

125A 4-Pole Thermal Adjustable Earth Leakage Circuit Breaker

This 4-pole earth leakage circuit breaker is rated at 125A and features thermal adjustability. The ELCB complies with IEC60947-2 standards and provides earth leakage protection.



ADDITIONAL IMAGES

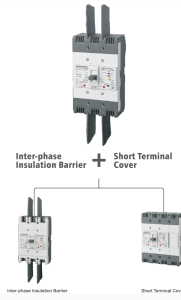


Product Overview

High-Performance Earth Leakage Protection

The TRE series 4-pole Earth Leakage Circuit Breaker (ELCB) is designed to provide comprehensive protection against overloads, short circuits, and ground faults. Featuring thermal and residual current adjustability, this circuit breaker offers flexible configuration for diverse electrical distribution requirements. Built to comply with rigorous IEC/EN 60947-2 international standards, it ensures reliability and safety in industrial and commercial environments.

Technical Specifications



Inter-phase insulation barriers and terminal covers for enhanced safety.

Featured Metrics

125 A

Rated Current

1000 V

Rated Insulation Voltage

8 kV

Impulse Withstand

Operational Parameters

Parameter	Specification
Rated Operational Voltage	240/415V AC
Frequency	50/60 Hz
Mechanical Life	8500 cycles
Electrical Life	1500 cycles
Short-circuit breaking capacity (Ics)	100% of Icu

Environmental Compliance

Ambient Temp -5°C to +40°C, Altitude ≤ 2000m, Pollution Class II, Installation Class III, IEC/EN 60947-1, IEC/EN 60947-2

Configuration & Adjustments

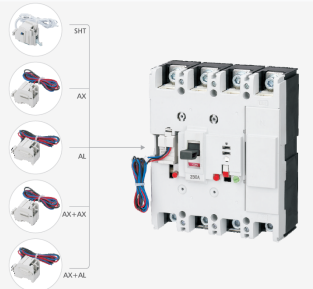


Diagram showing built-in accessory configurations for the ELCB unit.

Adjustable Features

- Rated current: 0.8I_n - 1.0I_n
- Trip action time: 0.1s/0.3s/0.5s
- Rated residual current: 30mA/100mA/300mA/500mA

Breaking Capacity Types

S-type • H-type