

Residual Current Circuit Breaker

This residual current circuit breaker is designed for AC 50/60Hz, with voltage options of 240V (2-pole) or 415V (4-pole) and a rated current up to 100A. It rapidly cuts off power upon detecting human electricity shock or leakage current exceeding the prescribed value, ensuring safety and preventing accidents.



ADDITIONAL IMAGES



Product Overview

KNL5 Series Residual Current Circuit Breaker

The KNL5 series residual current circuit breaker is designed for AC 50/60Hz lines, providing essential protection against electrical shock and leakage hazards. It offers rapid power cutoff when leakage current exceeds prescribed values, ensuring safety in industrial, commercial, and residential environments. This device is suitable for systems with voltages of 240V (2-pole) or 415V (4-pole) and rated currents up to 100A, while also serving as an infrequent line changeover switch.

Electrical Ratings

Rated Current

- 63
- 80
- 100

Rated Working Voltage	240/415
Rated Frequency	50/60
Rated Limiting Short-Circuit Current	6000 A

Performance Specifications

Rated Residual Operating Current

- 0.03
- 0.1
- 0.3
- 0.5

Sensitivity Type

A Type, AC Type

Mechanical Life

10000

Electrical Life

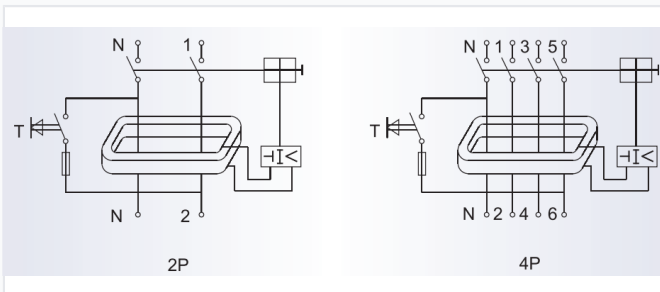
4000

Compliance & Standards

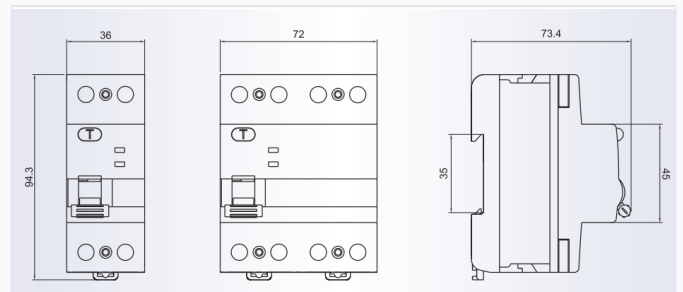
Standards Compliance

GB 16916.1, IEC/EN 61008.1

Physical Configuration



Wiring configuration diagram for 2-pole and 4-pole setups.



Dimensional outline for panel mounting and installation.

Available Pole Configurations

- 2P
- 4P