

Miniature Circuit Breaker

Miniature circuit breakers are electromechanical devices protecting electrical circuits from overcurrent caused by overload or short circuit. When a fault is detected, they automatically trip and interrupt the circuit, preventing equipment damage and reducing electrical fire risks.



Overview

What is a Miniature Circuit Breaker?

Miniature circuit breakers (MCBs) are essential electromechanical devices designed to protect electrical circuits from overcurrent caused by overloads or short circuits. When a fault is detected, these devices automatically trip to interrupt the circuit, preventing equipment damage and mitigating electrical fire risks. Unlike traditional fuses, MCBs are fully resettable and reusable, providing a safer and more convenient long-term solution for various electrical applications.

Technical Specifications

Safety Features

Automatic Tripping • Fire Prevention • Equipment Protection

Device Type	Miniature Circuit Breaker (MCB)
Primary Function	Overload Protection, Short Circuit Protection, Resettable