

63A 3-Pole Thermal Adjustable ELCB

This 63A, 3-pole thermal adjustable electronic leakage circuit breaker (ELCB) is designed in accordance with IEC60947-2 standards. It features adjustable thermal settings and provides protection against leakage current.



ADDITIONAL IMAGES



Product Overview

Professional Protection

The TRE series 63A 3-Pole Thermal Adjustable ELCB is engineered for reliable electrical protection in industrial and commercial distribution systems. Compliant with international IEC/EN 60947-2 standards, this circuit breaker provides advanced safety against overload, short-circuit, and ground fault conditions. Its high level of configurability, including adjustable thermal current and residual current settings, allows for precise adaptation to diverse operational environments.

Electrical Ratings

Rated Current (In)

- 15
- 20
- 30
- 40
- 50
- 63

Voltage Specifications

415 V

Rated Operational Voltage (Ue)

1000 V

Rated Insulation Voltage (Ui)

8 kV

Rated Impulse Withstand Voltage (Uimp)

Performance

Short-Circuit Breaking Capacity (Icu)

Voltage	Capacity (kA)
240V	25
415V	7.5

Service Life

8500 cycles
Mechanical Life

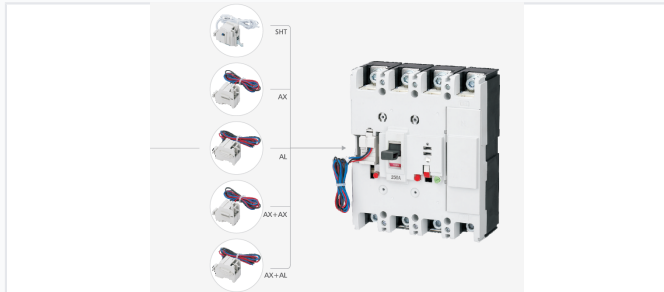
1500 cycles
Electrical Life

Environmental Standards

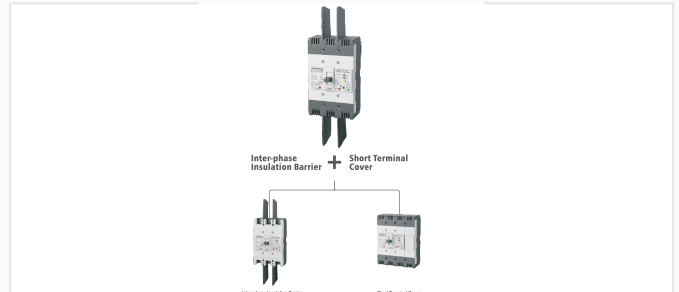
Operating Environment

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

Configuration



Supports integrated auxiliary components for expanded control functionality.



Optional terminal covers and insulation barriers enhance safety during installation.

Adjustable Parameters

- Rated Current: 0.8I_n - 1.0I_n
- Trip Action Time: 0.1s / 0.3s / 0.5s
- Rated Residual Current: 30mA / 100mA / 300mA / 500mA