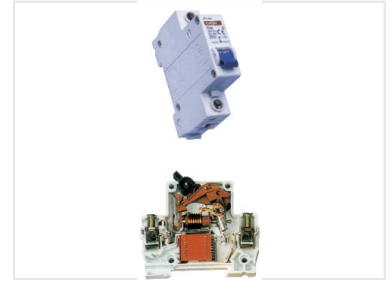


# Miniature Circuit Breaker for Overcurrent Protection

This miniature circuit breaker is designed for overcurrent and short-circuit protection in electrical circuits. It features a thermal-magnetic trip mechanism and a toggle actuator for manual operation.



## Product Overview

### C45N Series Circuit Protection

The C45N series miniature circuit breaker is engineered for robust overcurrent and short-circuit protection in various electrical circuits. Featuring a reliable thermal-magnetic trip mechanism and a compact design, it ensures rapid and safe disconnection during electrical faults. This unit is suitable for a wide range of residential, commercial, and industrial applications.

## Electrical Ratings

### Rated Current

**40 A**

Rated Current

|                           |       |
|---------------------------|-------|
| Rated Voltage             | 400 V |
| Insulation Voltage        | 500 V |
| Impulse Withstand Voltage | 4 kV  |

## Standards & Compliance

|                      |             |
|----------------------|-------------|
| Compliance Standards | IEC 60947-2 |
|----------------------|-------------|

## Technical Specifications

### Application Areas

- Residential
- Commercial
- Industrial

|                |                        |
|----------------|------------------------|
| Trip Mechanism | Thermal-magnetic       |
| Operation      | Manual toggle actuator |