

Shelly^{Gen3} 2PM



AUTOMATED BEDROOM CURTAINS OR SHUTTERS

Set Shelly 2PM Gen3 to open your bedroom curtains at a specific time each morning using "Schedules". Wake up naturally with gradual light as the curtains open to your desired position, starting your day with ease.

CONTROL TWO LIGHTS WITH ONE DEVICE

Shelly 2PM Gen3 lets you control and monitor two different lights on the same phase using a single device. Each light's power consumption is tracked separately, making your lighting setup more efficient. Use the manual switch, app, preferred home automation system, or your voice!

ENERGY MANAGEMENT

Take charge of your energy usage with the power metering feature on each channel. Monitor and analyze the power consumption of connected devices in real-time, and use this data to make informed decisions to reduce energy costs.



Wi-Fi operated

Connect Shelly 2PM Gen3 to your Wi-Fi network. No HUB required!



Bluetooth

Quick inclusion via Bluetooth or use it as a Bluetooth gateway.



Power Monitoring

Two integrated precise power meters allow you to monitor the consumption for each channel.



Slats angle control

Use with your venetian blinds and control the tilt position (angle) of slats to adjust the amount of light in a room.



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 2PM Gen3 with your other Shelly devices.



ONE DEVICE, DIFFERENT POSSIBILITIES

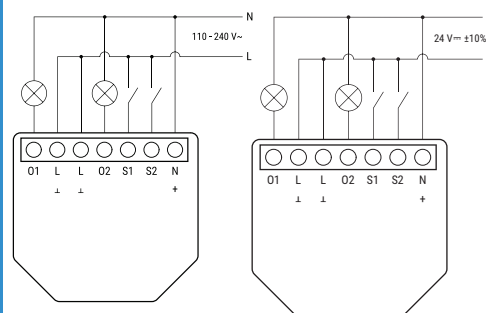
Remotely control and monitor two different electrical circuits, or roller shutters, blinds, and other bi-directional motors from anywhere. Features power monitoring.

- **2-Channel Smart Switch** - Automate your lights and track their real-time power usage.
- **Cover (Roller) Control** - Automate and control the positioning of roller shutters, curtains, blinds, awnings, gates, electric sliding doors, pool covers, and other bi-directional AC motors.

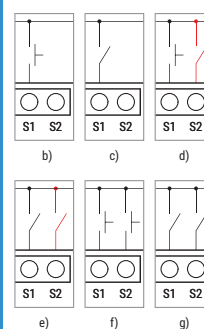
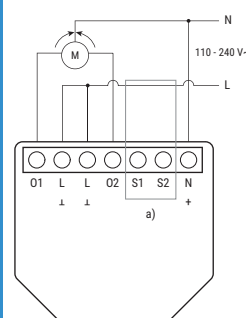
TECHNICAL SPECIFICATIONS

Power supply	<ul style="list-style-type: none"> • 110-240 VAC, 50/60 Hz • 24 VDC
Max. switching current	<ul style="list-style-type: none"> • 16 A (240 V~) • 10 A (30 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 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 mm² / 24 to 14 AWG

Dual-channel switch



Cover control



Legend

Device terminals

01, 02: Load circuit output terminals

L: Live terminal (110-240 VAC)

S1, S2: Switch input terminals

N: Neutral terminal

+: 24V= positive terminal

-: 24V= negative terminal

Wires

L: Live wire (110-240 V~)

N: Neutral wire

+: 24 V= positive wire

-: 24 V= ground wire