Shelly *PRO* 1
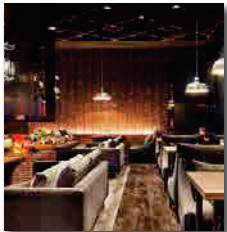
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LISTED
E504925
OPEN ENERGY
MANAGEMENT EQUIPMENT

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 switch
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 Smart Control App.

Highly compatible
Use with your preferred home automation platforms and voice assistants.
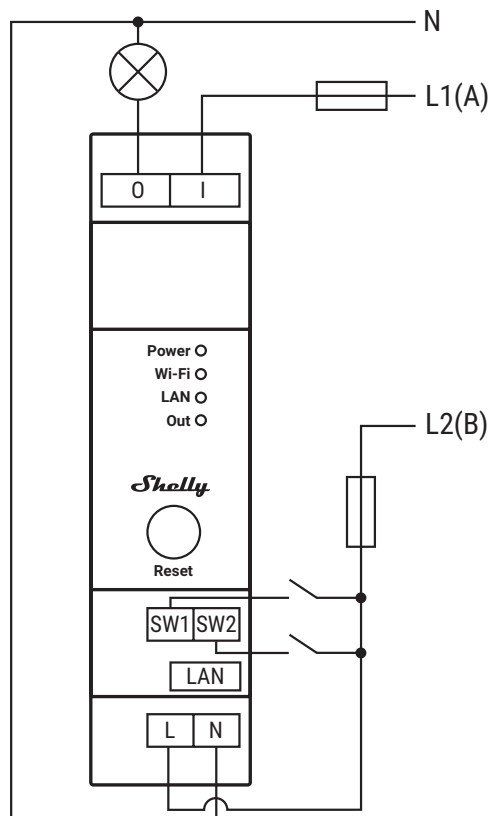
PROFESSIONAL LIGHTS AND APPLIANCES AUTOMATION FOR RESIDENTIAL OR COMMERCIAL USE

Shelly Pro 1 is a one-phase, 1 channel switch 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

Power supply	110-240 VAC, 50/60 Hz;
Max load	16 A / 15 A UL Version
Complies with EU standards:	• RED 2014/53/EU • LVD 2014/35/EU • EMC 2014/30/EU • RoHS2 2011/65/EU
Working temperature	-20°C to 40°C / -5°F to 105°F
Max RF power	13.35 dBm
Wireless/Wi-Fi Protocol	802.11 b/g/n (2.4 GHz)
Frequency	2400 - 2495 MHz
Operational range Wi-Fi (depending on local conditions)	• Up to 30 m / 100 ft indoors • Up to 50 m / 160 ft outdoors
Dimensions (HxWxD)	94x19x69 mm / 3.70x0.75x2.71 in
Electrical consumption	< 3 W
Wire cross section range	0.5 to 1.5 mm² (blue) 0.5 to 2.5 mm² (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