

Specifications

Poles:

- RCBO: 2P, 4P

Rated Voltage:

- AC 230V/400V
- Adjustable over/under voltage protection/leakage current

Rated Current:

- Up to 63A
- Adjustable overcurrent protection
- Leakage current protection till 100mA.

Frequency:

- 50/60Hz

Breaking Capacity:

- 6000A

Mounting:

- 35mm DIN-rail

Communication:

- WiFi 2.4G + RS485 Modbus RTU + Nano SIM

Smart Residual Current Breaker with Over-current

KEY FEATURES

Four Control Options:

- Remote control via smart phone App.
- Timing control (programmable schedule)
- Manual control

Real-Time Monitoring:

- Monitor electricity consumption and stats (A, V, mA, kW, kWh, °C) via phone

Prepaid Metering Mode:

- Optional prepaid mode available via switch

Adjustable Protections:

- Overload protection: Adjustable, 13kW default
- Overcurrent protection: Adjustable, 63A default
- Over voltage: AC240~300V adjustable, 275V default
- Under voltage: AC140~190V adjustable, 160V default
- Residual current (leakage): Adjustable, 30mA default



Specifications

- **RCD Function:** Detects imbalances between incoming and outgoing currents to prevent electric shock by tripping the circuit in case of leakage.
- **Overcurrent Protection: Guards** against overheating and equipment damage by interrupting the circuit when excessive current is detected.

Predictive Maintenance:

- **IoT Integration:** Analyzes data to predict potential faults, minimizing downtime and preventing costly repairs.

Efficient Energy Management:

- **Energy Insights:** Provides data on energy consumption patterns to optimize usage and reduce costs.

Customization and Control:

- **Remote Adjustments:** Customize sensitivity levels, trip times, and other settings remotely for a tailored safety solution.

Smart Residual Current Breaker with Over-current

KEY FEATURES

- High temperature: Adjustable, 80°C default
- Insufficient balance (prepaid mode): Adjustable, 10kWh default

Auto-Reclosing:

- Automatic reclosing after recovery from protected conditions

Timing Schedule:

- Programmable timing schedule via app

RS485 Communication:

- Baud rate 9600, address range 1~247, wiring adapter available

Mechanical Lock:

- Available for maintenance safety

Device Sharing:

- Share device access among family or team members

Key Benefits

- Real-time monitoring and connectivity for better electrical management.
- Access critical data and system performance from anywhere for quick response.

