

# 6kA Miniature Circuit Breaker

This miniature circuit breaker is designed for single-phase and three-phase applications. It provides overload and short-circuit protection.



## Overview

### High-Performance Circuit Protection

This 6kA Miniature Circuit Breaker provides reliable overload and short-circuit protection for a wide range of electrical installations. Designed for both single-phase and three-phase applications, it is suitable for industrial, commercial, and residential environments. With positive isolation capabilities and robust construction, it ensures safety and longevity in diverse circuit protection scenarios.

## Electrical Ratings

### Rated Breaking Capacity

**6000 A**

Breaking Capacity

### Available Rated Currents

- 6
- 10
- 16
- 20
- 25
- 32
- 40
- 50
- 63

Rated Insulation Voltage	500 V
Rated Impulse Withstand Voltage	4000 V
Rated Frequency	50Hz / 60Hz

## Configuration

### Tripping Characteristics

B • C • D

Number of Poles	1P, 1P+N, 2P, 3P, 3P+N, 4P
-----------------	----------------------------

## Durability & Standards

### Certifications

CCC

### Mechanical Life

10000 cycles

### Electrical Life

6000 cycles

### Protection Degree

IP20

### Standards

IEC60898-1, GB/T10963.1

## Installation

### Grid Distance

45 mm

## Tripping Performance

### Tripping Characteristics Reference

Test	Test Current	Expected Result
a	1.13I <sub>n</sub>	Non-tripping (td1h)
b	1.45I <sub>n</sub>	Tripping (t<1h)