

32A Water Heater Residual Current Circuit Breaker

This 32A residual current circuit breaker is designed for water heater applications. It provides earth leakage protection to prevent electrical hazards.



ADDITIONAL IMAGES



Overview



Professional Grade Safety Protection

The TNB1L-32(c) is a high-sensitivity residual current circuit breaker designed specifically for water heater applications. This compact, patent-designed breaker provides essential ground fault protection to ensure user safety in both residential and commercial settings. It is engineered for reliability, meeting rigorous international standards for electrical performance and operational endurance.

Electrical Specifications



Rated Current

- 16
- 20
- 25
- 32

Rated Breaking Capacity

2.5 KA

Short Circuit

500 A

Switch-on

Rated Voltage

110V AC, 220V AC

Protection Features

Leakage Protection Metrics

Parameter	Value
Operating Current (I _{th})	15mA, 30mA
Non-operating Current (I _{ho})	7.5mA, 15mA
Off-time	0.1s

Mechanical and Physical

Operational Endurance

1000 ops

Electrical

2000 ops

Mechanical

Dimensions (L x W x H)

70mm x 32mm x 53mm

Compliance and Standards



Certifications

CE • CCC

Compliance Standards

IEC/EN 61008-1, GB 16916.1