

Residual Current Circuit Breaker with Ground Fault Protection

This residual current circuit breaker (RCCB) provides ground fault protection. It is available in current ratings of 16A, 20A, 25A, and 32A.



Overview



Compact design of the TNB1L-32(e) residual current circuit breaker.

High-Efficiency Ground Fault Protection

The TNB1L-32(e) series is a compact residual current circuit breaker engineered for reliable earth leakage and ground fault protection. Designed for industrial and residential applications, this breaker provides essential safety by detecting fault currents and rapidly disconnecting the circuit to prevent electrical shocks and fire hazards. With a robust design, it features an electronic trip mechanism and high endurance for consistent performance in electrical distribution systems.

Key Advantages

Compact Size, Easy Assembly, Patent Design, Ground Fault Protection

Electrical Ratings



High-sensitivity electronic ground fault protection internals.

Performance Metrics

16 A

Rated Current

2.5 kA

Short Circuit Capacity

500 A

Switch-on Breaking Capacity

Technical Specifications

Parameter	Value
Rated Voltage	110V AC / 220V AC
Poles	2 poles
Residual Current Off-time	0.1s
Trip Type	Electronic
Operation Type	AC
Electrical Endurance	1000 operations
Mechanical Endurance	2000 operations

Compliance & Standards

Certifications

CE • CCC • IEC/EN 61008-1 • GB 16916.1

Physical Dimensions

Size	70mm x 32mm x 53mm
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