

Miniature Circuit Breaker for AC Systems

This miniature circuit breaker is designed for overload and short-circuit protection in AC systems. It is suitable for electric equipment and lighting circuits, offering reliable performance in a compact design.



ADDITIONAL IMAGES



Product Overview

High-Performance Miniature Circuit Breaker

The C45 Miniature Circuit Breaker is a versatile protection solution designed for AC 50Hz/60Hz lighting and motor distribution systems. It provides reliable defense against overloads and short circuits while featuring a high-fire-resistant, shockproof plastic casing for enhanced safety. Its lightweight, neoteris structure ensures quick tripping and a long operational life, making it ideal for residential, commercial, and industrial applications.

Technical Performance

Breaking Capacity

6000 A

Standard Breaking Capacity

10000 A

Maximum Breaking Capacity

Breaking Capacity by Pole & Voltage

Poles	Voltage (V)	Breaking Capacity (A)
1 Pole	240	6000
2, 3, 4 Pole	415	6000
1 Pole	240	10000

Electrical Specifications



The C45 MCB is available in various pole configurations to suit different circuit requirements.

Rated Voltage

- 240V AC (Single Pole)
- 415V AC (Multi-Pole)
- 125V DC (Specific Models)

Rated Current Range

1A to 63A

Available Poles

1P, 2P, 3P, 4P

Compliance & Standards

Standards Compliance

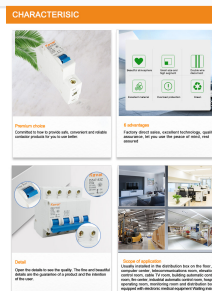
IEC 60898 • BS 3711 • BS 3871-1 • GB 10963

Design Features

Key Advantages

- High fire-resistant and shockproof plastic casing
- Quick-trip mechanism for enhanced safety
- Compact design for easy installation in distribution boards
- Double wire disconnect capability
- Clear ON/OFF status indicators

Applications



Designed for a wide range of applications from industrial automation to medical facilities.

Typical Applications

Lighting Circuits, Motor Distribution, Computer Centers, Telecommunications, Elevator Control, Hospitals, Industrial Automation