

# Shelly PRO 1



## USE SHELLY PRO 1 for

Shelly Pro 1 is enhanced with scripting functionalities, allowing users to set custom automation scenes based on various occurrences such as weather forecast, wind force forecast, etc.



Lights control

Bathroom fan control



Irrigation system

Pool pump control



### LAN, Wi-Fi and Bluetooth

Simultaneous Wi-Fi and LAN usage, add device fast and easy via Bluetooth connection



### 1 channel relay

1 output, 16 A



### Dry Contacts

Supports a wide range of voltages, with dry contacts



### Wide range of voltage support

Shelly Pro 1 can be powered by 110-240 VAC



### Extremely fast processor

For immediate command execution and notification.



### Wide variety of appliances control

Suitable for automating the lights, appliances, irrigation system, pool system, heaters, and many more.



### Enhanced safety

Flame retardant shell (V-0) with internal overtemperature protection.



### Enhanced security

MQTT and WSS support, TLS and custom certificates support for a broad range of use cases.



### No hub required

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



### Highly compatible

Use with your preferred home automation platforms and voice assistants.

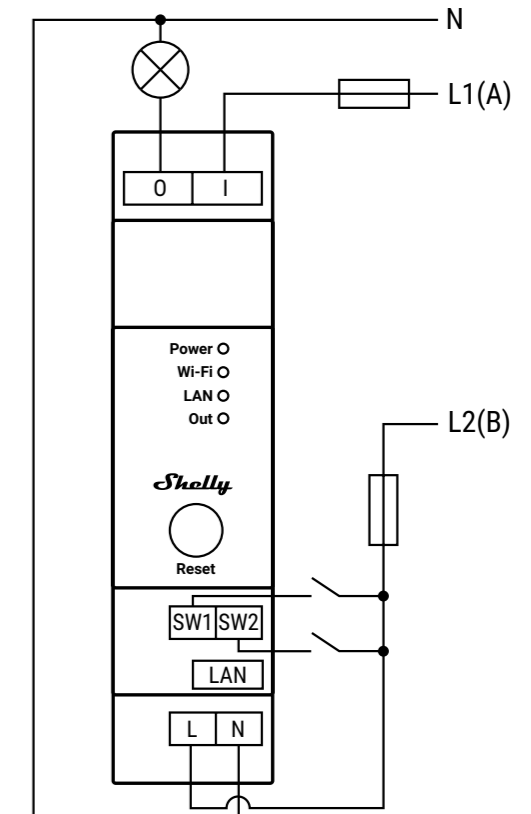
## PROFESSIONAL LIGHTS AND APPLIANCES AUTOMATION FOR RESIDENTIAL OR COMMERCIAL USE

**Shelly Pro 1** is a one-phase, 1 channel relay supporting up to 16 A. Equipped with potential-free outputs (dry contacts), Shelly Pro 1 offers high flexibility in voltage support and applications. Power it with 110-240 VAC, use scripting functionalities to set custom automation scenes based on various occurrences.

## TECHNICAL SPECIFICATIONS

<b>Power supply</b>	110-240 VAC, 50/60 Hz;
<b>Max load</b>	16 A
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"> <li>RE Directive 2014/53/EU</li> <li>LVD 2014/35/EU</li> <li>EMC 2014/30/EU</li> <li>RoHS2 2011/65/EU</li> </ul>
<b>Working temperature</b>	-20°C to 40°C
<b>Max RF output power</b>	13.35 dBm
<b>Wireless/Wi-Fi Protocol</b>	802.11 b/g/n (2.4 GHz)
<b>Frequency:</b>	2412 - 2472 MHz
<b>Operational range (depending on local conditions)</b>	<ul style="list-style-type: none"> <li>up to 50 m outdoors</li> <li>up to 30 m indoors</li> </ul>
<b>Dimensions (HxWxD)</b>	94x19x69 mm
<b>Electrical consumption</b>	< 3 W
<b>Wire cross section range</b>	0.5 - 1.5 mm <sup>2</sup> (blue) 0.5 - 2.5 mm <sup>2</sup> (green)

## HOW TO CONNECT



### Legend

#### Device terminals:

- O: Load output terminal
- I: Load input terminal
- SW1, SW2: Switch input terminals controlling O\*
- L: Live (110-240 VAC) terminal
- N: Neutral terminal
- LAN: Local Area Network RJ 45 connector

#### Cables:

- N: Neutral cable
  - L: Live (110-240 VAC) cable
  - L1(A): Load circuit live (110-240 VAC) cable
  - L2(B): Device power supply live (110-240 VAC) cable
- \* Can be reconfigured in the Device settings