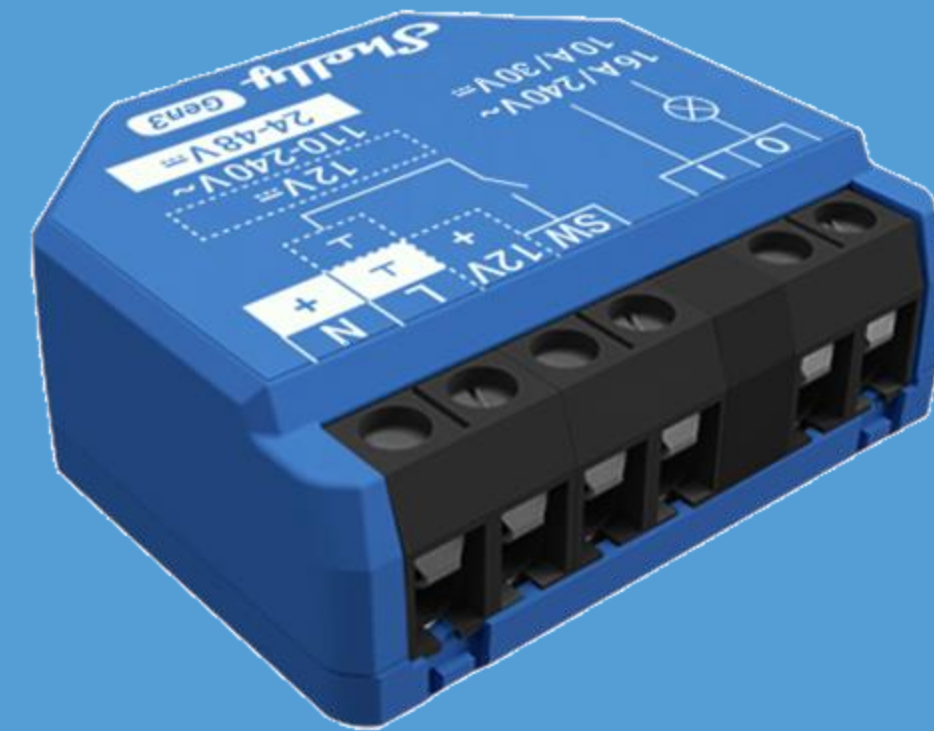


Shelly 1 Gen3

Wi-Fi-operated smart switch to control remotely a wide range of home appliances and office equipment (lights, power lines, security systems, heaters, radiators, sockets, LED strips, etc.) from anywhere.

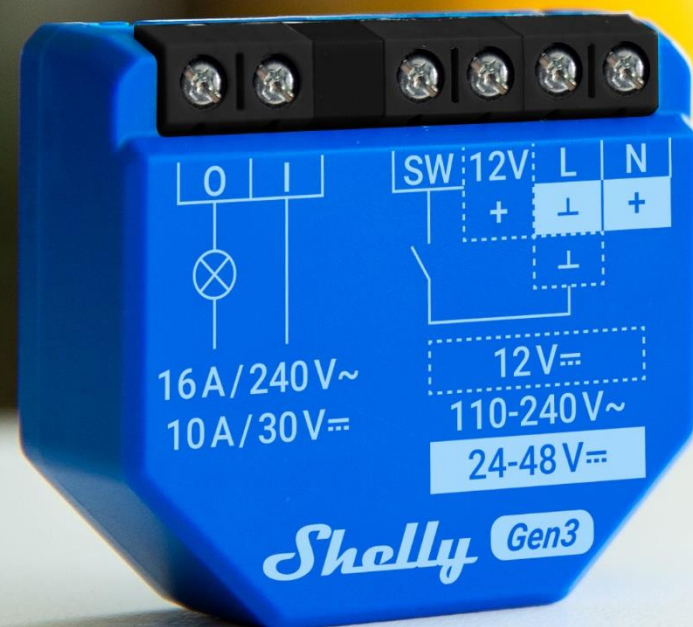


Shelly

Wi-Fi-operated smart switch with dry contacts, 1 channel 16A

Remotely control a wide range of home appliances and office equipment from anywhere.

Retrofit your standard electrical wall boxes, power sockets, and light switches or other places with limited space.



- Dry contacts (potential-free) - option for contactor control
- Enhanced performance - **ESP-Shelly-C38F chip** with an increased memory of **8 MB**
- Improved durability of terminals
- High Security
- Wi-Fi range extender & Bluetooth gateway
- Supports scripting, webhooks, MQTT, WebSocket, HTTPS, UDP, TLS, and custom certificates
- No HUB required! Easy control through Shelly Smart Control app, various home automation protocols, platforms, as well as voice assistants



Versatile Automation for Any Project

Our bestseller!

Now even more powerful,
equipped with our own
Shelly chip.

Perfect for automating
lighting, managing garage
doors, and modernizing old
appliances, Shelly 1 Gen3 is
the ideal choice for creating a
more efficient, connected
home and office. Suitable for
a wide range of automation
projects.

Control Your Garage Door Remotely

Automate your garage door and **gain control from anywhere in the world!**

Ideal for managing garage doors, with its **operational voltages of 12V DC and 24-48V DC.**

By using the Shelly Plus Add-on and a Reed switch, you can also know the current state (open/closed).

The background image shows a modern house with a dark grey garage door. The garage door has horizontal panels. The pillars on either side of the door are made of stacked stone. A metal railing is visible on the right side of the garage entrance. The foreground is a paved driveway.

Shelly

Optimal Heating and Cooling

Control valves and heating/cooling manifolds in your home, ensuring precise water flow management for optimal temperature regulation and energy efficiency.

Using it **together with Shelly BLU H&T** for each area, you can create **schedules and scenes to open valves** for hot water distribution when temperatures drop and switch between heating and cooling modes based on the current temperature.



Recommended device:

Shelly



Smart Lighting

Automate your lights to turn on at sunset and off at bedtime.

Create custom lighting schedules and scenes to match your daily routine.

Control your lights remotely and save energy by ensuring lights are never left on unnecessarily.

Shelly

Smart Irrigation

Effortlessly set up your irrigation system and configure the device to take weather forecasts into account, ensuring optimal **watering schedules based on real-time weather conditions.**

For optimal precision in your automation, you can also **use the Shelly Plus Add-on with a soil moisture sensor.**

Recommended device:



Shelly

KEY FEATURES



Wi-Fi connectivity and Bluetooth inclusion:

Connect Shelly 1 Gen3 to your Wi-Fi network. No HUB required! Quick inclusion via Bluetooth or use it as a Bluetooth gateway.



Dry contacts

Use it to control a wide range of devices and appliances.



Low and high voltage support:

Use a wide range of output voltage levels. Supports low voltages.



Smart scenes:

Set custom scenes by combining Shelly 1 Gen3 with your other Shelly devices.



Smart schedules & scenes:

Set custom schedules based on your daily agenda, or follow the sunrise/sunset and control your lighting accordingly.



TECHNICAL SPECIFICATIONS

Physical

Size (HxWxD): 37x42x16 mm / 1.46x1.65x0.63 in
Weight: 26 g / 0.92 oz
Screw terminals max torque: 0.4 Nm / 3.5 lbin
Conductor cross section: 0.2 to 2.5 mm² / 24 to 14 AWG (solid, stranded, and bootlace ferrules)
Conductor stripped length: 6 to 7 mm / 0.24 to 0.28 in
Mounting: Wall console / In-wall box
Shell material: Plastic
Shell color: Blue

Environmental

Ambient working temperature: -20°C to 40°C / -5°F to 105°F
Humidity: 30% to 70% RH
Max. altitude: 2000 m / 6562 ft

Electrical

Power supply: • 110-240 V~
• 24-48 V==
• 12 V==
Power consumption: < 1.2 W
Output circuits ratings
Max. switching voltage: • 240 V~
• 30 V==
Max. switching current: • 16 A (240 V~)
• 10 A (30 V==)
Sensors, meters
Internal-temperature sensor: Yes
Radio
Wi-Fi
Protocol: 802.11 b/g/n
RF band: 2401-2483 MHz
Max. RF power: < 20 dBm
Range: Up to 50 m / 165 ft outdoors, up to 30 m / 99 ft indoors (depending on local conditions)
Bluetooth

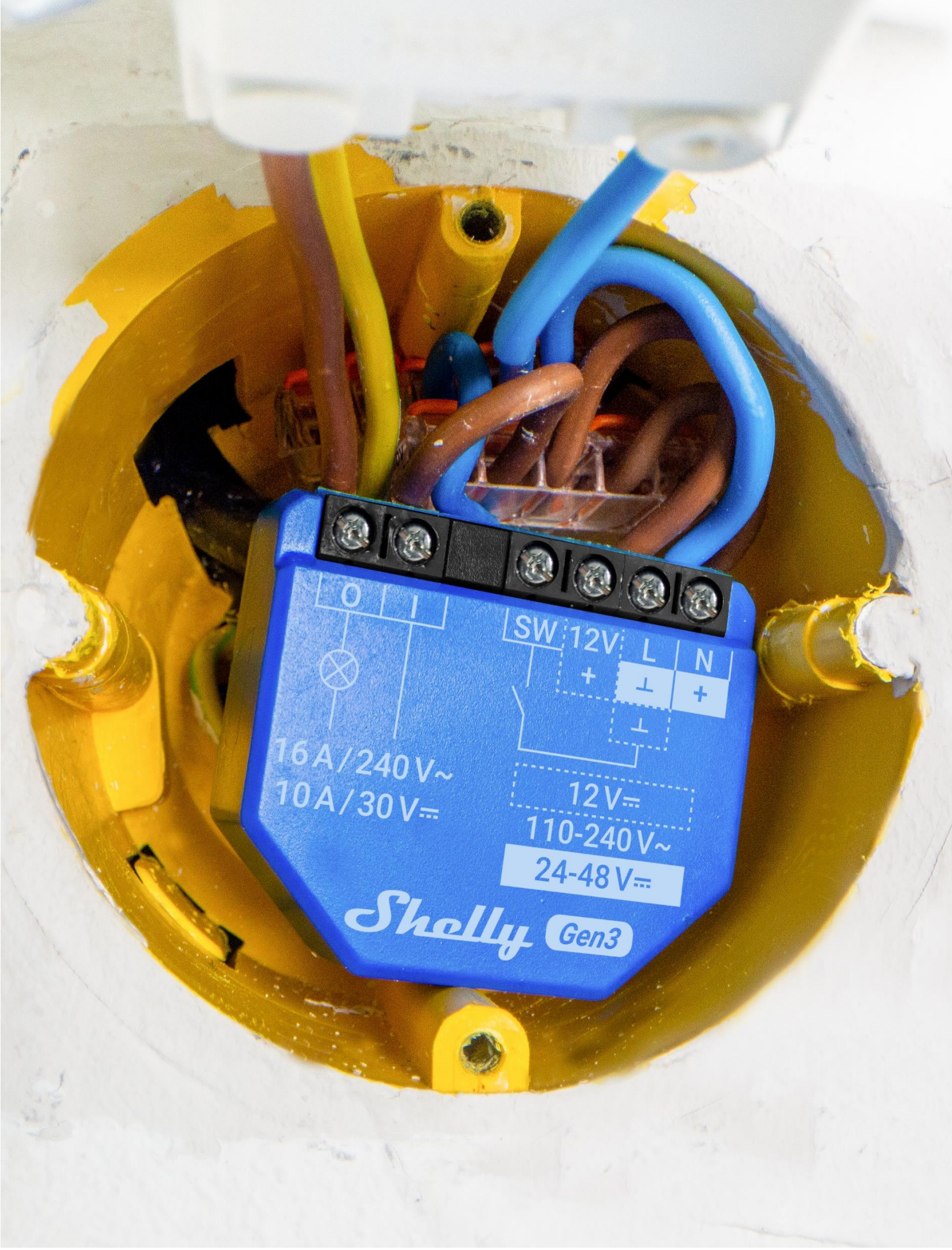
Protocol: 4.2
RF band: 2400 - 2483.5 MHz
Max. RF power: <4 dBm
Range: Up to 30 m / 100 ft outdoors, up to 10 m / 33 ft indoors (depending on local conditions)

Microcontroller unit

CPU: ESP-Shelly-C38F
Flash: 8 MB

Firmware capabilities

Schedules: 20
Webhooks (URL actions): 20 with 5 URLs per hook
Wi-Fi range extender: Yes
BLE Gateway Yes
Scripting: Yes
MQTT: Yes
Encryption: Yes



LOGISTIC DATA



Price

15.50 € excl. VAT

EAN

3800235261767

Box dimensions

44 x 39 x 22 mm

Box weight (gross)

0.040 kg



RoHS
COMPLIANT

Shelly®

Explore the possibilities