Shelly PRO 2PM

Power
Wi-Fi
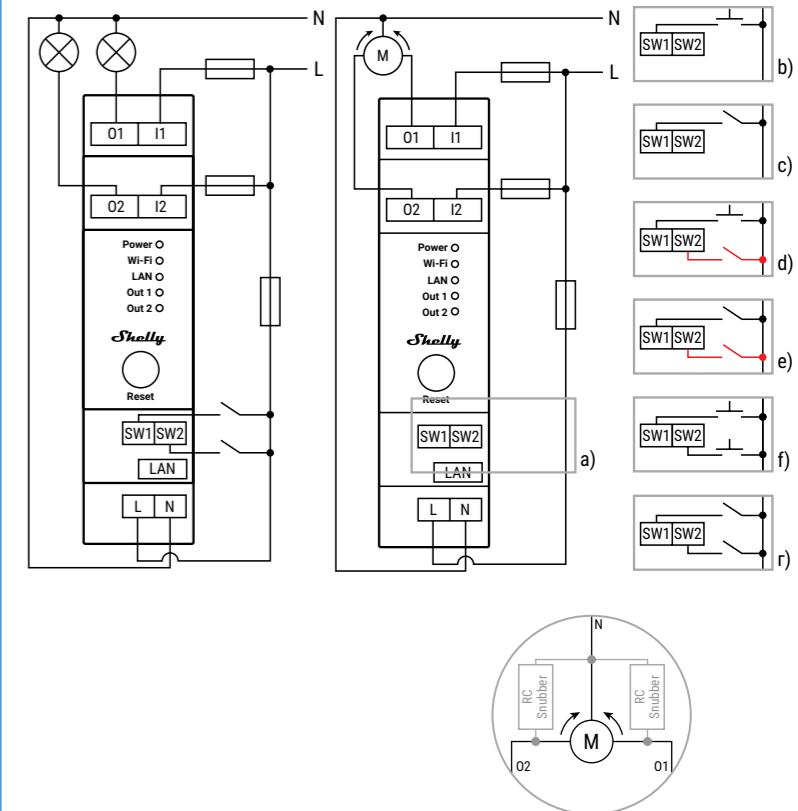LAN
Out 1
Out 2

Shelly

Reset

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.

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, overpower 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.

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:	• 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)	• 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 mm² (blue) 0.5 - 2.5 mm² (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