

Type B Residual Current Circuit Breaker 25-63A

This Type B Residual Current Circuit Breaker (RCCB) is suitable for charging piles, frequency converters, and photovoltaic power generation. The 4-pole device is available in current ratings of 25A, 40A, and 63A, with short-circuit breaking capacities of 6kA and 10kA.



ADDITIONAL IMAGES



Product Overview

Advanced Residual Current Protection

The CKDL4 series is a high-performance residual current circuit breaker designed for robust safety in complex electrical environments. It provides reliable protection against electric shock and leakage for systems up to 400V and 63A. Engineered to handle advanced waveforms, this breaker is ideal for demanding applications including photovoltaic systems, frequency converters, and high-capacity charging infrastructure.

Electrical Ratings

Rated Current

25 A

Current Rating

40 A

Current Rating

63 A

Current Rating

Rated Voltage	400 V
Rated Residual Operating Current	30 mA
Rated Making/Breaking Capacity (Im)	500 A
Rated Conditional Short-Circuit Current (Inc)	10000 A

Technical Specifications

Protection Features

- Sine AC residual current
- DC pulsating residual current
- Compound residual current
- Smooth DC residual current
- Compound waveforms
- Two-phase/Three-phase rectifier waves

Recommended Use Cases

Photovoltaic Power • Frequency Converters • Charging Piles • Industrial Automation

Operating Temperature

-25 °C

Compliance Standards

IEC/EN 61008-1, IEC/EN 62423, GB16916.1, GB/T 22794, CE, TÜV Rheinland, CCC