

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 _n | Non-tripping (td1h) |
| b | 1.45I _n | Tripping (t<1h) |