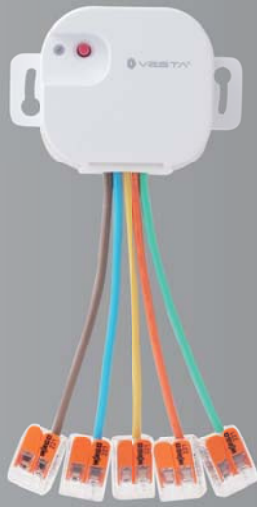


PRL-5ZBS ZigBee Relay Controller

Conveniently Open and Close Home Facilities



- Allows users to remotely automate any device controllable by an SPDT relay
- With embedded terminal wires and splicing connectors to prevent shorts or electrocution
- Doubles as a ZigBee repeater (optional)

The PRL-5ZBS is a ZigBee relay controller designed to remotely open and close pool covers, gas/water valves, or sprinkler systems, etc. With PRL-5ZBS, users can manage facilities inside and outside the home from anywhere at any time. As PRL-5ZBS is directly connected to power cables, it comes with embedded terminal wires and splicing connectors to prevent shorts and electrocution during installation.

The PRL-5ZBS enables wireless operation of any device controllable by a single-pole, double-throw (SPDT) relay. When integrated with home automation and security systems, users can easily program customized schedules/scenes or timer settings for energy-saving and safety purposes. The PRL-5ZBS has one dry contact and operates on an AC power source or a low-voltage DC power source. PRL-5ZBSR can also function as a ZigBee router to further extend wireless communication ranges.

The PRL-5ZBS simplifies wiring efforts and is ideal for the expansion of automation options in new or retrofit homes where cabling solutions are limited.

Features

- Remotely automate pool covers, gas/water valves, or sprinkler systems, etc.
- Provide wireless operation of any device controllable by an SPDT relay
- LED status indicator
- Capability to double as a ZigBee repeater (optional)
- One set relay contact and one set dry contact
- Operate on an AC power source (110~230V) or a DC power source (12~24V)
- Regular supervision signals to check system integrity
- With embedded terminal wires and splicing connectors to prevent shorts or electrocution
- Enable smart home security systems to turn on/off lights according to schedules, scenes, timer settings
- Compatible with other manufacturers' ZigBee system
- Ideal for retrofitting new or existing homes with limited cabling solutions
- Antenna design for optimal wireless performance
- CE compliance

PRL-5ZBS ZigBee Relay Controller

Pin Definitions



| Pin | PRL-5ZBS-AC | PRL-5ZBS-12/24V |
|-----|-------------------|----------------------|
| 1 | Line (AC Input) | 12V/24V DC Input (+) |
| 2 | Neutral | Ground (-) |
| 3 | Normal Open (NO) | Normal Open (NO) |
| 4 | Common | Common |
| 5 | Normal Close (NC) | Normal Close (NC) |

Specifications

| | |
|------------------------|--|
| Communication Protocol | ZigBee Pro Home Automation 1.2 |
| Frequency | 2.4 GHz |
| Power Source | 110~230V AC (PRL-5ZBS-AC) 12/24V DC (PRL-5ZBS-12/24V) |
| Data Rate | 250 kbps |
| Rated Load Current | 5A |
| Relay Output | One SPDT relay |
| Operating Temperature | -10°C to 45°C (14°F to 113°F) |
| Operating Humidity | Up to 85% non-condensing |
| Dimensions | 71 mm x 50 mm x 26 mm |

Ordering Information

| | |
|-------------------------|--|
| PRL-5ZBS-AC | Uses a 110~230V AC power source |
| PRL-5ZBSR-AC | Uses a 110~230V AC power source with router function |
| PRL-5ZBS-12/24V | Uses a 12~24V DC power source |
| PRL-5ZBSR-12/24V | Uses a 12~24V DC power source with router function |