

Shelly ^{Gen3} 1



SMART IRRIGATION

Using Shelly 1 Gen3, you can effortlessly set up your irrigation system to water your garden on sunny days and skip watering on rainy days. Using its advanced scripting capabilities or the Shelly Smart Control App Premium, you can 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.

CONTROL YOUR GARAGE DOOR REMOTELY

Automate your garage door and gain control from anywhere in the world! Shelly 1 Gen3, with its operational voltages of 12V DC and 24-48V DC, is ideally suited for managing garage doors. By using the Shelly Plus Add-on and a Reed switch, you can also know the current state (open/closed).

OPTIMAL HEATING AND COOLING

With Shelly 1 Gen3, you can effortlessly 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. This setup maintains a comfortable climate year-round, reduces manual intervention, and allows remote adjustments.



Wi-Fi operated

Connect Shelly 1 Gen3 to your Wi-Fi network. No HUB required!



Bluetooth

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 schedules

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



Smart scenes

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

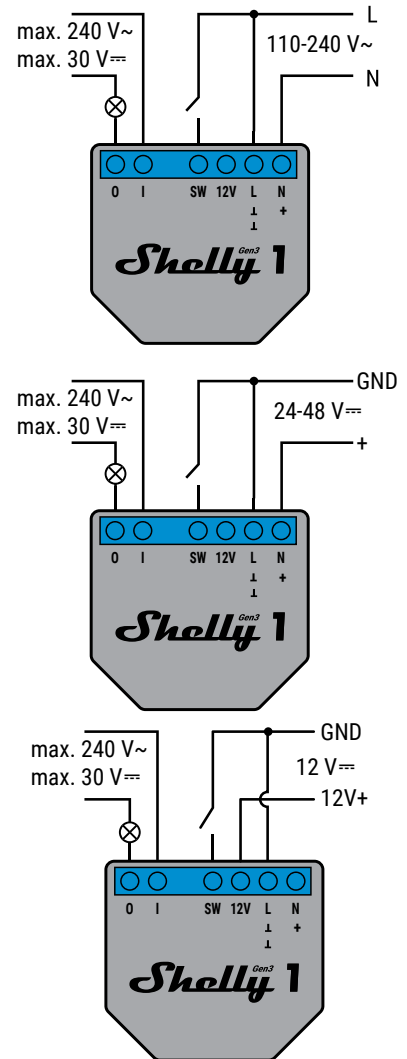


VERSATILE AUTOMATION FOR ANY PROJECT

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. Its versatility makes it suitable for a wide range of automation projects.

TECHNICAL SPECIFICATIONS

Power supply	<ul style="list-style-type: none"> • 110-240 VAC, 50/60 Hz • 24-48 VDC • 12 VDC
Max load	16 A (240 V~)
Complies with EU standards:	<ul style="list-style-type: none"> • 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	< 20 dBm
Wireless/Wi-Fi Protocol	802.11 b/g/n (2.4 GHz)
Frequency	2400 - 2483.5 MHz
Operational range (depending on local conditions)	<ul style="list-style-type: none"> • Up to 30 m / 100 ft indoors • Up to 50 m / 160 ft outdoors
Dimensions (HxWxL)	42x37x16 mm / 1.46x1.65x0.63 in
Electrical consumption	< 1.2 W
CPU	ESP-Shelly-C38F
Flash	8 MB
Wire cross section range	0.2 to 2.5 mm ² / 24 to 14 AWG



Legend

Device terminals:

- O:** Load circuit output terminal
- I:** Load circuit input terminal
- SW:** Switch input terminal (controlling O)
- +12V:** 12 VDC positive terminal
- L:** Live terminal (110-240 V~)
- N:** Neutral terminal
- +:** 24-48 VDC Positive terminal
- :** Negative terminal

Wires

- L:** Live wire (110-240 V~)
- N:** Neutral wire
- +:** 12/24-48 VDC positive wire
- GND:** Ground wire 12/24-48 VDC