Shelly *PLUS* 2PM

CURTAINS THAT FOLLOW YOUR SCHEDULE
Use the "Schedules" function to create the perfect morning/evening routines by setting Shelly Plus 2PM to open/close the curtains in your home at pre-set hours every day.
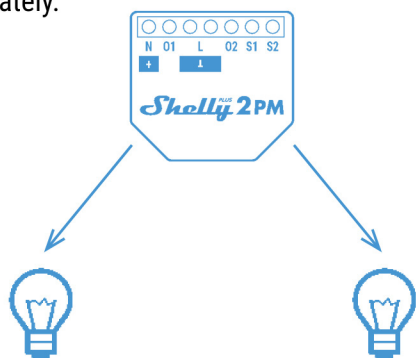
AWNING THAT FOLLOWS THE FORECAST
Set Shelly Plus 2PM to close your garden awning in case of a strong wind to prevent it from breaking.

CONTROL 2 LIGHTS WITH ONE DEVICE
Shelly Plus 2PM allows you to control and monitor two different circuits, measuring their consumption separately.

Wi-Fi operated
Connect Shelly Plus 2PM to your Wi-Fi network. No HUB required.

Bluetooth
Add devices quickly and easy via Bluetooth connection, using Shelly Cloud App.

Power metering with data storage
Provides precise monitoring of the power consumption.

Cover (roller) and position control
Control two-directional AC motors and set your desired position.

Wide range of voltage support
Can be powered by 110-240V AC & 24V DC, and supports up to 10A per channel and 16A total.

Extremely fast processor
For immediate command execution and notification.

Enhanced safety
Over-temperature protection for prevention of failures.

Enhanced security
MQTT and WSS support, TLS and custom certificates support for a broad range of use cases.

Improved API interface
Broad range of cloud connections and local integrations.

No hub required
Control directly and without a hub through your smartphone with Shelly Cloud App.
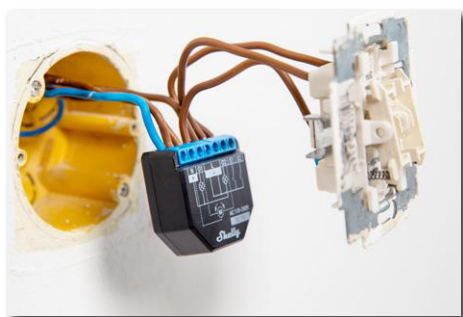
Highly compatible
Use with your preferred home automation platforms and voice assistants.

NEXT GENERATION 2-CHANNEL RELAY WITH COVER AND POSITION CONTROL

Shelly Plus 2PM allows automation of roller shutters, blinds, curtains, awnings, gates, and any bi-directional AC motors. Two integrated precise power meters allow you to measure the consumption for each channel separately. Shelly Plus 2PM has scripting functionalities for customized features and even more intuitive automation.
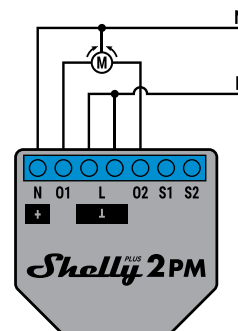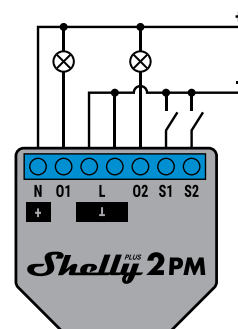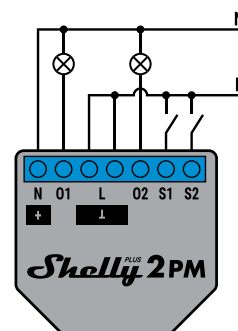
TECHNICAL SPECIFICATIONS

Power supply	• 110-240V, 50/60Hz • 24 V ±10%,
Max load per channel	10A
Max. device load	16A
Complies with EU standards:	• RE Directive 2014/53/EU • LVD 2014/35/EU • EMC 2014/30/EU • RoHS2 2011/65/EU
Working temperature	-20°C ÷ 40°C
Radio signal power	1mW
Wireless/WiFi Protocol	802.11 b/g/n (2.4 GHz)
Frequency:	2412 - 2472 MHz
Operational range (depending on local construction)	• up to 50 m outdoors • up to 30 m indoors
Dimensions (HxWxL)	42x37x17 mm
Electrical consumption	< 1,4 W
Wire cross section range	0.5 ÷ 1.5 mm²

USE SHELLY PLUS 2PM TO AUTOMATE:

√ Blinds
√ Roller Shutters
√ Curtains
√ Awnings
√ Garage Doors
√ Lights

Legend
Device terminals:
O1: Load circuit 1 output terminal
O2: Load circuit 2 output terminal
S1: Switch (controlling O1) input terminal
S2: Switch (controlling O2) input terminal
L: Live (110-240 VAC) terminals
N: Neutral terminal
+: 24 VDC positive terminal
⊥: 24 VDC negative terminal
Wires:
N: Neutral wire
L: Live (110-240 VAC) cable
+: 24 VDC positive wire
-: 24 VDC negative wire