

250A 3-Pole Molded Case Circuit Breaker with Ground Fault Protection

This 250A three-pole molded case circuit breaker (MCCB) provides overcurrent and short-circuit protection. The integrated earth leakage circuit breaker (ELCB) component adds an extra layer of safety by detecting and interrupting ground faults.



ADDITIONAL IMAGES



Overview

Professional Circuit Protection

This 250A 3-pole Molded Case Circuit Breaker (MCCB) with integrated Earth Leakage Circuit Protection (ELCB) is designed for reliable performance in industrial and commercial power distribution systems. It provides comprehensive protection against overloads, short circuits, and ground faults, effectively minimizing electrical hazards. Compliant with international IEC/EN 60947-2 standards, this unit ensures safety and durability with a robust mechanical and electrical life cycle.

Electrical Ratings

Rated Current (In)

- 100
- 125
- 160
- 180
- 200
- 225
- 250

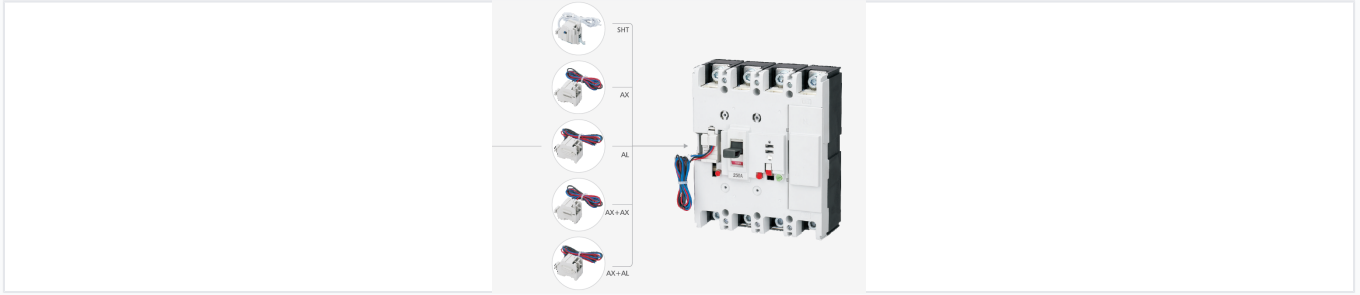
Rated Short-Circuit Breaking Capacity (Icu)

50 kA S-Type (240V AC)	65 kA H-Type (240V AC)	37 kA S-Type (415V AC)	50 kA H-Type (415V AC)
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Voltage Specifications

Metric	Value
Operational Voltage (Ue)	240/415V AC
Insulation Voltage (Ui)	1000V
Impulse Withstand (Uimp)	8kV

Protection & Features



Supports SHT, AX, and AL auxiliary components for remote monitoring.

Rated Residual Current (I_h)

30mA, 50mA, 100mA, 200mA, 300mA, 500mA

Trip Action Time

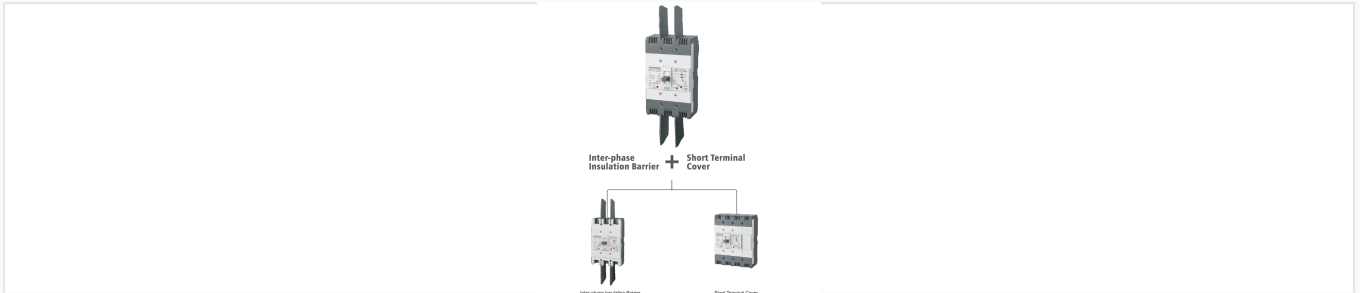
Adjustable: 0.1s / 0.3s / 0.5s or 0.45s / 1.0s / 2.0s

Operating Environment

Use Environment

- Ambient Temperature: -5°C to +40°C
- Altitude: ≤ 2000m
- Installation Class: III
- Pollution Degree: II

Physical Dimensions



Shows interphase barrier and terminal cover assembly.

Dimensions (3-Pole)

165mm x 105mm x 60mm