

Earth Leakage Circuit Breaker 63A

This earth leakage circuit breaker is designed for AC 50/60Hz systems with a rated voltage of 240V and a maximum current of 63A. It automatically cuts off power within 0.1s when human electricity shock occurs or the leakage current exceeds the limit, protecting human safety and preventing accidents.



Overview

Safety and Protection

The KNLE1-63 series is a high-performance earth leakage circuit breaker designed for single-phase AC systems. It provides comprehensive protection against electrical shocks, leakage currents, overloads, and short circuits, ensuring safety in residential and commercial environments. The device features rapid response times, cutting off power within 0.1s when a fault is detected, and complies with international IEC/EN61009-1 and GB16917.1 standards.

Technical Specifications

Available Rated Currents

- 6
- 10
- 16
- 20
- 25
- 32
- 40
- 50
- 63

Rated Voltage	240 V
Rated Frequency	50/60Hz
Pole Configuration	1P+N
Rated Limiting Short-Circuit Current	4500 A

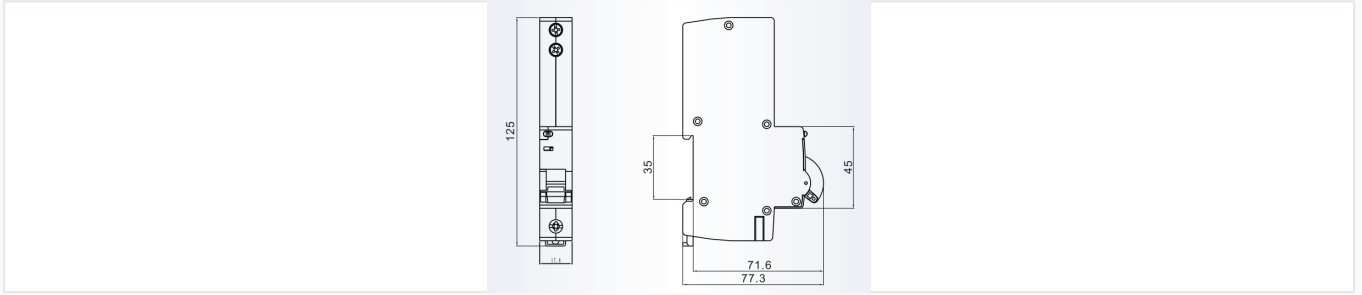
Performance Metrics

Sensitivity Type

C Type

Mechanical Life	8000
Electric Life	4000

Dimensions



Detailed dimensional specifications for installation planning.

Physical Dimensions

Measurement	Value (mm)
Height	125
Width (Base)	17.8
Mounting Width	35
Overall Depth	77.3
Component Depth	71.6
Lever Height	45