



Live Electrical WCB1-63N WiFi Smart Energy Switch - Spec Sheet

The Live Electrical WCB1-63N is a WiFi-enabled DIN rail smart switch designed for intelligent circuit control, energy monitoring, and protective disconnection. Rated for 1 to 63A, this 1P+N double-pole switch includes undervoltage, overvoltage, overload, and overcurrent trip protection.

IMPORTANT: This device does not replace an MCB or RCBO. It does not offer earth fault protection and must be used alongside suitable protective devices.

Key Features

- Rated Current: 1 to 63A
- Voltage Range: 100 to 240V AC
- Pole Configuration: 1P+N (Double Pole)
- WiFi Control: 2.4GHz WiFi / ZigBee / Mesh
- Protection Modes: Undervoltage, Overvoltage, Overcurrent, Overload (customisable)
- kWh Metering: Real-time electricity usage tracking
- Control Methods: Manual, App, Voice
- Timer, Loop Timing, Countdown Functions
- Standard: IEC 60947
- Mounting Type: DIN rail

- IP Rating: IP20 (Indoor Use Only)

Applications

- Smart control for lighting and heating circuits
- EV charger automation (with supporting protection)
- Energy monitoring in commercial settings
- Scheduled load switching
- Overload and voltage drop protection

Summary

The Live Electrical WCB1-63N WiFi Smart Switch provides intelligent circuit control with protective features and energy monitoring. While it includes overload, overcurrent, and voltage protection, it must be installed with an MCB or RCBO as it does not offer earth fault protection.

Electrical4Less Ltd is an authorised distributor of Live Electrical products.