



Live Electrical WRB1-63N WiFi Smart RCD Switch - Spec Sheet

The Live Electrical WRB1-63N is a compact smart RCD switch that enables real-time load monitoring, automated switching, and protection against overvoltage, undervoltage, overcurrent, and leakage current. It is designed for DIN rail mounting and supports both manual and remote app-based control.

IMPORTANT: Like the WCB1-63N, this unit does not offer earth fault protection. It must not be used as a replacement for an MCB or RCBO.

Key Features

- Rated Current: 1-63A
- Voltage Range: 100-240V AC
- Pole Type: 1P+N (Neutral pass-through)
- Leakage Detection: Yes (RCD function)
- Wi-Fi Control (default), ZigBee/SigMesh optional
- Undervoltage & Overvoltage Protection
- Overcurrent Trip & Overload Setting
- kWh Metering with real-time monitoring
- App Control: Manual, Timer, Countdown, Loop

- Standard: IEC 60947
- Mounting: DIN Rail
- IP Rating: IP20 (Indoor use only)

Applications

- Remote load switching for heating, lighting, or EV charging
- Smart automation with app scheduling
- Commercial and residential load protection
- Energy tracking and remote reset
- Leakage protection for additional safety

Summary

The WRB1-63N WiFi Smart RCD Switch offers advanced energy control and monitoring with leakage detection, overload protection, and kWh metering. It supports remote control, smart scheduling, and loop timers. Note: this unit does not provide earth fault protection and must be paired with a suitable MCB or RCBO for compliance.

Electrical4Less Ltd is an authorised distributor of Live Electrical products.