

Shelly PLUS 1



PERFECTED HOME AUTOMATION EXPERIENCE AND ENHANCED LIGHTING CONTROL!

Intended for mounting behind the wall switch console or power socket, **Shelly Plus 1** brings enhanced control and automatization of the lights, garage door, the irrigation system, bathroom fan, and pretty much every old electrical appliances. Thanks to its small dimensions, it can fit even in the tiniest spaces.

ENHANCED WITH

HTTP/HTTPS webhooks

Get notifications or control another compatible equipment or 3rd party automation system.

Scripting for custom automation

Need custom functions or features not included in the default firmware? Add the tools you need with the build in microJS editor.

Weekly scheduling automation

Quickly set actions based on your daily or weekly schedule.

Smart actions for dynamic control

Set Shelly Plus devices to switch on/off the power, based on the Sunset/Sunrise hour and enjoy dynamic control depending on the season.



Wi-Fi operated

Connect Shelly Plus 1 to your Wi-Fi network. No HUB required.



Bluetooth

Add devices quickly and easily via Bluetooth connection, using Shelly Cloud App.



SELV compliant relay

Supports a wide range of voltages, with dry contacts and SELV isolation.



Extremely fast processor

For immediate command execution and notification.



Enhanced safety

Over-temperature protection with software thresholds for prevention of failures.



Enhanced security

MQTT and WSS support, TLS certificate support and management for a broad range of use cases.



Improved API interface

Broad range of cloud connections and local integrations.



No hub required

Control directly without a hub through your smartphone with Shelly Cloud App.



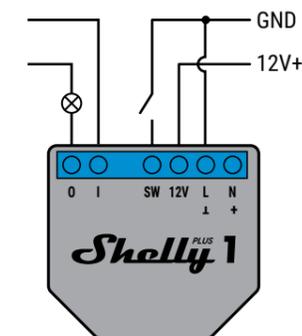
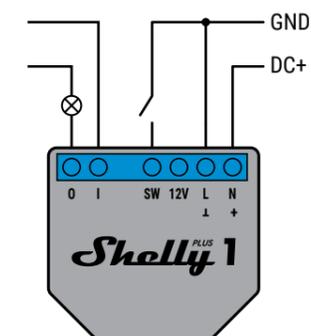
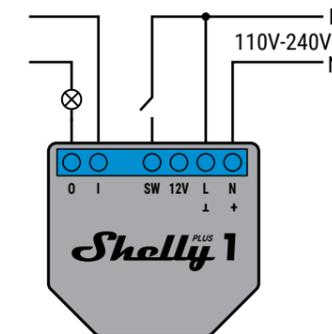
Highly compatible

Use with your preferred home automation platforms and voice assistants.



TECHNICAL SPECIFICATIONS

Power supply	<ul style="list-style-type: none"> • 110-240V ±10% 50/60Hz AC • 24-48V DC • 12V DC
Max load per channel	16A
Complies with EU standards:	<ul style="list-style-type: none"> • RE Directive 2014/53/EU • LVD 2014/35/EU • EMC 2014/30/EU • RoHS2 2011/65/EU
Working temperature	0°C ÷ 40°C
Radio signal power	1mW
Wireless/WiFi Protocol	802.11 b/g/n (2.4 GHz)
Frequency:	2412 - 2472 MHz
Operational range (depending on local construction)	<ul style="list-style-type: none"> • up to 50 m outdoors • up to 30 m indoors
Dimensions (HxWxL)	41x36x16 mm
Electrical consumption	< 1,2 W



LEGEND

- N** - NEUTRAL INPUT (ZERO)
- L** - LINE INPUT (110-240V)
- O** - RELAY OUTPUT
- I** - RELAY INPUT
- SW** - SWITCH (INPUT) CONTROLLING O
- 12V** - DC STABILIZED