voltage (Ue)	AC 50/60Hz, 690V

## Performance Metrics

### Mechanical Operations

**10000 ops**

Mechanical Cycles

**5000 ops**

Electrical Cycles (440V)

### Breaking Capacity Levels (kA)

Voltage (V)	N Level	H Level
220/240	85	85
380/415	50	70
440	50	65
500/525	40	50
660/690	30	42

## Configuration

### Number of Poles

3P • 4P

### Connection Options

- Fixed: Front connections
- Plug-in: Front connections
- Plug-in: Rear connections

### Control Method

Manual with toggle or direct/extended rotary handle

## Features

### Protection Capabilities

- Overload protection (Long-time delay)
- Short-circuit protection (Short-time delay)
- Instantaneous protection
- Neutral protection (4P models only)

### Available Auxiliaries

Auxiliary Switch, MX Shunt Coil, MN Under-voltage Coil