

Contents [[hide](#)]

- [1 Shelly Mini Gen 4 Smart Relay](#)
- [2 Wiring diagram](#)
- [3 Safety information](#)
- [4 Product description](#)
- [5 Installation instructions](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)

Shelly

Shelly Mini Gen 4 Smart Relay



Wiring diagram

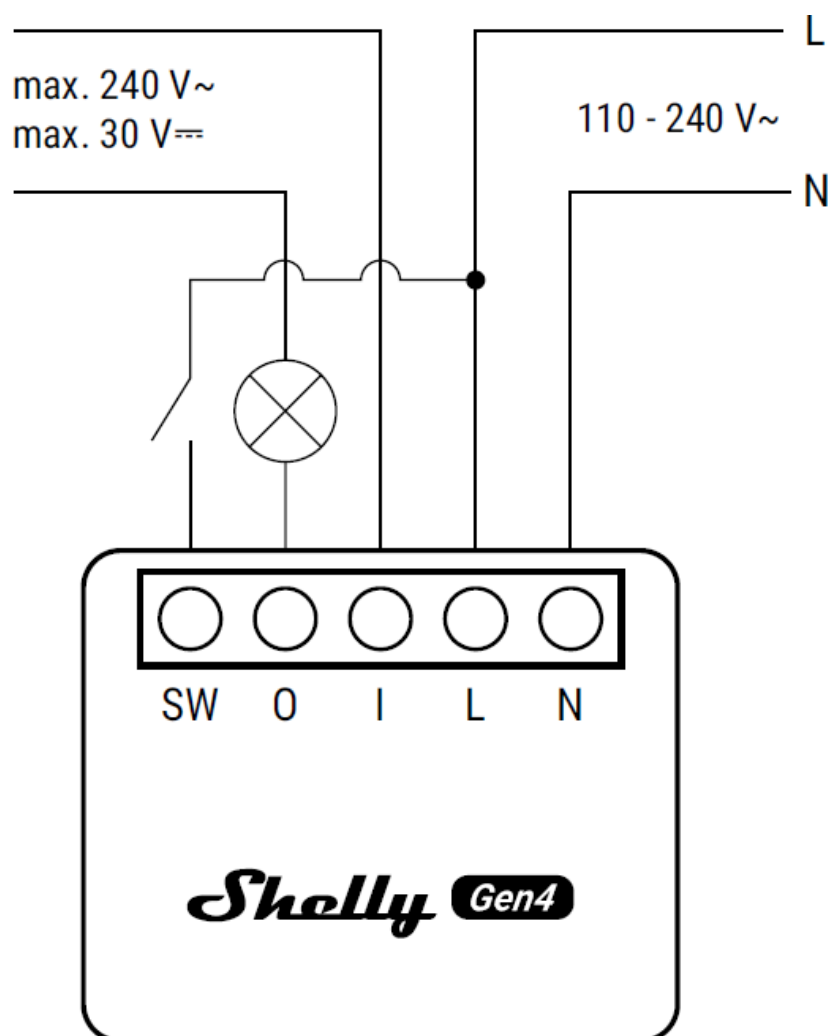
Legend

Device terminals

- SW: Switch input terminal
- O: Relay output terminal
- I: Relay input terminal
- L: Live (110-240 V~) terminal
- N: Neutral terminal

Wires

- L: Live wire (110-240 V~)
- N: Neutral wire



User and safety guide

- Shelly 1 Mini Gen4
- Smart switch with potential-free contacts

- Referred to in this document as “the Device”

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 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 due to failure to follow the user and safety instructions in this guide.

This sign indicates safety information.

This sign indicates an important note

- **WARNING!** Risk of electric shock. Installation of the Device to the power grid must be performed carefully by a qualified electrician.
- **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.
- **WARNING!** Before making any changes to the connections, ensure there is no voltage present at the Device terminals.
- **CAUTION!** Connect the Device only to a power grid and appliances that comply with 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.
- **CAUTION!** The Device may be connected to and control only electric circuits and appliances that comply with the applicable standards and safety norms.
- **CAUTION!** Do not connect the Device to appliances that exceed the specified maximum electric load.
- **CAUTION!** Connect the Device only in the way shown in these instructions. Any other method could cause damage and/or injury.
- **CAUTION!** 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. 16 A rated current, min. 6 kA interrupting rating, energy limiting class 3).
- **CAUTION!** Do not use the Device if it shows any sign of damage or defect.
- **CAUTION!** Do not attempt to repair the Device yourself.

- CAUTION! The Device is intended only for indoor use.
- CAUTION! Keep the Device away from dirt and moisture.
- CAUTION! Do not allow children to play with the buttons/switches connected to the Device. Keep the devices (mobile phones, tablets, PCs) for remote control of Shelly away from children.

Product description

- Shelly 1 Mini Gen4 is a Matter-compatible smart switch with potential-free contacts. Equipped with a multi-protocol wireless MCU, it supports Zigbee and Bluetooth connectivity for a secure connection. 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 to monitor, control, and adjust its settings. The web interface is accessible at <http://192.168.33.1> when connected directly to the Device access point or at its IP address when accessed from the same network.
- The Device can access and interact with other smart devices or automation systems if they are in the same network infrastructure. Shelly Europe Ltd. provides APIs for the devices, their integration, and cloud control. For more information, visit <https://shelly-api-docs.shelly.cloud>
- The Device comes with factory-installed firmware. 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

- To connect the Device, we recommend using solid single-core wires or stranded wires with ferrules. The wires should have insulation with increased heat resistance, not less than PVC T105°C (221°F).
- Do not use buttons or switches with built-in LED or neon glow lamps.
- 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 Wi-Fi network, we recommend that you disable or password-protect the Device AP (Access Point).
 - To enable the access point and the Bluetooth connection of the Device, press and hold the Reset/control button for 5 seconds.
 - To perform a factory reset of the Device, press and hold the Reset/control button for 10 seconds.
1. Connect the load circuit to the I and O terminals of the Device.
 - In the case of a DC load circuit, the voltage on the I and O terminals of the Device should not exceed 30 V .
 2. Connect the Live wire to the L terminal and the Neutral wire to the N terminal.
 3. Connect the switch to the SW terminal of the Device and the Live wire.

Adding Zigbee Device

To switch the Device from Matter firmware (default) to Zigbee, press 5 times the Reset button.

For UP PSTI Act Statement of Compliance scan the QR code



Documents / Resources



[Shelly Mini Gen 4 Smart Relay \[pdf\]](#) Instruction Manual

Shelly 1 Mini Gen4, Mini Gen 4 Smart Relay, 4 Smart Relay, Smart Relay, Relay

References

- [User Manual](#)

📄 4 Smart Relay, Mini Gen 4 Smart Relay, Relay, Shelly, Shelly 1 Mini Gen4, Smart

📁 Shelly Relay

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment

Search:

e.g. whirlpool wrf535swhz

Search

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.