

# Miniature Circuit Breaker for Overcurrent Protection

Miniature circuit breakers are electromechanical devices designed to protect electrical circuits from overcurrents. These compact devices automatically interrupt the circuit when a fault is detected, preventing damage to equipment and reducing the risk of electrical fires.



## Product Overview

### Reliable Overcurrent Protection

This miniature circuit breaker is designed to automatically interrupt electrical circuits during overload or fault conditions, ensuring safety and equipment protection. Built with high-quality materials, the design features an innovative arc chamber that effectively manages internal heat flow. It is constructed for durability and fire prevention, making it a robust choice for residential, commercial, and industrial applications.

## Technical Specifications

|                       |  |
|-----------------------|--|
| Shell Material        | PA66 Nonflammable                                      |
| Arc Chamber Material  | Q195 Steel (Zn coated)                                 |
| Terminal Hardness     | 24 HRC   |
| Construction Features | 6 Aluminum Rivets, Thicker Shell, Heat Flow Management |

## Performance Metrics

### Performance Ratings

|                                    |  |  |
|------------------------------------|--|--|
| <b>3000 A</b><br>Breaking Capacity | <b>25 A</b><br>Current Rating (Option A) | <b>63 A</b><br>Current Rating (Option B) |
|------------------------------------|--|--|

## Applications

### Suitable Environments

- Residential
- Commercial
- Industrial