

Shelly PLUS PM MINI



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Shelly Plus PM Mini is a small form factor power meter. Enhanced with all the gen2 firmware flexibility, it provides professional integrators with additional options for end-customer solutions. It can work standalone in a local Wi-Fi network, or it can also be operated through cloud home automation services through MQTT, HTTP, and WebSocket. All inbound connections support TLS. Shelly Plus PM Mini can be accessed, set up, and monitored remotely by the User, as well as the Device can access and communicate with an automation system, as long as they are in the same network infrastructure. The Device has an embedded Web Interface which can be used to monitor and control the device, as well as adjust its settings. **The Device does not have a built-in relay.**

PREVENTATIVE MONITORING

When an electrical appliance is damaged, it increases the amount of energy used in an attempt to compensate for its operational capacity. Shelly Plus PM Mini will fit anywhere you need it to and can immediately report the increase in energy consumption, saving you additional expenses on repairs or equipment replacement.

POWER CONSUMPTION ANALYSIS FOR COST OPTIMIZATION

Shelly Plus PM Mini's smart energy metering will help you identify and eliminate any redundant energy consumption from each connected appliance around your home or facility. Together with smart scenes, you can use Shelly Plus PM Mini's data to set off scenarios, such as turning off appliances during a spike to protect them or during the night to save energy.



Power Meter

Provides precise monitoring of the power consumption



Wi-Fi operated

Connect Shelly Plus PM Mini 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 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

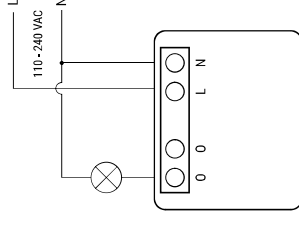


Highly compatible

Use with your preferred home automation platforms and voice assistants.

TECHNICAL SPECIFICATIONS

Power Supply	<ul style="list-style-type: none"> • 110-240 VAC, 50/60 Hz
Complies with EU standards	<ul style="list-style-type: none"> • RED 2014/53/EU • LVD 2014/35/EU • EMC 2014/30/EU • RoHS2 2011/65/EU
Max measurement voltage	240 V
Max measurement current	16 A
Max measurement power	3840 W
Working temperature	-20°C ÷ 40°C
Max RF power	<20 dBm
Wi-Fi protocol	802.11 b/g/n
Frequency	2400 - 2495 MHz
Operational range Wi-Fi (depending on local conditions)	<ul style="list-style-type: none"> • up to 50 m outdoors • up to 30 m indoors
Operational range Wi-Fi (depending on local conditions)	<ul style="list-style-type: none"> • up to 10 m indoors • up to 30 m outdoors
Dimensions	29x35x16 mm
Power consumption	< 1.2 W



Legend

Device terminals:

O: Output terminals (bridged internally)

L: Live (110-240V) terminal

N: Neutral terminal

Wires:

N: Neutral wire

L: Live wire (110 - 240 VAC)

