What is Shelly Pro 2?

2 circuit Wi-Fi relay switch with dry contacts

Professional 2-channel relay with Wi-Fi, LAN, and Bluetooth connection, suitable for home and facility automation with remote control and 2-phase control. DIN rail mountable inside a breaker box. Enhanced safety features and compatible with most used home automation platforms.

Features

- LAN, Wi-Fi, and Bluetooth connection
- 2 outputs, 16A each. Total device maximum of 25A
- 2-phase control
- Dry contacts
- Overpower and overvoltage protection of the load
- DIN rail mountable

Specification

Power	
Power supply AC	110-240V, 50/60Hz
Power supply DC	12V (new version does not support DC!)
Maximum load	16A per channel; 25A total maximum for device
DC output	0-30V; 12A (new version does not support DC!)
Special functions	
Dry contacts	Yes
2-phase control	Yes
Device temperature protection	Yes
Overload protection	No
Power measurement	No
Features	
HTTP/HTTPS webhooks	Yes
Custom scripts(mJs)	Yes

Channels	2 Channels / 2 phases
Operational temperature	-20°C to + 40 °C
Device power consumption	< 3 W
Intelligent On/Off	Yes
Local and remote control	Yes
Sunrise/Sunset	Yes
Weekly Schedule	Yes
UL Listed option	No
Connectivity	
Wireless	Yes
Wi-Fi Protocol	802.11 b/g/n
Wi-Fi Radio frequency	2412 – 2484 MHz
Wi-Fi Radio signal power	1mW
Wi-Fi Range	up to 50 m outdoors and up to 30 m indoors (depending on terrain and building structure)
Bluetooth	Yes
Ethernet	Yes
Dimensions	
Size	68.5×18.5×89.5 mm

Wiring diagrams

How to connect

Shelly PRO 2 v.1 Wiring (New version, no DC support)

N

L1(A)

O1 | I1

L2(B)

O2 | I2

Power ○
Wi-Fi ○
LAN ○
Out 1 ○
Out 2 ○

Shelly

Reset

L3(C)

SW1 | SW2

LAN

L | N