

Molded Case Circuit Breaker 800-1600A

This molded case circuit breaker provides electrical protection in distribution systems. It has adjustable trip settings for overload and short-circuit protection.



ADDITIONAL IMAGES



Overview

High-Performance Molded Case Circuit Breaker

This series of molded case circuit breakers (MCCB) is engineered for robust electrical protection in industrial and commercial distribution systems. Designed to operate within a wide current range of 800A to 1600A, these breakers ensure reliable performance for critical infrastructure. They feature advanced trip unit technology with adjustable settings for overload and short-circuit protection, complying with international IEC and EN 60947-2 standards.

Electrical Specifications

| | |
|--|---------------------------|
| Rated Current | 800A, 1000A, 1250A, 1600A |
| Rated Insulation Voltage (Ui) | 800 V |
| Rated Impulse Withstand Voltage (Uimp) | 8 kV |
| Rated Operational Voltage (Ue) | AC 50/60Hz, 690V |

Performance Metrics

Mechanical Operations

10000 ops

Mechanical Cycles

5000 ops

Electrical Cycles (440V)

Breaking Capacity Levels (kA)

| Voltage (V) | N Level | H Level |
|-------------|---------|---------|
| 220/240 | 85 | 85 |
| 380/415 | 50 | 70 |
| 440 | 50 | 65 |
| 500/525 | 40 | 50 |
| 660/690 | 30 | 42 |

Configuration

Number of Poles

3P • 4P

Connection Options

- Fixed: Front connections
- Plug-in: Front connections
- Plug-in: Rear connections

Control Method

Manual with toggle or direct/extended rotary handle

Features

Protection Capabilities

- Overload protection (Long-time delay)
- Short-circuit protection (Short-time delay)
- Instantaneous protection
- Neutral protection (4P models only)

Available Auxiliaries

Auxiliary Switch, MX Shunt Coil, MN Under-voltage Coil