

PRMD2-ZBS ZigBee Power Meter with Relay and Dimmer Switch Series

Powering a Greener and Simpler Lifestyle

PRMD2-ZBS is a ZigBee Power Metering Relay Switch with Dimmer function. It is specially designed to both remotely control incandescent lighting in your house by connecting to the power cable, and monitor power consumption with integrated power meter. The compact PRMD2-ZBS can be installed in any location you desired, such as ceiling or power sockets inside the wall. The PRMD2-ZBSR model further doubles as a ZigBee repeater to extend the wireless communication range of a ZigBee system.

As a key component in the home automation system, PRMD2-ZBS enables you to check power consumption online and remotely turn on/off or dim incandescent lighting via smartphone application, SMS message, or IP configuration webpage anytime, anywhere. You can also setup your own energy management plan by programming PRMD2-ZBS to turn on/off/dim domestic lighting automatically through Control Panel configuration. With PRMD2-ZBS you can both save the cost of electricity and time, and lead a greener life at the same time.



Features:

- Connects directly to power cable
- Compact size for easy installation and great flexibility.
- Enables the user to remotely dim or turn on/off incandescent lighting.
- Built-in power meter to measure and report energy consumption
- Capability to double as a ZigBee repeater associated with up to 40 end devices (PRMD2-ZBSR)
- ZigBee-controlled for home automation systems
- Load type: Incandescent lamps
- Adjustable power output to control lighting level
- Long communications range
- Compatible with other manufacturers' ZigBee products
- LED status indicator
- Can be remotely or manually controlled.
- Button for local operation
- Extension terminal for connecting an external switch

Specifications:

- Power supply: 110-230V, 50/60Hz
- Accuracy: +/-5%
- Communications protocol: ZigBee Pro HA 1.2
- Maximum load: 110V: 275W 2.5A
230V: 575W 2.5A
- Operating temperature: -10°C to 45°C
- Operating humidity: Up to 85% non-condensing
- Dimensions: 51 x 48 x 20mm