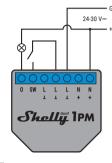


EN Fig. 1. 110-240 V~ Power supply DE Abb. 1. 110-240 V~ Stromversorg IT Fig. 1. Alimentazione 110-240 V~



EN Fig. 2. 24-30 V power supply DE Abb. 2. 24-30 V Stromversorgung IT Fig. 2. Alimentazione 24-30 V

EN

Legend

- Legenu
 Device terminals

 O: Load circuit output terminal

 SW: Switch input terminal (controlling 0)

 L: Live terminal (10-240 V~)

 N: Neutral terminal

 ±: 24-30 V ~ positive terminal

 1.24-30 V ~ negative terminal

- 1 · L ive wire (110-240 V~)

- N: Neutral wire
 +: 24-30 V= positive wire
 GND: 24-30 V= ground wire DE
- Legende

Geräteanschlüsse

- O: Ausgangklemme des Lastkreises SW: Eingangklemme des Schalters
- SW: Eingangmenn.... (Steuerung 0)
 L: Klemme für Phase (110-240 V~)
 N: Klemme für Neutralleiter
 +: 24-30 V= Positive Anschluss
 L: 24-30 V= Negative Anschluss

- L: Stromführendes Kabel (110-240 V~)
- N: Neutralleiterkabel
 +: 24-30 V= Positive Kabel
 GND: 24 30 V= Erdungskabel (Masse)
- IT

Leggenda

- Leggenda
 Terminali del dispositivo
 O: Terminale di uscita del circuito di carico
 SW: Terminale d'ingresso dell'interruttore
 (controllo 0)
 L: Terminale sotto tensione (110-240 V~)
 N: Terminale sotto tensione V--: Terminale positivo 24-30 V--Cavi

- L: Cavo sotto tensione (110-240 V~)
- N: Cavo neutro
- N: Cavo neutro
 +: Terminale positivo 24-30 V
 GND: Cavo di terra 24 30 V

User and safety guide Shelly 1PM Gen3

EN

Smart switch with power

Safety information

For safe and proper use, read this guide, and any other documents accompanying this product. Keep them for future reference. Failure to follow the installation procedures Failure to follow the installation procedures can lead to malfunction, danger to health and life, violation of law, and/or refusal of legal and commercial guarantees (if any). Shelly Europe Ltd. is not responsible for any loss or damage in case of incorrect installation or improper operation of this device to failure to follow the user and safety instructions in this guide.

A This sign indicates safety information.

O This sign indicates an important note.

A WARNING! Risk of electric shock. Installation of the Device to the power grid must be

tion of the Device to the power grid must be performed carefully by a qualified electrician.

\(\tilde{\tilde{\tilde{Warning!}} \) Before installing the Device, turn the circuit breakers off. Use a suitable test device to make sure there is no voltage on the wires you want to connect. When you are sure that there is no voltage, proceed to the installation.

AWARNING! Before making any changes to

nstallation.

[ARNING! Before making any changes to connections, ensure there is no voltage ent at the Device terminals.

present at the Device terminals.

ACAUTION! Connect the Device only to a power grid and appliances that comply wit all applicable regulations. A short circuit in the power grid or any appliance connected to the Device can cause fire, property damage,

and electric shock.

ACAUTION! The Device may be co ACAUTION: The Device may be connected to and control only electric circuits and appliances that comply with the applicable standards and safety norms.

ACAUTION! Do not connect the Device to appliances that exceed the specified maximum electric load.

ACAUTION! Connect the Device only in the

way shown in these instructions. Any other method could cause damage and/or injury.

method could cause damage and/or injury.

**ACAUTION!* The Device and the appliances connected to it, must be secured by a cable protection switch in accordance with EN60898-1 (tripping characteristic B or C, max. 16A rated current, min. 6 kA interrupting rating, energy limiting class 3).

**ACAUTION!* Do not use the Device if it shows any sign of damage or defect.

**ACAUTION!* Do not attempt to repair the Pewice worself.

Device yourself.

CAUTION! The Device is intended only for

CAUTION! Keep the Device away from dirt

and moisture.

ACAUTION! Do not allow children to play

with the buttons/switches connected to the Device. Keep the devices (mobile phones, tab-lets, PCs) for remote control of Shelly away

Product description

Shelly 1PM Gen3 (the Device) is a smart Shelly IPM Gen3 (the Device) is a smart switch with power measurement. It operates on both, AC and DC power. Its small form factor allows retrofitting into standard electrical wall boxes, behind power sockets, light switches, or other places with limited space. The Device has an embedded web interface used to monitor, control, and adjust the Device. The web interface is accessible at http://light.org/10.1006/j.com/10.1 ttp://192.168.33.1 when connected directl to the Device access point or at its IP ad dress when you and the Device are connect

ed to the same network. The Device can access and interact with oth re smart devices or automation systems if they are in the same network infrastructure. Shelly Europe Ltd. provides APIs for the de-vices, their integration, and cloud control. For more information, visit https://shelly-api-docs.shelly.cloud.

https://shelly-api-docs.shelly.cloud.
The Device comes with factory-installed firm-ware. To keep it updated and secure, Shelly Europe Ltd. provides the latest firmware updates free of charge. Access the updates through either the embedded web interface or the Shelly Smart Control mobile application. Installation of firmware updates is the user's responsibility. Shelly Europe Ltd. shall not be liable for any lack of conformity of the Device caused by the failure of the user to install the available updates in a timely manner.

Installation instructions

than PVC T105°C (221°F).

ns or switches with built-in Do not use butte

LED or neon glow lamps.

① When connecting wires to the Device termi-

○When connecting wires to the Device terminals, consider the specified conductor cross section and stripped length. Do not connect multiple wires into a single terminal.

○For security reasons, after you successfully connect the Device to the local WiFi network, we recommend that you disable or password-protect the Device AP (Access Point).

⑦ To perform a factory reset of the Device, press and hold the Control button for 10

seconds.

To enable the access point and the Blue tooth connection of the Device, press and

hold the Control button for 5 seconds When connecting wires to the Device termi nals, consider the specified conductor cross section and stripped length. Do not connect multiple wires into a single terminal.

Do not use L terminal(s) of the device to prove the device.

power other devices If you are using 110 - 240 V~ power supply (Fig. 1).

1. Connect the load electric in the content of the c

- of the Device and the Neutral wire.

 2. Connect the Live wire to an L terminal of
- the Device Connect the Neutral wire to an N terminal
- 3. Connect the Neutral wire to an N terminal of the Device
 4. Connect a switch or button to the device SW terminal and any of the unused L terminals of the Device.

 If you are using 24 30 V∞ power supply (Fig. 2):

 Note that power measurement is not available in DC power.
- Note that power measurement is not avairable in DC power.

 Connect the load to the O terminal of the

- nect the + wire to a + terminal of the
- 4 Connect a switch or button to the SW terminal and any of the unused **1** terminals of the Device.

Specifications

Physical

- Size (HxWxD):

- Environmental

- Electrical

- Power consumption:
 Output circuits ratings
 Max. switching voltage
 240 V~
- 30 V=
- -16 A (240 V~)
- -10 A (30 V--) Sensors, meters

- ocal: 802 11 h/a/

- conditions)

Bluetooth

- conditions)
 Microcontroller unit
 CPU: ESP-Shelly-C38F

- Flash: 8 MB
- Firmware capabilities
- Schedules: 20
- per hook Wi-Fi range extender: Yes

- BLE Gateway: Yes Scripting: Yes MQTT: Yes Encryption: Yes

Shelly Cloud inclusion The Device can be monitored, controlled, and set up through our Shelly Cloud home automation service. You can use the service through either our Android, IOS, or Harmony OS mobile application or through any internet browser at https://control.shelly.cloud/.

If you choose to use the Device with the application and Shelly Cloud service, you can find instructions on how to connect the Device to the Cloud and control it from the Shelly app in the application guide

Troubleshooting

In case you encounter problems with the installation or operation of the Device, check its knowledge base page: https://shelly.link/1PM_Ge

Hereby, Shelly Europe Ltd. declares that the radio equipment type for Shelly 1PM Gen3 is in compliance with Directive 2014/53/EU, 2014/35/EU, 2014/35/EU, 2014/35/EU. The full text of the EU declaration of conformity is available at the following internet address: https://shelly.link/1PM_Gen3_DoC

nttps://shelly.link/1PM_Gen3_DoC Manufacturer: Shelly Europe Ltd. Address: 103 Cherni vrah Blvd., 1407 Sofia,

Tel.: +359 2 988 7435

E-mai: supportuesineny.crotical Official website: https://www.shelly.com Changes in contact information are pub-lished by the Manufacturer on the official





