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› Shelly Plus 1 Smart Wi-Fi & Bluetooth Relay Switch User Manual

Shelly Shelly Plus 1

Shelly Plus 1 Smart Wi-Fi & Bluetooth Relay Switch User Manual

Model: Shelly Plus 1

1. INTRODUCTION

The Shelly Plus 1 is a compact, smart relay switch designed to automate your home or office devices. It offers Wi-Fi and Bluetooth connectivity, allowing you to control lights, garage doors, irrigation systems, and other electrical appliances remotely via the Shelly Smart Control app, or through voice assistants like Amazon Alexa and Google Home. This device features dry contacts, making it versatile for various low-voltage applications.

PLUS

Shelly **PLUS 1**

**RELAY
SWITCH 16 A**

WI-FI AND
BLUETOOTH

x1

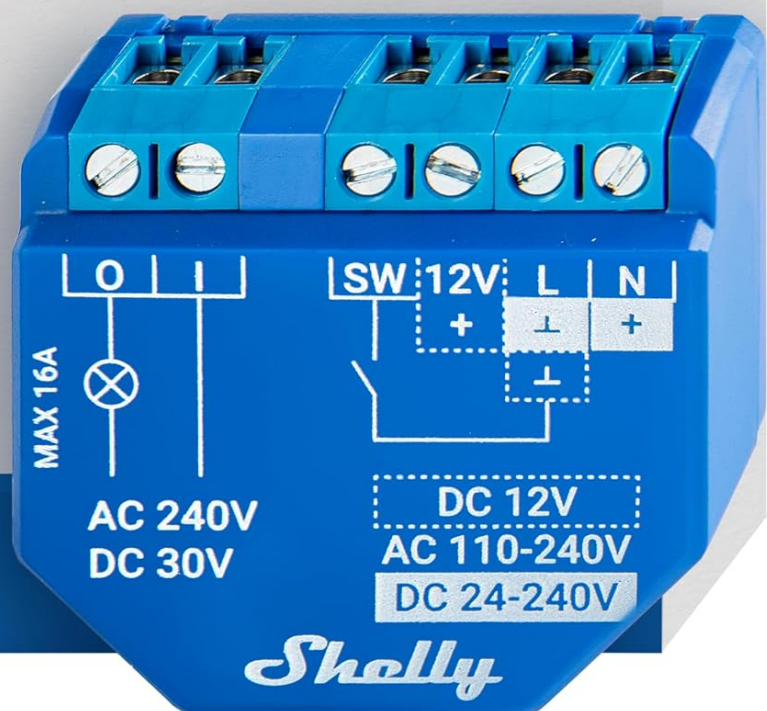


Image 1.1: Shelly Plus 1 Smart Relay Switch. This image shows the compact blue device with its terminal connectors.

2. SAFETY INFORMATION

WARNING!

- Installation must be performed by a qualified electrician or person with electrical knowledge, in accordance with local electrical codes and regulations.
- Disconnect power to the circuit before installation, maintenance, or any work on the device.
- Do not expose the device to direct sunlight, high humidity, or extreme temperatures.
- Ensure the device is used within its specified electrical ratings (16A, 240V AC).
- Keep the device away from children.

3. PACKAGE CONTENTS

Your Shelly Plus 1 package should contain:

- 1x Shelly Plus 1 Smart Relay Switch

4. PRODUCT OVERVIEW AND FEATURES

The Shelly Plus 1 is a versatile smart relay switch with the following key features:

- **Wi-Fi & Bluetooth Connectivity:** Connects directly to your home Wi-Fi network (2.4 GHz) and uses Bluetooth for quick pairing.
- **16A Max Load:** Capable of controlling devices up to 16 Amperes.
- **Dry Contacts:** Ideal for controlling garage doors, gate openers, and other low-voltage systems without supplying power to the controlled circuit.
- **Compact Design:** Small enough to fit behind most wall switches or power outlets.
- **Voice Assistant Compatible:** Works with Amazon Alexa and Google Home.
- **No Hub Required:** Operates independently or as part of a larger smart home ecosystem.
- **Enhanced Security:** Supports MQTT, WSS, TLS, and custom certificates.

Taille idéale

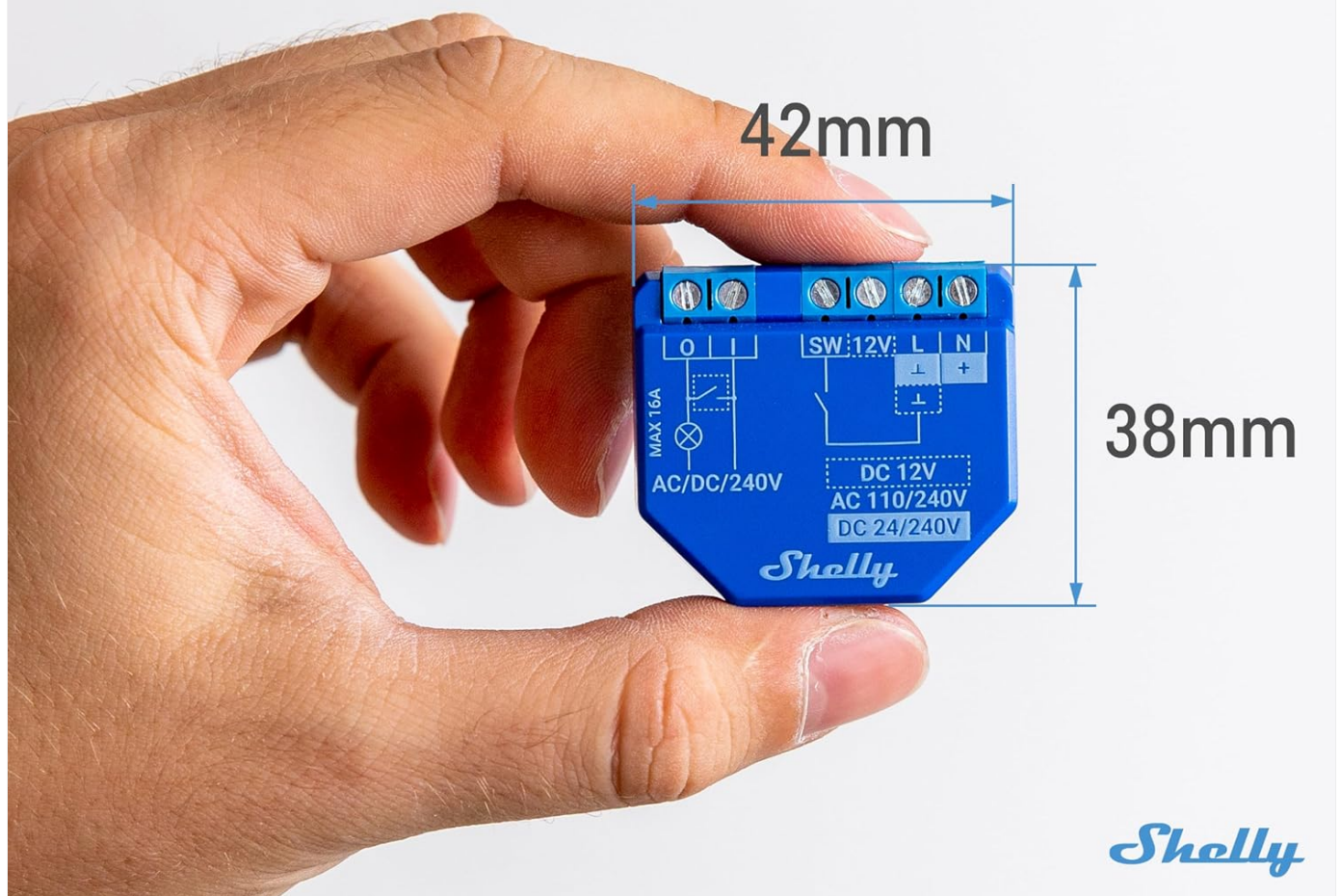


Image 4.1: Shelly Plus 1 Dimensions. The device measures 42mm by 38mm, highlighting its compact size.

Connectivité

Wi-Fi & Bluetooth

- Connectez Shelly Plus 1 à votre réseau Wi-Fi. Aucun hub requis!
- Connectez vos appareils sans efforts via Bluetooth via l'appli Shelly Smart Control



Image 4.2: Wi-Fi & Bluetooth Connectivity. Illustrates the device connecting to a smartphone via Wi-Fi and Bluetooth.

Contacts secs

- Contrôle direct d'un canal
- Approprié aux installations à basse tension, comme les portails de garage, les contacteurs et autres usages bénéficiant de contacts secs



Shelly

Image 4.3: Dry Contacts Feature. Shows a garage door opening, indicating the use of dry contacts for control.

5. TECHNICAL SPECIFICATIONS

Power Supply AC	110-240V $\pm 10\%$, 50/60Hz
Power Supply DC	12V / 24-48V
Max Load	16A / 240V AC
Wireless Protocol	Wi-Fi 802.11 b/g/n (2.4 GHz) & Bluetooth
Operating Temperature	-20°C to 40°C (-4°F to 104°F)
Dimensions (HxWxD)	42 x 38 x 17 mm
Dry Contacts	Yes

Power Consumption	< 1.2 W
Model Number	3800235265000

6. INSTALLATION AND SETUP

6.1. Wiring Diagram

The Shelly Plus 1 is designed for installation inside standard wall consoles, electrical control panels, or behind light switches and power outlets. Always ensure the main power supply is OFF before proceeding with any wiring.

Facile à installer

- Conçu pour montage à l'intérieur de boîtiers muraux, tableaux électriques ou derrière des interrupteurs et des prises
- Se monte en moins de 10 minutes



Image 6.1: Easy Installation. Shows a hand connecting wires to the Shelly Plus 1, indicating it can be installed in under 10 minutes.

Typical Wiring (AC Power):

- **L:** Live wire (Phase)
- **N:** Neutral wire

- **O**: Output to the load (e.g., light, appliance)
- **SW**: Switch input (for connecting a physical wall switch)
- **+**: Positive DC input (for DC power supply)
- **-**: Negative DC input (for DC power supply)

For detailed wiring diagrams specific to your application (e.g., light control, garage door opener), please refer to the official Shelly support website or consult a qualified electrician.

6.2. Initial Power On and Device Inclusion

1. After wiring the device, restore power to the circuit.
2. The Shelly Plus 1 will create an open Wi-Fi Access Point (AP).
3. Download the **Shelly Smart Control** app from the Google Play Store or Apple App Store.
4. Open the app and create an account or log in.
5. Follow the in-app instructions to add your new device. The app will guide you through connecting the Shelly Plus 1 to your home Wi-Fi network.
6. You can also use the device's built-in web interface by connecting to its AP and navigating to its IP address in a web browser.

7. OPERATION

7.1. Controlling Devices via Shelly App

Once added to the Shelly Smart Control app, you can:

- Turn connected devices ON/OFF remotely from anywhere.
- Set schedules for automatic operation (e.g., turn lights on at sunset).
- Create scenes to control multiple Shelly devices simultaneously.
- Monitor the status of your connected devices.

7.2. Voice Control Integration

The Shelly Plus 1 is compatible with popular voice assistants:

- **Amazon Alexa**: Enable the "Shelly" skill in the Alexa app and link your Shelly account. Then, you can say commands like, "Alexa, turn on the living room light."
- **Google Home**: Link your Shelly account in the Google Home app. You can then use commands such as, "Hey Google, turn off the garage door."

Compatible avec...

- Alexa & Google Home
- Android & iOS
- Homey, SmartThings, entre autres



Image 7.1: Compatibility. Shows a smart speaker, indicating compatibility with Alexa, Google Home, Android, iOS, Homey, and SmartThings.

7.3. Automation and Schedules

Leverage the power of automation within the Shelly app:

- **Timers:** Set countdown timers for devices to turn off after a certain period.
- **Schedules:** Program devices to turn on/off at specific times or based on sunrise/sunset.
- **Scripts:** For advanced users, custom scripts can be written to create complex automation routines.

8. MAINTENANCE

- **Cleaning:** Gently wipe the device with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Regularly check for and install firmware updates via the Shelly Smart Control app to ensure optimal performance, security, and access to new features.

9. TROUBLESHOOTING

Problem	Possible Solution
Device not connecting to Wi-Fi	◦ Ensure your Wi-Fi network is 2.4 GHz. ◦ Check Wi-Fi password. ◦ Move the device closer to the Wi-Fi router. ◦ Perform a factory reset (refer to Shelly support for instructions).
Device unresponsive	◦ Check power supply to the device. ◦ Verify wiring connections. ◦ Restart your Wi-Fi router.
Voice control not working	◦ Ensure the Shelly skill/service is enabled and linked in your Alexa/Google Home app. ◦ Check device names for conflicts or clarity. ◦ Verify internet connection.

10. WARRANTY AND SUPPORT

The Shelly Plus 1 comes with a **2-year manufacturer's warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, detailed guides, FAQs, and community forums, please visit the official Shelly support website:

Shelly Support Center

You can also find a network of certified installers and Facebook support groups for additional assistance.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question