

Leakage Circuit Breaker

This leakage circuit breaker is designed for lines up to 230V for single phase or up to 400V for three phases with a rated current up to 32A. It automatically breaks power in 0.2S to protect both people and equipment in the event of electric shock or leakage current.



ADDITIONAL IMAGES



Overview

KNLE1-32 Leakage Circuit Breaker

The KNLE1-32 series is a versatile leakage circuit breaker designed for reliable protection in both single-phase (up to 230V) and three-phase (up to 400V) electrical lines. With a rated current capacity of up to 32A, it provides essential safety by automatically interrupting power within 0.2 seconds during electric shocks or leakage events. This unit also handles overload and short-circuit protection, making it an ideal choice for maintaining safety in electrical distribution systems.

Technical Specifications

Rated Working Current

- 6
- 10
- 16
- 20
- 25
- 32

Rated Working Voltage	240/415V
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Rated Frequency	50/60Hz
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Rated Limiting Short-Circuit Current	4500 A
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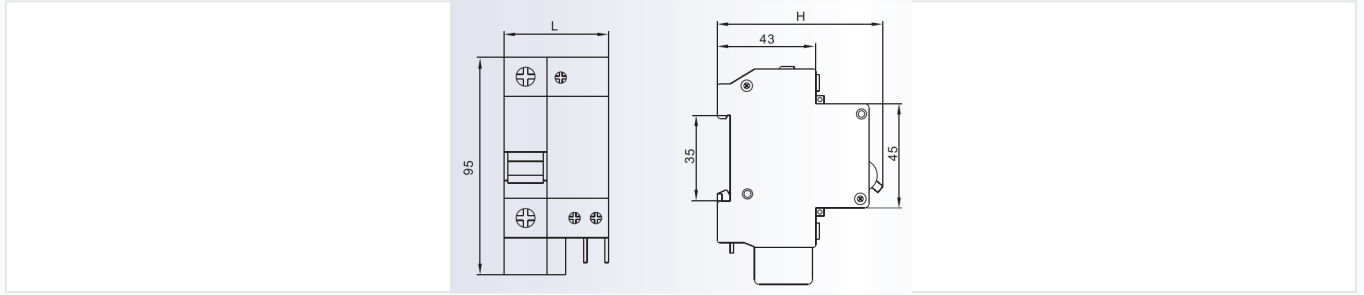
Protection Features

Rated Residual Operating Current	0.03 A
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Maximum Operating Time	d 0.3 (Ih), d 0.04s (IΔI)
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Instant Release Type	B, C, D
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Mechanical & Design



Technical dimensions and physical profile of the KNLE1-32 series.

Available Pole Configurations	1P+N, 2P, 3P, 3P+N, 4P
Mechanical Life	8000
Electrical Life	4000

Compliance

Standards Compliance

GB16917.1

Performance Testing

C-Type Release Performance

Test Current	Tripping Time	Result
1.13I _n	td1h	Not tripping
1.45I _n	t<1h	Tripping
2.55I _n	1s<t<60s	Tripping