

# Molded Case Circuit Breaker

This molded case circuit breaker is designed for reliable circuit protection. It is suitable for various industrial and commercial applications, ensuring safety and efficient power distribution.



## ADDITIONAL IMAGES



## Product Overview

### Next-Generation Circuit Protection

The ADM3 series represents a significant advancement in molded case circuit breaker design, featuring a more compact structure with a 40% volume reduction compared to previous models. Engineered for reliability, it incorporates a 40% increase in contact distance to enhance short-circuit breaking capacity and overall safety. This versatile MCCB is designed with a clamshell ontology that allows for the seamless integration of various internal accessories to meet diverse industrial requirements.

## Core Performance

### Key Performance Metrics

**100 kA**

Max Breaking Capacity

**12 kV**

Impulse Voltage (Uimp)

**1000 V**

Insulation Voltage (Ui)

## Technical Specifications

### Rated Current (In)

- 250A
- 630A
- 800A

### Frequency

50/60Hz

### Utilization Category

Category A

### Max Ambient Temperature

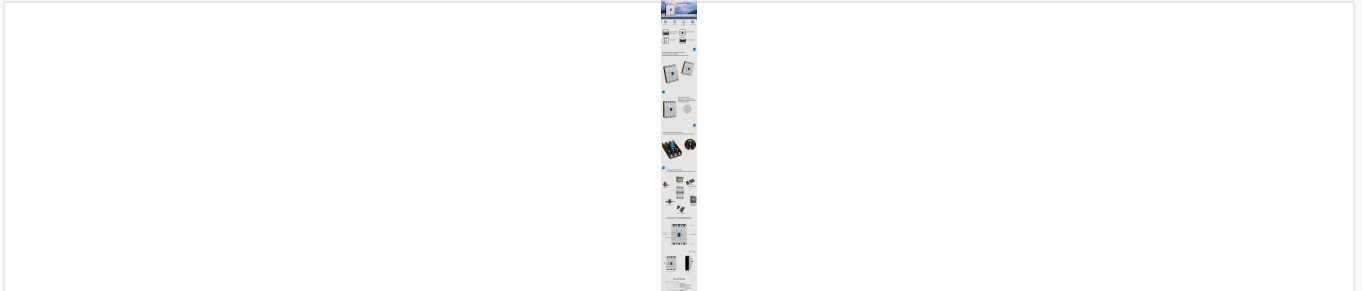
40 °C

## Breaking Capacity Data

### Short-Circuit Breaking Capacity (Icu/Ics)

Operational Voltage (Ue)	Capacity (kA) - 250A Model	Capacity (kA) - 630A Model
415V	50/35	50/35
690V	10/8	10/10

## Design Features



The new design features a compact volume, enhanced contact distance, and a modular clamshell design for easy accessory installation.

### Advanced Design Features

- Compact structure (40% volume reduction)
- Increased contact distance (40% improvement)
- Copper terminal with silver contacts
- Ontology clamshell design for internal attachments
- Six points off ability

### Compatible Internal Attachments

Shunt Release, Alarm Contact, Auxiliary Contact, Under-voltage Release, Motor Operating Mechanism

## Compliance

### Compliance Standards

IEC 60947-2 • GB/T 14048.2