

PRL-8 Power Relay Controller

Conveniently Open and Close Home Facilities



- Strain relief clamp secure wires and provide protection from metal cutout
- IP44 waterproof standard

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

With one dry contact and operating on an AC power source, PRL-8 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 function button on PRL-8 allows for manually switching on/off the relay. Besides, an embedded antenna boosts its wireless performance. PRL-8 significantly 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
- Antenna design for optimal wireless performance
- Strain relief clamp secures wires and provides protection from metal cutout
- Wiring buckle used for managing wires
- Allows relay activation events to be integrated into other home automation activities
- Ideal for retrofitting new or existing homes with limited cabling solutions
- LED status indicator

Pin Definitions

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



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Specifications

Frequency	F1 868 MHz / F1 433MHz
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