

Electronic Molded Case Circuit Breaker

This electronic type molded case circuit breaker (MCCB) is designed for circuit protection. It controls over current releases with an electronic circuit via microprocessor.



ADDITIONAL IMAGES



Overview

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This electronic type MCCB is designed for reliable circuit protection in electrical distribution systems. Utilizing microprocessor-based control for over-current releases, it ensures high precision and performance even in demanding environments. The design prioritizes operational safety with direct opening capabilities during high circuit currents, effectively eliminating potential electronic circuit failures.

Key Features

Product Advantages

- Wide current range: 100A to 1600A (AC)
- Compact dimensions for space-saving installation
- Adjustable thermal setting (40-100% I_n)
- Adjustable magnetic setting (1.5-12 times I_n)
- Push-to-trip button provision
- Separate main and arcing contacts
- Wide range of accessories available

Technical Specifications

Certifications

CE • CB

Rated Current (I_n)	250 A
Rated Insulation Voltage (U_i)	690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Operational Voltage (U_e)	400/415V AC
Pole Configuration	3P, 4P

Performance Data

Breaking Capacity Metrics

Model	Icu (kA)	Ics (kA)
DAM1-250 (N)	35	26.25
DAM1-250 (S)	50	37.5
DAM1-250 (H)	65	48.75
DAM1-250 (G)	85	51