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› Shelly Plus 1 WiFi Smart Relay Switch User Manual

Shelly Plus 1

Shelly Plus 1 WiFi Smart Relay Switch User Manual

Model: Plus 1 (3800235265000)

1. INTRODUCTION

The Shelly Plus 1 is a compact Wi-Fi and Bluetooth enabled smart relay switch designed for home automation. It features a single channel with a maximum current rating of 16A, allowing for individual control of various electrical appliances, circuits, and office equipment. This device can also function as a Wi-Fi repeater and Bluetooth gateway, enhancing connectivity within your smart home ecosystem.



Image 1.1: Overview of the Shelly Plus 1 Smart Relay Switch.

2. KEY FEATURES

- **Wi-Fi and Bluetooth Connectivity:** Connects directly to your Wi-Fi network without requiring a separate hub. Bluetooth allows for effortless device connection via the Shelly Smart Control app.
- **Single Channel Control:** Manages one electrical circuit or appliance with a maximum load of 16A.
- **Dry Contacts:** Suitable for low-voltage applications such as garage doors, contactors, or other systems benefiting from isolated switching.
- **Compact Design:** Designed to fit into standard gang boxes, breaker boxes, and behind wall switches or sockets.
- **Broad Compatibility:** Works with popular smart home platforms including Alexa, Google Home, SmartThings, and Homey.
- **Enhanced Security:** Supports MQTT and WSS, TLS, and custom certificates for secure communication.

Wi-Fi & Bluetooth operated

- Connect Shelly Plus 1 to your Wi-Fi network. No HUB required!
- Connect devices effortlessly via Bluetooth with the Shelly Smart Control app



Image 2.1: The Shelly Plus 1 offers both Wi-Fi and Bluetooth connectivity for flexible control.

Works with...

- Alexa & Google Home
- Android & iOS
- Homey, SmartThings, among others



Image 2.2: The Shelly Plus 1 is compatible with various smart home ecosystems, including Alexa and Google Home.

3. SAFETY INFORMATION

Please read this user manual carefully before installation and use. Failure to follow instructions may lead to malfunction, danger, or violation of the law. Shelly is not responsible for any loss or damage in case of incorrect installation or operation.

- Installation should be performed by a qualified electrician or person with electrical knowledge.
- Ensure the main power supply is disconnected before any wiring work.
- The device is designed for indoor use only.
- Do not expose the device to direct sunlight, high humidity, or extreme temperatures.
- Adhere to all local electrical codes and regulations.

4. INSTALLATION

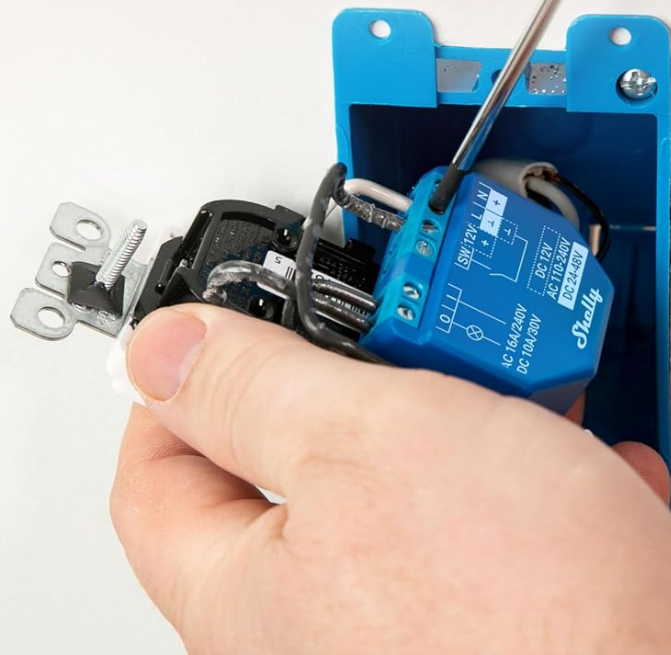
The Shelly Plus 1 is designed for quick and easy installation, typically in under 10 minutes. Its small size allows it to be retrofitted behind most wall switches or sockets.

4.1 Physical Installation

1. **Disconnect Power:** Before starting, ensure the main power supply to the circuit you are working on is turned off at the circuit breaker.
2. **Prepare Wiring:** Identify the Live (L), Neutral (N), and Load (O) wires, as well as any switch input (SW) wires.
3. **Connect Wires:** Follow the wiring diagram provided below to connect the Shelly Plus 1 to your electrical circuit. Ensure all connections are secure.
4. **Mount Device:** Place the Shelly Plus 1 into the gang box, breaker box, or behind the switch/socket.
5. **Restore Power:** Once all connections are secure and the device is safely housed, restore power to the circuit.

Easy to install

- Designed to fit into gang boxes, breaker boxes and behind switches or sockets
- Can be installed in less than 10 minutes



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Image 4.1: The compact design of the Shelly Plus 1 allows for easy installation within standard electrical boxes.

Ideal size

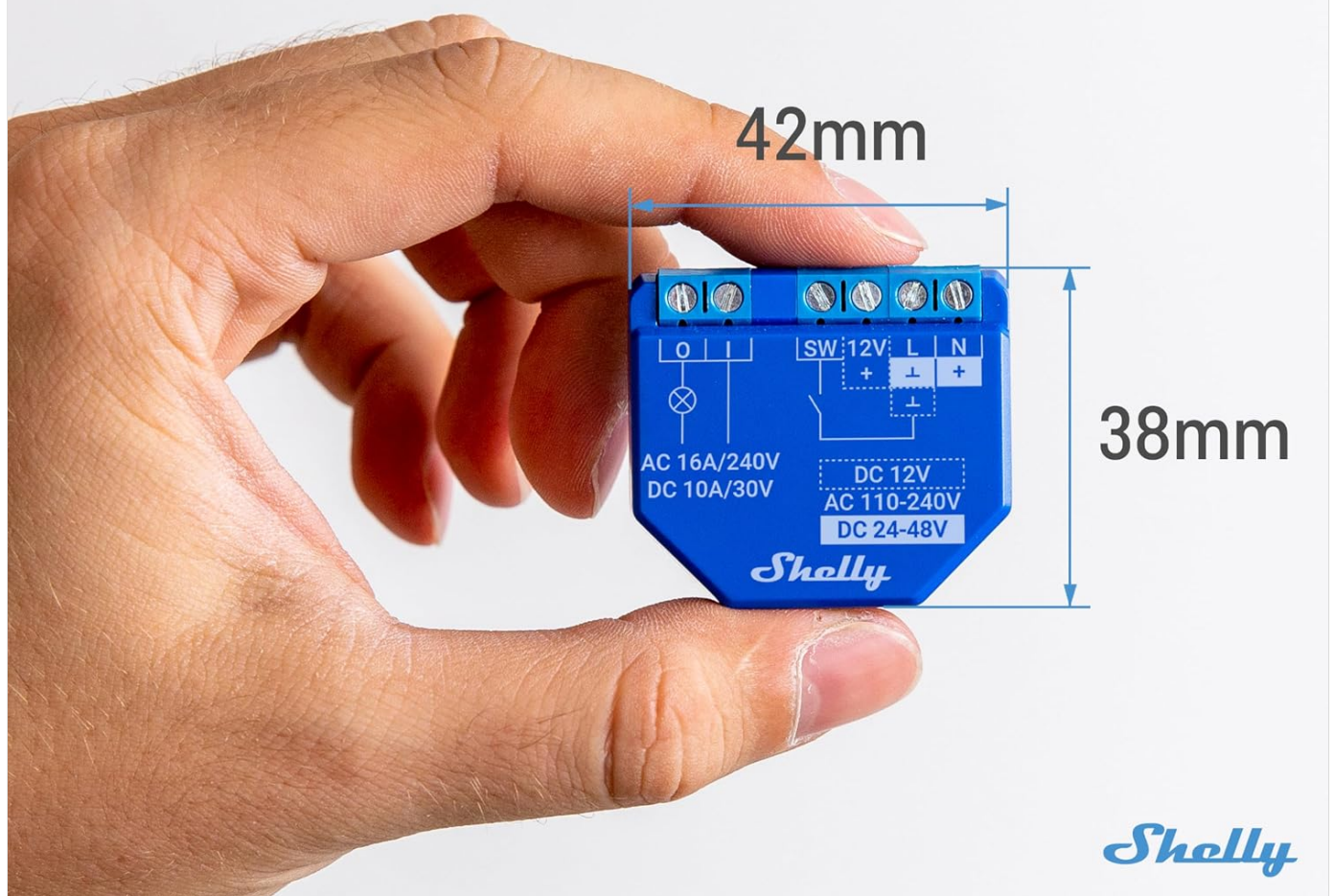


Image 4.2: The Shelly Plus 1 is designed to be small, fitting into tight spaces.

4.2 Wiring Diagram

The following diagram illustrates the typical wiring for the Shelly Plus 1. Always refer to the specific wiring requirements for your application.



Image 4.3: Standard wiring diagram for Shelly Plus 1. L: Live, N: Neutral, O: Output, SW: Switch Input.

5. OPERATION

After successful installation, the Shelly Plus 1 can be controlled via the Shelly Smart Control App, voice assistants, or its local web interface.

5.1 Initial Setup and App Control

1. **Download App:** Download the Shelly Smart Control App from your device's app store (iOS/Android).
2. **Create Account:** Register or log in to your Shelly account.
3. **Add Device:** Follow the in-app instructions to add your Shelly Plus 1. The app will guide you through connecting the device to your Wi-Fi network.
4. **Configure Settings:** Customize device settings, schedules, and scenes within the app.

5.2 Voice Control and Integrations

The Shelly Plus 1 is compatible with various voice assistants and smart home platforms:

- **Amazon Alexa:** Enable the Shelly skill in the Alexa app and discover devices.
- **Google Home:** Link your Shelly account in the Google Home app.
- **SmartThings:** Integrate Shelly devices through the SmartThings platform.

Once integrated, you can control your connected appliances using voice commands, for example, "Alexa, turn on the living room light."

Dry contacts

- Controls one channel directly
- Suitable for low voltage applications like garage doors, contactors, or other cases benefiting from dry contacts



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Image 5.1: The Shelly Plus 1 can be used to automate garage doors due to its dry contact feature.

6. MAINTENANCE

The Shelly Plus 1 requires minimal maintenance. To ensure optimal performance and longevity:

- Keep the device free from dust and debris.
- Avoid exposing the device to moisture or extreme temperatures.
- Periodically check for firmware updates through the Shelly Smart Control App to ensure you have the latest features and security enhancements.

7. TROUBLESHOOTING

If you encounter issues with your Shelly Plus 1, consider the following troubleshooting steps:

- **Device Not Responding:** Check the power supply to the device. Ensure your Wi-Fi network is operational and the

device is within range.

- **Cannot Connect to Wi-Fi:** Verify your Wi-Fi password. Ensure the device is in pairing mode. Try restarting your Wi-Fi router.
- **Frequent Disconnections:** Ensure the device has a strong Wi-Fi signal. Consider moving your Wi-Fi router closer or using a Wi-Fi repeater.
- **Device Resetting to Factory Settings:** This can sometimes occur due to power fluctuations or accidental activation of a reset mechanism. Ensure stable power and check the device's physical button configuration if applicable. If the issue persists, contact support.
- **App Issues:** Ensure the Shelly Smart Control App is updated to the latest version. Try clearing the app's cache or reinstalling it.

For more detailed troubleshooting or persistent issues, refer to the official Shelly support resources.

8. SPECIFICATIONS

Feature	Specification
Model Number	3800235265000
Connectivity	Wi-Fi, Bluetooth
Max Current Rating	16 Amps
Contact Type	Normally Open (Dry Contacts)
Contact Material	Stainless Steel
Connector Type	Screw Terminals
Mounting Type	Flush Mount
Product Dimensions	1.46 x 1.65 x 0.63 inches (37 x 42 x 16 mm)
Weight	0.92 ounces (26 grams)
Manufacturer	Allterco Robotics EOOD

9. WARRANTY AND SUPPORT

The Shelly Plus 1 comes with a **3-year device warranty** from the date of purchase. For warranty claims or technical assistance, please contact Shelly customer service. Additional support resources, including a knowledge base, technical support, and community forums, can be found on the official Shelly support website:

[Shelly Support Portal](#)



Image 9.1: Scan the QR code or visit the Shelly Support Portal for assistance.

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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