

PRM5-ZBS ZigBee Power Meter plus Relay Switch

Power a Green and Simple Lifestyle



- Allows users to remotely control lights and appliances
- With embedded terminal wires and splicing connectors to prevent shorts or electrocution
- Energy Metering Functionality
- Doubles as a ZigBee repeater (optional)

PRM5-ZBS is a ZigBee Power Meter plus Relay Switch, allowing users to remotely control lights and electronic appliances as well as monitoring power consumption at the same time. As PRM5-ZBS is directly connected to power cables, it comes with embedded terminal wires and splicing connectors to prevent shorts and electrocution during installation. The PRM5-ZBSR also functions as a ZigBee repeater to further extend wireless communication range.

PRM5-ZBS's small and compact profile provides the flexibility to be installed in wall switch boxes, ceilings, or any location in users' homes. The built-in power meter enables PRM5-ZBS to measure electricity consumption and generate energy history over days, weeks, and months. When integrated into a security and home automation system, PRM5-ZBS can automatically turn on/off lights according to schedules, scenes, and timer settings. Remotely controlling lights and appliances even when users are away not only offers an easy, convenient, and safe way of managing users' home environments, but also ensures the safety of the houses.

Features

- Enable users to remotely turn on/off electronic appliances
- Built-in power meter to measure and generate energy history over days/weeks/months
- Flexible installation in wall switch boxes or ceilings
- Capability to double as a ZigBee repeater (optional)
- Extension terminal for connecting an external switch
- LED status indicator
- Over-the-Air (OTA) firmware update capability
- With embedded terminal wires and splicing connectors to prevent shorts or electrocution
- Compatible with other manufacturers' ZigBee systems
- Function button for manual operation
- Enable smart home security systems to turn on/off lights according to schedules, scenes, and timer settings
- Suitable for home automation and security applications

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Specifications

Communication protocol	ZigBee Pro Home Automation 1.2
Frequency	2.4GHz
Power supply	110~230V, 50/60Hz
Maximum load	110V: 1100W 10A 230V: 2300W 10A
Operating temperature	-10°C to 45°C (14°F to 113°F)
Operating humidity	Up to 85% non-condensing
Dimensions	50 mm x 51 mm x 22 mm

Ordering Information

PRM5-ZBS ZigBee Power Meter plus Relay Switch

PRM5-ZBSR ZigBee Power Meter plus Relay Switch with Router function