

# What is Shelly Pro 1PM?

## 1 circuit Wi-Fi relay switch with power metering

Professional 1 channel relay with Wi-Fi, LAN, and Bluetooth connection, suitable for home and facility automation with remote control. DIN rail mountable inside a breaker box. Enhanced safety features and compatible with most used home automation platforms.

### Features

- LAN, Wi-Fi, and Bluetooth connection
- 1 channel, 16A
- Precise power metering
- Overpower and overvoltage protection of the load
- DIN rail mountable



### Specification

Power	
Power supply AC	110-240V, 50/60Hz
Power supply DC	new version does not support DC
Maximum load	16A
DC output	No
Special functions	
Dry contacts	No
Power measurement	Yes (AC only)
Device temperature protection	Yes
Overload protection	Yes
2-phase control	No
Features	
HTTP/HTTPS webhooks	Yes

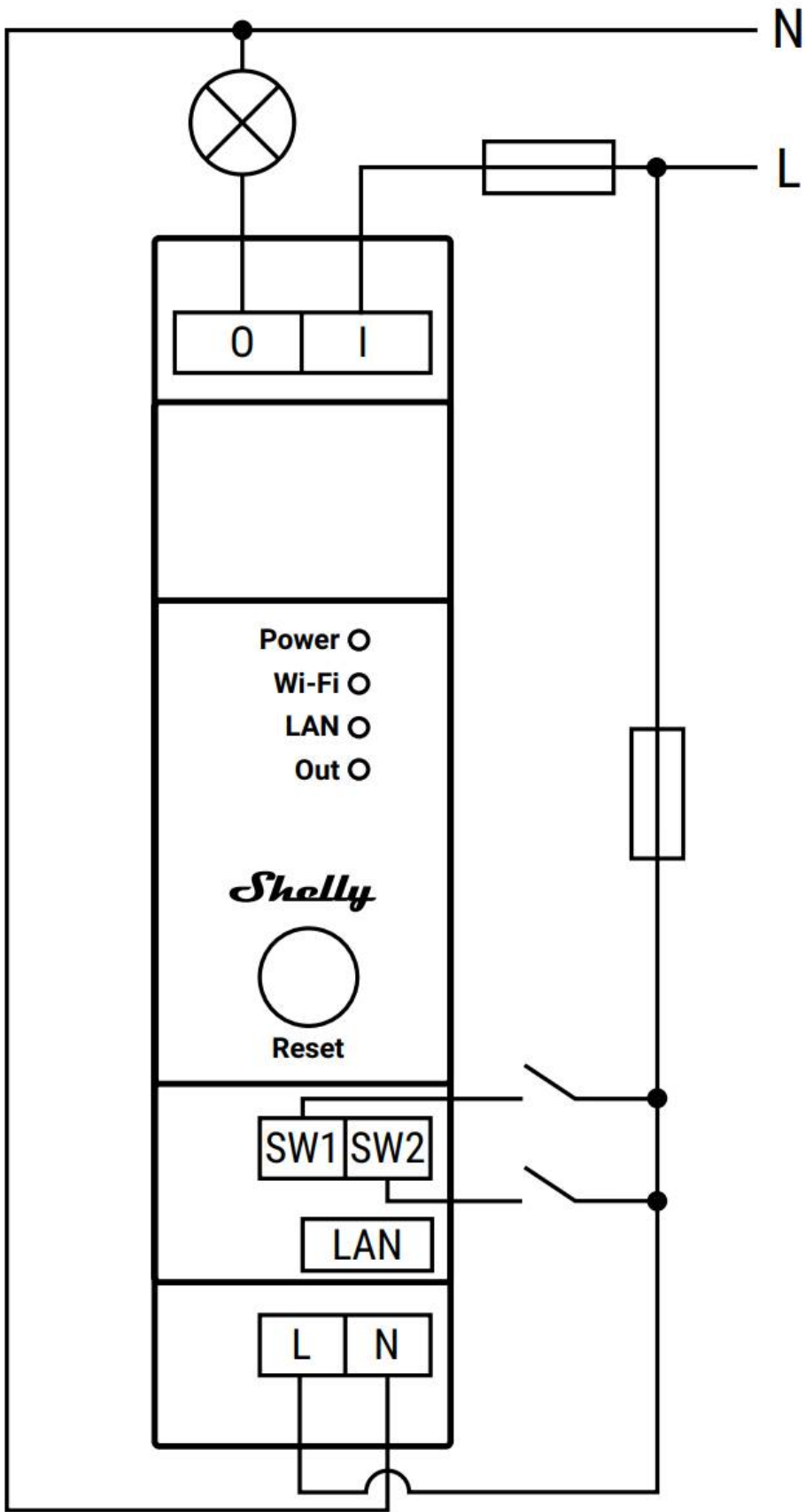
Custom scripts(mJs)	Yes
Channels	1 Channel
Operational temperature	-20°C to + 40 °C
Device power consumption	< 3 W
Intelligent On/Off	Yes
Local and remote control	Yes
Sunrise/Sunset	Yes
Weekly Schedule	Yes
UL Listed option	No
<b>Connectivity</b>	
Wireless	Yes
Wi-Fi Protocol	802.11 b/g/n
Wi-Fi Radio frequency	2412 – 2484 MHz
Wi-Fi Radio signal power	1mW
Wi-Fi Range	up to 50 m outdoors and up to 30 m indoors (depending on terrain and building structure)
Bluetooth	Yes
Ethernet	Yes
<b>Dimensions</b>	
Size	68.5×18.5×89.5 mm

## Wiring diagrams

### How to connect

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Shelly PRO 1PM v.1 Wiring (New version, no DC support)



**Fig. 1**