

Low Voltage Prepaid Molded Case Circuit Breaker

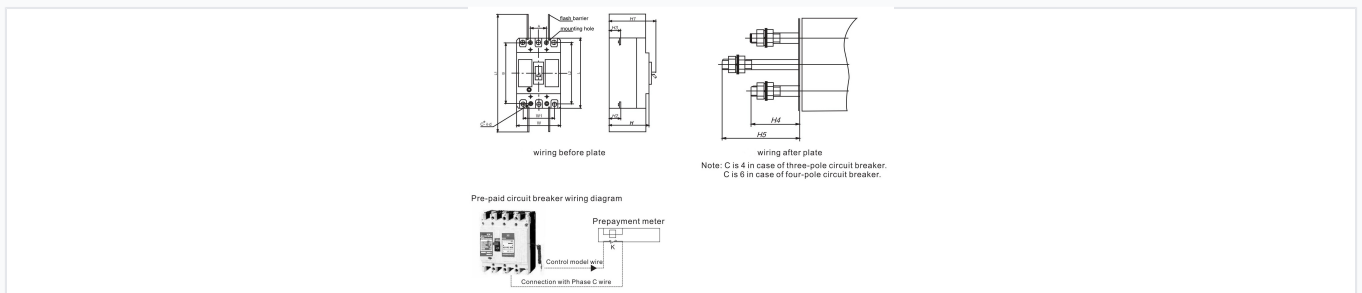
This low voltage MCCB is designed for prepaid electricity systems. It provides reliable protection against overloads and short circuits in low voltage power distribution networks.



ADDITIONAL IMAGES



Product Overview



Standard wiring diagram for prepaid installation and plate dimensions.

High-Performance Prepaid MCCB

The YFM1 series is a versatile, low-voltage molded case circuit breaker engineered for reliable power distribution and comprehensive circuit protection. Designed for AC 50Hz/60Hz networks, it provides effective defense against overload, short-circuit, and undervoltage conditions. With advanced arc-extinguishing technology and a robust dual-locking mechanism, this series ensures high operational stability and long-term durability in diverse electrical installations.

Design Features

Prepaid Capability • Compact Design • Visible ON/OFF Indicator • High Breaking Capacity

Technical Specifications

Voltage Ratings

800 V

Rated Insulation Voltage

690 V

Max Operating Voltage

Operating Characteristics

Parameter	Value/Range
Rated Current	10A - 800A
Frequency	50Hz / 60Hz
Pollution Grade	3rd
Impulse Withstand	6kV

Certifications

CE, IEC 60947-2, GB 14048.2

Environmental Conditions

Operating Environment

- Ambient air temperature: -5 to +40
- Daily average temperature: d +35
- Altitude: d 2000 meters
- Relative humidity: 90% (at 25) / 50% (at 40)