

PRL-8ZW Series Z-Wave Relay Controller

Conveniently Open and Close Home Facilities



- Strain Relief Clamp to secure wires and provide protection from metal cutout
- IP44 waterproof standard
- OTA firmware update capability

The PRL-8ZW is a Z-Wave relay controller designed to remotely open and close pool covers, gas/water valves, or sprinkler systems, etc. As PRL-8ZW is directly connected to power cables, there is a strain relief clamp to secure wires and provide protection from metal cutout. With PRL-8ZW, users can manage facilities inside and outside the home anytime, anywhere.

The PRL-8ZW 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-8ZW has one dry contact and operates on an AC power source.

With an embedded antenna to boost its wireless performance, the relay controller can also double as a Z-Wave repeater, and features OTA firmware update capability. The PRL-8ZW simplifies wiring efforts and is ideal for the expansion of automation options in new or retrofit homes where cabling solutions are limited.

Features

- Remotely automates pool covers, gas/water valves, or sprinkler systems, etc.
- Provide wireless operation of any device controllable by an SPDT relay
- Function button allows for manually switching ON/OFF the relay
- One set of relay contact and one set of dry contact
- IP44 waterproof standard
- Double as a Z-Wave repeater
- Antenna design for optimal wireless performance
- Supports SmartStart
- Strain Relief Clamp to secure wires and provide protection from metal cutout
- Allows relay activation events to be integrated into other home automation activities
- Compatible with other manufacturers' Z-Wave systems
- Ideal for retrofitting new or existing homes with limited cabling solutions
- LED status indicator
- OTA firmware update capability
- CE compliance

PRL-8ZW Series Z-Wave Relay Controller

Pin Definitions

Pin	PRL-8ZW-AC
①	Line (AC Input)
②	Neutral
③	Normal Open (NO)
④	Common
⑤	Normal Close (NC)



Specifications

Communication Protocol	Z-Wave Plus 500/700 series module
Frequencies	868.40 MHz (EU) / 908.40 MHz (US)
Power Supply	100-240V AC, 50/60Hz
Rated Load Current	10A
Relay Output	SPDT relay
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	86 mm x 72 mm x 29 mm

Ordering Information

PRL-8-ZW-AC Z-Wave Relay controller with Z-Wave Plus 500/700 series module