

# Miniature Circuit Breakers

Miniature circuit breakers (MCBs) are electromechanical devices that protect electrical circuits from overcurrent and short-circuit faults. Designed to automatically interrupt the flow of electricity when a fault is detected, they prevent damage to equipment and reduce the risk of electrical fires.



## ADDITIONAL IMAGES



## Product Overview

### Essential Electrical Protection

This air circuit breaker is a critical component for low-voltage distribution networks and electric drive systems. It integrates control and protection functions, automatically interrupting current flow during short circuits, severe overloads, or undervoltage conditions. Designed for reliability, it ensures the safety of electrical equipment and can also be utilized for infrequent motor starting.

## Technical Configuration

### Protection Capabilities

- Short circuit protection
- Severe overload protection
- Undervoltage protection
- Manual control via toggle switch

### Device Type

Air Circuit Breaker • Miniature Circuit Breaker (MCB) • Molded Case Circuit Breaker (MCCB)

### Available Pole Configurations

1P, 2P, 3P, 4P

## Application

### Common Applications

- Residential electrical systems
- Commercial power distribution
- Industrial electrical infrastructure
- Electric drive systems