

125A Three-Pole Thermal Adjustable Circuit Breaker with Earth Leakage Protection

This is a compact, three-pole circuit breaker with thermal adjustment capabilities. It is equipped with earth leakage protection for use in electrical power transmission and distribution systems.



ADDITIONAL IMAGES



Overview

Professional Earth Leakage Circuit Breaker

This series of Earth Leakage Circuit Breakers (ELCB) is designed for robust performance in low-voltage power distribution systems. Compliant with international IEC/EN 60947-2 standards, these units provide reliable overcurrent, short-circuit, and ground fault protection. The design features adjustable thermal current and residual current settings, making it highly adaptable to specific industrial and commercial electrical requirements.

Technical Specifications

Key Electrical Metrics

125 A

Max Rated Current

1000 V

Insulation Voltage

8 kV

Impulse Withstand

100 %

Ics vs Icu Ratio

Adjustable Parameters

- Rated current setting: 0.8I_n - 1.0I_n
- Trip action time: 0.1s, 0.3s, 0.5s
- Residual current: 30mA, 100mA, 300mA, 500mA

Short-Circuit Breaking Capacity (I_{cu})

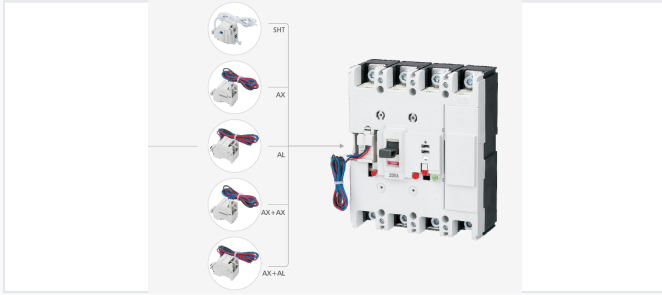
Voltage	S-Type (kA)	H-Type (kA)
240V	35	50
415V	18	35

Operating Environment

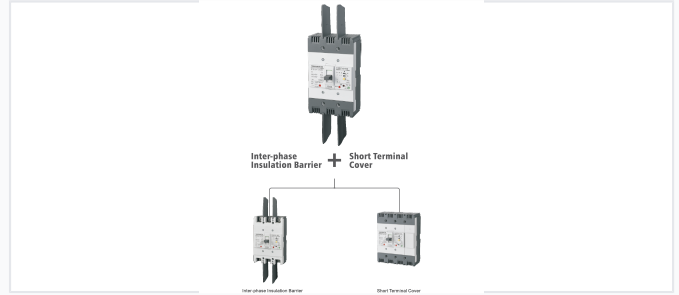
Environmental Conditions

Ambient Temp: -5°C to +40°C, Altitude d 2000m, Installation Class III, Pollution Level II

Construction



Configurable accessories including shunt trip and auxiliary contacts.



Safety accessories including inter-phase barriers and terminal covers.

Durability

- 8500
- 1500