

# Shelly PRO 2



## USE SHELLY PRO 2 FOR

Shelly Pro 2 are enhanced with scripting functionalities, allowing users to set custom automation scenes based on various occurrences such as weather forecast, wind force forecast, etc.



### LAN, Wi-Fi and Bluetooth

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



### 2 channels relay

2 outputs, 16 A each. Total device maximum capacity 25 A.



### Dry Contacts

Supports a wide range of voltages, with dry contacts.



### Wide range of voltage support

Shelly Pro 2 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 on 2 phases, appliances, pool and heating system, 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.

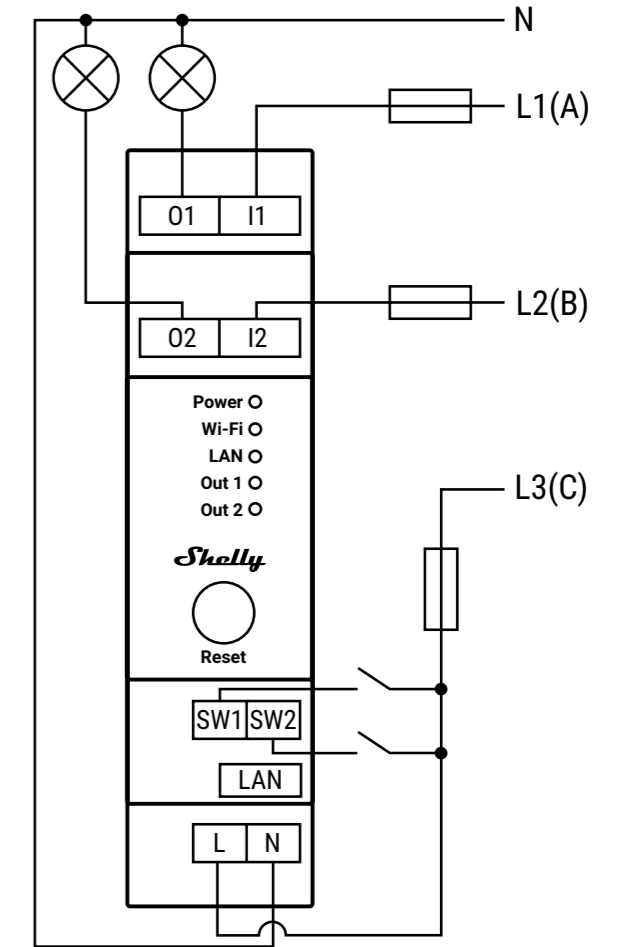
## APPLIANCES AUTOMATION AND LIGHTS CONTROL ON 2 PHASES!

Shelly Pro 2 is two-phases and 2 channels relay, supporting up to 25 A. Equipped with potential-free outputs (dry contacts), Shelly Pro 2 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 per channel</b>	16 A
<b>Total max. current of all outputs</b>	25 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/WiFi 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:

- O1, O2: Load output terminals
- I1, I2: Load input terminals
- SW1, SW2: Switch input terminals controlling O1 and O2
- L: Live (110-240 VAC) terminal
- N: Neutral terminal
- LAN: Local Area Network RJ 45 connector

#### Cables:

- N: Neutral cable
- L1(A): Load circuit 1 live (110-240 VAC) cable
- L2(B): Load circuit 2 live (110-240 VAC) cable
- L3(C): Device power supply live (110-240 VAC) cable