



# Set of 4 Shelly 1 PM Gen4 Zigbee/Matter Controllers



Modelis: 1PMGen4-4pack

Gamintojas: SHELLY

EAN: 3800238070731

Prekės kodas: 373527

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## 112.99€

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### Shelly 1 PM Gen4 Zigbee/Matter set of 4 controllers

Shelly 1PM Gen4 is a compact built-in switch with power metering that combines several wireless communication standards - Zigbee, Wi-Fi, Bluetooth and Matter. The device allows you to remotely control connected power consumers, and with accurate power measurement it allows you to analyze energy consumption in real time. Thanks to its small size, it can be successfully installed in flush-mounted boxes, behind sockets or light switches. In the set you will find four pieces of the product.

### Full control in your hands

The controller can be operated locally via Wi-Fi or remotely via the Shelly app, a web browser or integration with home automation systems. The built-in web interface allows you not only to remotely turn appliances on and off, but also to configure settings and read power consumption

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Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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data. Remote access works anywhere the device has an Internet connection - no central hub is required. Shelly 1PM Gen4 offers extensive integration with external systems - it supports MQTT, HTTPS, Web Hooks, KNXnet/IP and scripts written in ShellyScript, among others. You can create schedules (up to 20 tasks) and scenes to automate devices based on time, days of the week or weather conditions.

## Multi-standard communication

The Shelly 1PM Gen4 supports 4 major communication standards - Wi-Fi (802.11 b/g/n), Bluetooth 5.0, Zigbee (802.15.4) and Matter. This makes it seamlessly integrate with popular platforms such as Alexa, Google Assistant, Samsung SmartThings and Home Assistant. The controller can also act as a Zigbee and Wi-Fi signal repeater, strengthening the coverage of these networks in IoT installations.

## Measuring energy consumption and protecting the installation

The device features a built-in wattmeter and ammeter, allowing real-time monitoring of power consumption by connected devices. In addition, the data record can be analyzed in the app. Measuring energy consumption makes it easier to optimize power consumption in the home or office. An integrated internal temperature sensor takes care of safety, protecting the device from overheating.

## Included:

- Shelly 1 PM Gen4 Zigbee/Matter controller x4

## General

**Manufacturer** Shelly

**Model** 1PMGen4-4pack

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**Physical characteristics****Dimensions** 37 x 42 x 16 mm / 1.46 x 1.65 x 0.63 inches

**Weight** 27 g / 0.95 oz

**Maximum terminal tightening torque** 0.4 Nm / 3.5 lbin

**Cable cross section** 0.2 to 2.5 mm<sup>2</sup> / 24 to 14 AWG (wire, wire, sleeve)

**Wire stripping length** 6 to 7 mm / 0.24 to 0.28 in.

**Mounting** Wall console

**Housing material** Plastic

**Housing color** Red

**Clamp color** Gray

## Environmental conditions

**Operating temperature** -20 °C to 40 °C / -5 °F to 105 °F

**Operating humidity** 30% to 70% RH

**Maximum altitude** 2000 m / 6562 ft

## Electrical parameters

**Power supply** 110-240 V~ ; 24-30 V□

**Power consumption** 1 W

**Neutral wire required** Yes

**External protection** Overcurrent circuit breaker according to EN60898-1 (characteristics B or C, rated current max. 16 A, breaking capacity min. 6 kA, energy limitation class 3)

## Sensors and measurements

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**Voltmeter (AC)** Yes

**Ammeter (AC)** Yes

**Internal temperature sensor** Yes

## Wi-Fi

**Protocol** 802.11 b/g/n

**RF band** 2412 - 2472 MHz

**RF power** 20 dBm

**Range** Up to 30 m indoors / 50 m outdoors (depending on conditions)

## Bluetooth

**Protocol** 5.0

**RF band** 2402 - 2480 MHz

**RF power** 4 dBm

**Range** Up to 10 m indoors / 30 m outdoors (depending on conditions)

## Zigbee

**Protocol** 802.15.4

**Zigbee repeater** Yes

**RF bandwidth** 2400 - 2483.5 MHz

**RF power** 20 dBm

**Range** Up to 100 m indoors / 300 m outdoors (depending on conditions)

## Microcontroller unit

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**CPU** ESP-Shelly-C68F

**Flash memory** 8 MB

## Software functionality

**Schedules** 20

**Webhooks (URL shares)** 20 with 5 URLs per webhook

**Scripts** Yes

**MQTT** Yes

Connectivity: ZigBee, Category: Switches , Information about data generation:

<https://dataact.innpro.pl/Shelly/3800238070731>, GPSR Link: <https://psr->

[assets.innpro.pl/smarthome/sg\\_smarthome\\_controls.pdf](https://assets.innpro.pl/smarthome/sg_smarthome_controls.pdf), Gross weight: 142, Net weight: 113, Box

length: 10,00, Box width: 9,00, Box height: 1,50

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