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Shelly 3800235265529

Shelly Plus 1 UL Smart Relay Switch User Manual

Model: 3800235265529

Introduction

The Shelly Plus 1 UL is a UL-certified Wi-Fi operated smart relay switch designed for home automation. This versatile device features a single channel with up to 15A capacity and includes potential-free outputs (dry contacts), allowing for flexible voltage support and a wide range of applications. It can function as a Wi-Fi repeater and Bluetooth gateway, enabling individual control of various home appliances, electrical circuits, and office equipment.

Setup and Installation

The Shelly Plus 1 UL is designed for easy and safe installation, typically taking less than 10 minutes. Its compact size allows it to fit conveniently behind most wall switches or wall sockets.

Safety Information

Always ensure power is disconnected before attempting any installation or wiring. If you are unsure about electrical installations, consult a qualified electrician.

Wiring and Connections

The relay can be powered by 120-240V AC mains power, 24-60V unregulated DC, or 12V DC from a voltage-regulated power supply. It features screw-type terminals that accommodate stranded or solid wire up to 14 AWG size. For optimal connection and to prevent loosening over time, using solid wire or stranded wire with crimped ferrules is recommended.



Image: The Shelly Plus 1 UL is designed for easy installation in standard electrical boxes.



Image: Front view of the Shelly Plus 1 UL showing its terminals and basic wiring diagram for AC/DC and dry contacts.

Initial Configuration

Upon first power-up, the device operates in a standalone mode, creating its own Wi-Fi access point (SSID typically starts with "ShellyPlus1"). You can connect to this access point using a computer or smartphone and access the device's built-in web interface by navigating to 192.168.33.1 in a web browser. Alternatively, use the Shelly Smart Control app for guided setup via Bluetooth.

Operating Instructions

The Shelly Plus 1 UL offers flexible control options through Wi-Fi and Bluetooth connectivity.

Wi-Fi and Bluetooth Operation

Connect the Shelly Plus 1 UL to your existing Wi-Fi network without requiring a separate hub. Bluetooth connectivity allows for effortless device pairing and control via the Shelly Smart Control app.



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

Dry Contacts Functionality

The device's potential-free outputs (dry contacts) allow it to control one channel directly, making it suitable for low-voltage applications such as garage doors, contactors, or other systems that benefit from isolated switching.



Image: The dry contacts feature enables control of devices like garage doors.

Smart Control App and Integrations

The Shelly Smart Control app provides remote control and notifications for automated events. You can configure devices individually or create personalized scenes by combining multiple Shelly devices. The Shelly Plus 1 UL is compatible with popular smart home platforms including Alexa, Google Home, Homey, and SmartThings.



Image: The Shelly Plus 1 UL seamlessly integrates with voice assistants like Alexa and Google Home.

Maintenance

The Shelly Plus 1 UL is designed for reliable, long-term operation with minimal maintenance. Ensure the device is kept within its specified operating temperature and humidity ranges. Periodically check wiring connections for tightness, especially after initial installation. No user-serviceable parts are inside the device. For cleaning, use a dry, soft cloth. Do not use liquid cleaners or aerosols.

Troubleshooting

If you encounter issues with your Shelly Plus 1 UL, consider the following common solutions:

- **Device Not Responding:** Ensure the device is properly powered. Check the electrical connections and verify the power supply is within the specified voltage range.
- **Wi-Fi Connectivity Issues:** During initial setup, connect to the device's Wi-Fi access point (SSID: "ShellyPlus1-XXXX", where XXXX are the last digits of the device ID). Access the web interface at 192.168.33.1 to configure Wi-

Fi settings. Ensure your Wi-Fi network is 2.4GHz.

- **App Connection Problems:** If using the Shelly Smart Control app, ensure Bluetooth is enabled on your phone for initial pairing. If the device is already connected to Wi-Fi, ensure your phone is on the same network.
- **No LED Indicator:** Please note that the Shelly Plus 1 UL does not feature an LED indicator. Operation status is typically confirmed through the app or by testing the connected load.
- **Difficulty with Schedules:** Schedules can be set up via the web interface or the Shelly app. Each schedule typically allows for a single start time and a specified duration for the action (e.g., turn on for 5 minutes).

For more detailed troubleshooting, refer to the official Shelly user guide available online or contact Shelly customer support.

Specifications

Feature	Specification
Model Number	3800235265529
Product Dimensions	1.65 x 1.46 x 0.63 inches
Weight	0.96 ounces
Max Current	15A
Power Supply (AC)	120-240V AC
Power Supply (DC)	24-60V DC (unregulated), 12V DC (regulated)
Contacts Type	Dry Contacts (Potential-free outputs)
Connectivity	Wi-Fi, Bluetooth
Certifications	UL Certified
Manufacturer	Allterco Robotics EOOD

Warranty and Support

Shelly provides a **3-year device warranty** for the Shelly Plus 1 UL. We are committed to offering professional support to our customers.
For further assistance, technical inquiries, or warranty claims, please visit the official Shelly website or contact Shelly customer service through their dedicated support channels. You can also find additional resources and FAQs on the Shelly Store on Amazon.
An official User Guide PDF is also available for download: Download User Guide (PDF)

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