

Residual Current Circuit Breaker with Overload Protection

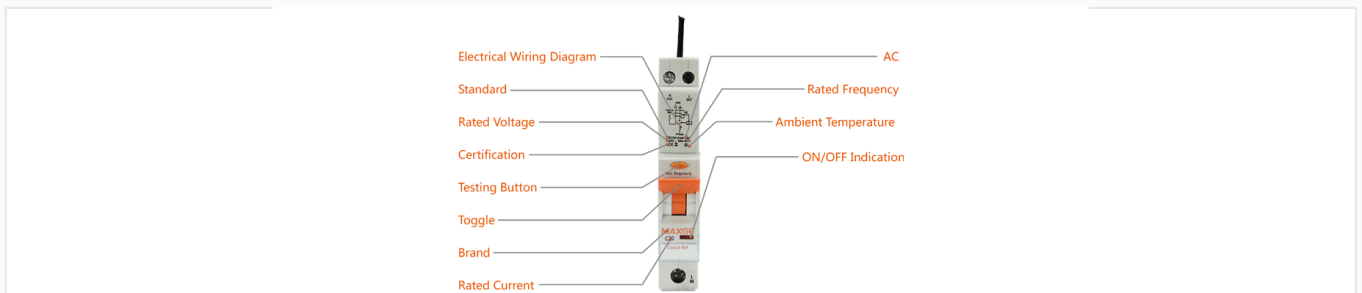
This circuit breaker provides protection against earth fault, leakage current, short-circuit, and overload. It also offers protection against direct contact and protects electrical equipment against insulation failure.



ADDITIONAL IMAGES



Overview



Wiring diagram and operational interface including test button and toggle switch.

Comprehensive Circuit Protection

This Residual Current Circuit Breaker with Overload Protection provides essential safety for household and commercial distribution systems. It offers robust protection against earth faults, leakage currents, short-circuits, and overloads, while also guarding against over-voltage and insulation failures. Designed for reliability, the device includes contact position indication and ensures high short-circuit capacity for enhanced electrical safety.

Electrical Ratings

Rated Voltage	240 VAC
Rated Current (In)	6A, 10A, 16A, 20A, 25A, 32A, 40A
Rated Tripping Currents	10mA, 30mA, 100mA, 300mA

Performance Metrics

Breaking Capacity

6 kA

Breaking Capacity

10 kA

High Breaking Capacity

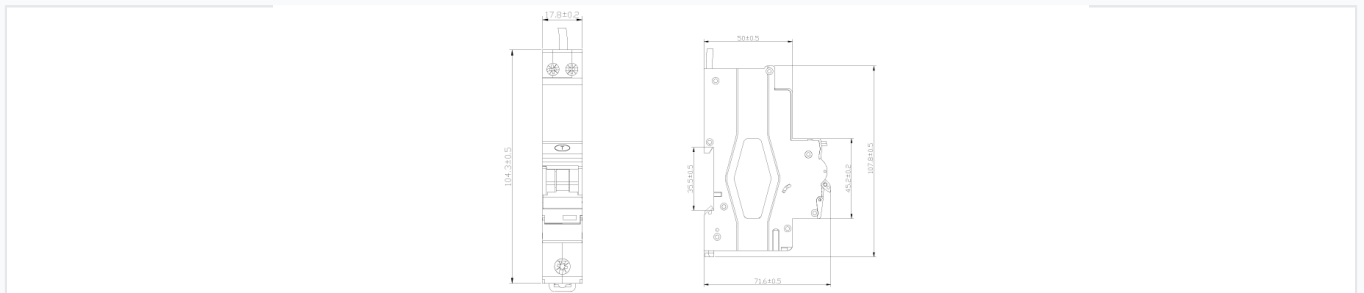
Endurance Cycles

Type	Cycles
Electrical Endurance	4000
Mechanical Endurance	10000

Residual Current Off Time

d0.5

Installation & Environment



Detailed dimensional specifications for mounting and installation planning.

Connection Terminals

- Flexible conductor: up to 16mm²
- Rigid conductor: up to 25mm²
- Lug and Pin type compatible

Pole Configuration

1P+N (1 module)

Ambient Temperature Range

-25°C to +45°C

Device Width

17.8 mm

Compliance

Standards Compliance

EN/IEC 61009-1