

Molded Case Circuit Breaker

Molded case circuit breakers are designed for AC power distribution systems. They provide protection and control of circuits against overloads and short circuits.



ADDITIONAL IMAGES



Product Overview

Advanced Circuit Protection

The GYCM3 and CBAR series molded case circuit breakers provide comprehensive protection for power distribution networks and motor applications. Designed for versatility, these units offer high breaking capacity in a compact, uniform form factor that simplifies installation and maintenance. Engineered to withstand demanding environments, they ensure reliable operation against overloads, short circuits, and undervoltage faults across various industrial settings.

Electrical Ratings

Key Electrical Metrics

800 A

Max Rated Current

1000 V

Insulation Voltage

70 kA

Ultimate Breaking Capacity

Operational Voltage

400V (690V)

Frequency

50/60Hz

Environmental Conditions

Operating Temperature

-5°C to +40°C (+45°C for Marine)

Max Altitude

2000 m

Resistance Capabilities

Humidity, Mold, Nuclear Radiation, Vibration, Earthquake (4g)

Installation & Standards

Standards Compliance

IEC60947-2 • GB/T14048.2 • GB/T32902

Protection Features

- Overload Protection
- Short Circuit Protection
- Undervoltage Protection
- Motor Protection
- Zero-sequence Protection
- Selective Tripping

Installation Orientation

Vertical or Horizontal