

Shelly PRO 2PM



USE SHELLY PRO 2PM FOR

Shelly Pro 2PM supports two-directional motor control, which makes it perfect for automation of roller shutters, curtains, awnings, and gates. Customers can use scripting functionalities to set custom automation scenes based on various occurrences, weather forecast, wind forecast, etc.



Roller shutter automation

Curtains automation



Sliding doors control

Pool cover automation



Office blinds

Gate automation



LAN, Wi-Fi and Bluetooth

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



2 channels relay

2 outputs 16A each, total device maximum capacity of 25 A.



Wide range of voltage support

Shelly Pro 2PM can be powered by 110-240 VAC



Power metering with data storage

Two integrated precise power meters that allow you to measure the consumption for each channel separately



Two-directional control

Control any 110-240 VAC bi-directional motor, roller shutters, motorized curtains, or awning



Wide variety of appliances control

Suitable for appliances, roller shutters, awnings, motors up to 600 W, lights on different phases, and many more.



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.

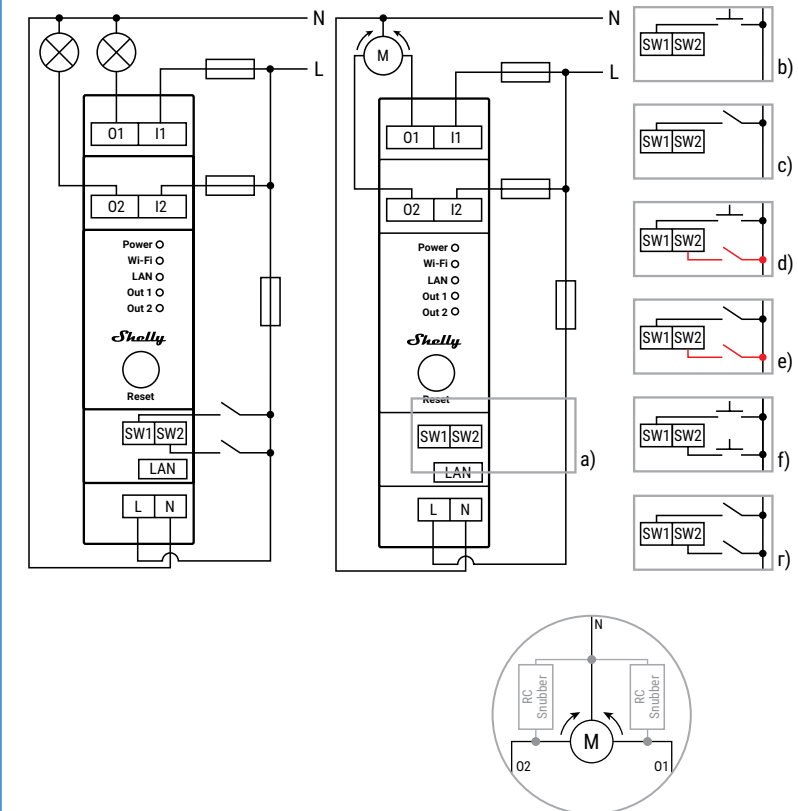
BLINDERS AND ROLLER SHUTTERS AUTOMATION AND CONTROL WITH PRECISE POWER METERING

Shelly Pro 2PM is a 2 channel relay, supporting up to 16 A per phase with total device capacity of 25 A. Equipped with two integrated precise power meters that allow customers to measure the consumption for each channel separately. Shelly Pro 2PM is suitable for appliances, roller shutters, awnings, motors up to 600 W. Power it with 110-240 VAC, 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
Total max. current of all outputs	25 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:

- O1, O2:** Load output terminals
- I1, I2:** Load input terminals
- SW1, SW2:** Switch input terminals controlling O1 and O2
- 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