

Shelly PLUS 1PM



NEXT GENERATION APPLIANCES CONTROL WITH PRECISE POWER METERING

Small enough to fit behind any wall switch or wall socket, **Shelly Plus 1PM** is designed for retrofit applications and can be installed in less than 10 minutes. From automatization of the lights to electrical appliances control, Shelly Plus 1PM provides precise power metering and free cloud data storage.

ENHANCED WITH

HTTP/HTTPS webhooks

Get notifications or control another compatible equipment or 3rd party automation system.

Scripting for custom automation

Need custom functions or features not included in the default firmware? Add the tools you need with the build in microJS editor.

Weekly scheduling automation

Quickly set actions based on your daily or weekly schedule.

Smart actions for dynamic control

Set Shelly Plus devices to switch on/off the power, based on the Sunset/Sunrise hour and enjoy dynamic control depending on the season.



Power metering with data storage

Provides precise monitoring of the power consumption.



Wi-Fi operated

Connect Shelly Plus 1 PM to your Wi-Fi network.



Bluetooth

Add devices quickly and easily via Bluetooth connection, using Shelly Cloud App.



Extremely fast processor

For immediate command execution and notification



Enhanced safety

Over-temperature protection with software thresholds for prevention of failures.



Enhanced security

MQTT and WSS support, TLS certificate support and management for a broad range of use cases.



Improved API interface

Broad range of cloud connections and local integrations.



No hub required

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

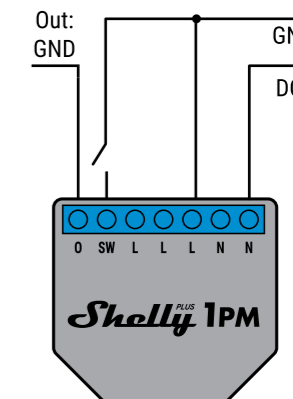
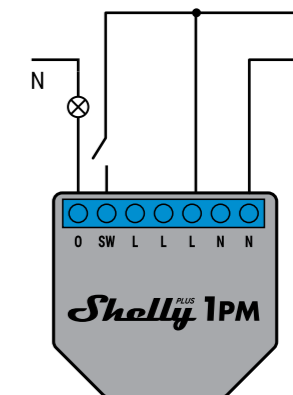


Highly compatible

Use with your preferred home automation platforms and voice assistants.

TECHNICAL SPECIFICATIONS

Power supply	<ul style="list-style-type: none"> • 110-240V ±10% 50/60Hz AC • 24-30V DC
Max load per channel	16A
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	0°C ÷ 40°C
Radio signal power	1mW
Wireless/WiFi Protocol	802.11 b/g/n (2.4 GHz)
Frequency:	2412 - 2472 MHz
Operational range (depending on local construction)	<ul style="list-style-type: none"> • up to 50 m outdoors • up to 30 m indoors
Dimensions (HxWxL)	41x36x16 mm
Electrical consumption	< 1,2 W



LEGEND
N - NEUTRAL INPUT (ZERO)
L - LINE INPUT (110-240V)
O - OUTPUT
SW - SWITCH (INPUT) CONTROLLING O

