

# LCD Electrical Molded Case Circuit Breaker

Advanced technology ensures high safety performance and complete protection. This molded case circuit breaker is designed for electrical protection and control in power distribution systems.



## Overview

### Advanced Electrical Protection

This molded case circuit breaker (MCCB) is engineered for robust electrical protection and control in power distribution systems. Featuring an integrated LCD display, it allows for precise monitoring and parameter setting to enhance system reliability. Designed for versatility, it supports AC 50/60Hz circuits with rated working voltages up to 690V, ensuring equipment safety and preventing unnecessary power outages.

## Electrical Ratings

Rated Frame Current (Inm)	400 A
Nominal Current (In)	400 A
Rated Insulation Voltage (Ui)	1000 V
Rated Impulse Withstand Voltage (Uimp)	12 kV

## Performance Metrics

### Breaking Capacity Specifications

Voltage (V)	Icu (Ultimate) (kA)	Ics (Service) (kA)
400/415	70	55
660/690	20	15

Thermal Overload Current (Ir1)	0.4 - 1.0 x In
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## Standards & Compliance

Compliance Standards	GB/T14048.2, IEC60947.2, CE
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## Features

### Core Capabilities

- LCD display for monitoring and parameter setting
- Motor protection capability
- Frequency range 50/60Hz
- Suitable for infrequent circuit conversion