

Shelly PRO 1PM



USE SHELLY PRO 1PM for

Shelly Pro 1PM allows customers to automate, measure the power consumption, and analyze data from lights and appliances. Different types of actions, scenarios and schedules can be set to sync your environment to your daily activities or business needs.



Lights control

Laundry machine control



Water heater automation

Floor heating automation



LAN, Wi-Fi and Bluetooth

Simultaneous Wi-Fi and LAN usage, add device fast and easy via Bluetooth connection.



1 channel relay

1 output, 16 A.



Wide range of voltage support

Shelly Pro 1PM can be powered by 110-240 VAC



Power metering with data storage

Integrated precise power meter that allow you to measure the consumption of the lights or appliances.



Wide variety of appliances control

Suitable for automating & measuring the consumption of lights, dishwashers, washing machines, appliances, etc.



Enhanced safety

Flame retardant shell (V-0) with internal overtemperature, over-power and overvoltage protection.



Enhanced security

MQTT and WSS support, TLS and custom certificates support for a broad range of use cases.



No hub required

Control directly and without a hub through your smartphone with Shelly Cloud App.



Highly compatible

Use with your preferred home automation platforms and voice assistants.

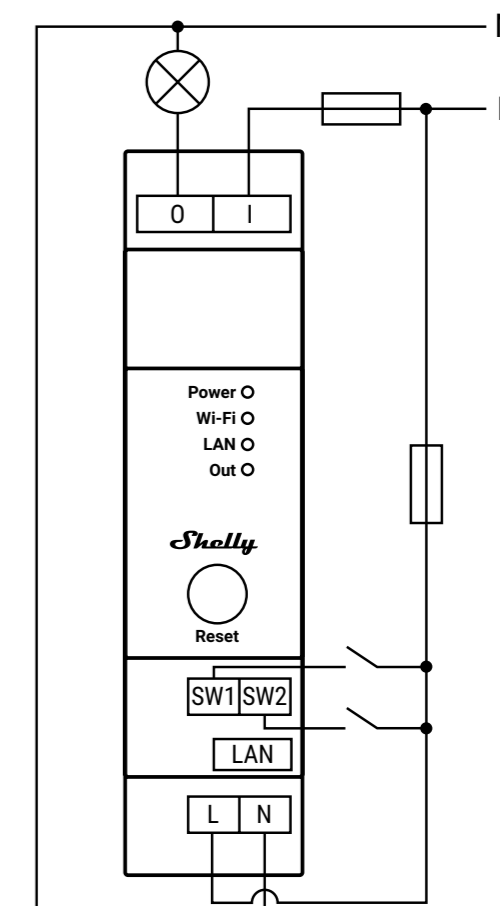
ENHANCED ELECTRICAL APPLIANCES AUTOMATION WITH PRECISE POWER METERING

Shelly Pro 1PM is a one-phase, 1 channel relay supporting up to 16A. Equipped with integrated power meter, it allows users to measure the precise power consumption of all automated lights or appliances. Shelly Pro 1PM is suitable for automating & measuring the consumption of lights, dishwashers, washing machines, appliances, etc. Power it with 110-240VAC, use scripting functionalities to set custom automation scenes based on various occurrences.

TECHNICAL SPECIFICATIONS

Power supply	110-240 VAC, 50/60 Hz
Max load per channel	16 A
Complies with EU standards:	<ul style="list-style-type: none"> RE Directive 2014/53/EU LVD 2014/35/EU EMC 2014/30/EU RoHS2 2011/65/EU
Working temperature	-20°C to 40°C
Max RF output power	13.34 dBm
Wireless/WiFi Protocol	802.11 b/g/n (2.4 GHz)
Frequency:	2412 - 2472 MHz
Operational range (depending on local conditions)	<ul style="list-style-type: none"> up to 50 m outdoors up to 30 m indoors
Dimensions (HxWxD)	94x19x69 mm
Electrical consumption	< 3 W
Wire cross section range	0.5 - 1.5 mm ² (blue) 0.5 - 2.5 mm ² (green)

HOW TO CONNECT



Legend

Device terminals:

- O: Load output terminals
- I: Load input terminals
- SW1, SW2: Switch input terminals controlling O*
- L: Live (110-240 VAC) terminal
- N: Neutral terminal
- LAN: Local Area Network RJ 45 connector

Cables:

- N: Neutral cable
- L: Live (110 - 240 VAC) cable

* Can be reconfigured in the Device settings