

PRLM-CH3-ZW Z-Wave 3-Channel Relay Controller

Convenient Opening and Closing of Home Facilities



- Z-Wave 3-Channel Relay Controller
- Remote operation of gas/water valves, pool covers, gates, or sprinkler systems...etc.
- Equipped with strain relief clamp
- Doubles as a Z-Wave repeater

The PRLM-CH3-ZW is a Z-Wave 3-channel relay controller designed to automatically open and close generators, gas/water valve, pool covers or sprinkler systems etc. The PRLM-CH3-ZW enables wireless operations of three separate devices controllable by a single-pol, double-throw (SPDT) relay, allowing users to remotely manage facilities inside and outside the home.

The PRLM-CH3-ZW is ideal for the expansion of automation options in new or retrofit homes where cabling solutions are limited. PRLM-CH3-ZW is equipped with a strain relief connector clamp for electrical and mechanical integrity and overall performance and safety. The PRLM-CH3-ZW also allows relay activation events to be integrated into other home automation activities, enhancing the convenience and capabilities of an automated home.

With an embedded antenna to boost its wireless performance, the relay controller can also double as a Z-Wave repeater, and OTA firmware update capability.

Features

- Automates gas/water valves, lights, pool covers, gates or sprinkler systems, etc.
- Remote operation of three separate devices controllable by an SPDT relay
- Allows relay activation events to be integrated into other home automation activities
- Operates on a low voltage AC or DC power source
- Over-the-Air (OTA) firmware update capability
- Strain relief clamp for electrical integrity, performance, and safety
- Antenna design for optimal wireless performance
- LED indicators
- Doubles as a Z-Wave Repeater
- Regular supervision signals to check system integrity
- Compatible with other manufacturers' ZigBee system
- Ideal for retrofitting new or existing homes with limited cabling solutions

Specifications

Communication Protocol	Z-Wave Plus 500 Series
Frequency	868.40 MHz (EU) / 908.40 MHz (US)
Power Supply	110-230V AC @ 0.15A; or 12-24V DC
Supported Load Current (for each relay channel)	5A@230V AC ; or 5A@30V DC
Stranded Wire	14-22 AWG
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	110mm x 91mm x 28mm

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Ordering Information

PRLM-CH3-AC-ZW	Z-Wave 3-Channel Relay Switch, uses a AC power source
PRLM-CH3-DC-ZW	Z-Wave 3-Channel Relay Switch, uses a DC power source