

Shelly Wave Pro 2PM



Dynamic lights control for improved efficiency

Automate your lights and optimize their energy consumption through smart schedules, scenes, actions, etc. Wave Pro 2PM allows you to automate the lights on each floor separately and set custom schedules for each of them. Set all lights in the office to switch off when everyone has left the premises and never worry about wasting energy during non-working hours.



Smart conference room

Automate the conference rooms so that they are fully ready for your business meetings. Establish a local (direct) communication between Z-Wave devices within your network and execute actions without Z-Wave gateway. The motion sensor* will trigger the Wave Pro 2PM to turn on the lights and the projector, so the conference room is instantly ready for your presentation!

*Any Z-Wave motion or door sensor can be used with Wave Pro 2PM



Z-Wave operated

Include Wave Pro 2PM to your Z-Wave network and control it remotely. It's compatible with all certified Z-Wave gateways.



2 outputs, 16 A each

Wave Pro 2PM has a total device output of 25 A.



Power metering

Wave Pro 2PM provides precise monitoring of the power consumption on each channel (W) or together (W, kWh).



Wide range of voltage support

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



Associations

Establish direct communication between devices in your Z-Wave local network and set actions with no hub present!



The highest level of security

Include the device as Security 2 Authenticated for the encrypted communication and utmost safety of your Z-Wave network.

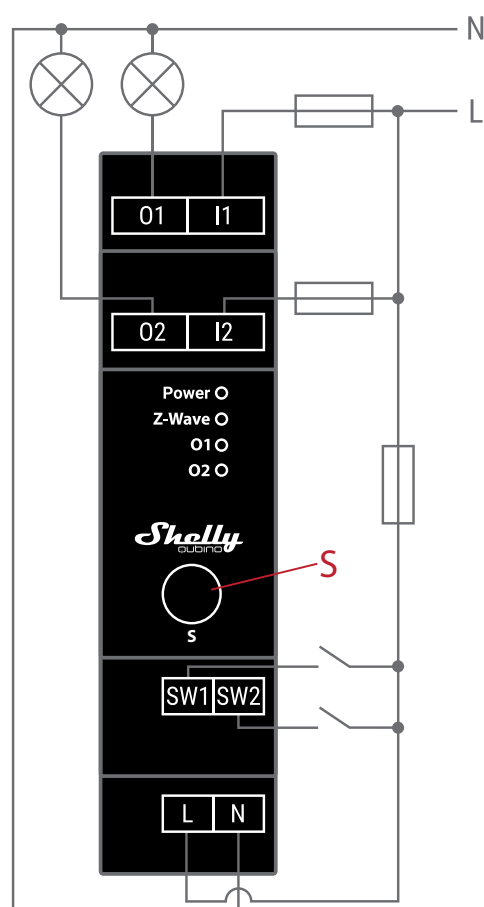
THE BEST SOLUTION FOR NEW HOME BUILDINGS AND BUSINESS FACILITIES

Wave Pro 2PM is a one-phase, 2-channel relay, supporting up to 16 A per channel with a total device capacity of 25 A. It is equipped with two integrated power meters that allow customers to control and monitor the consumption for each channel separately and or together. Different types of actions, scenarios, and schedules can be set to sync your environment to your daily activities or business

TECHNICAL SPECIFICATIONS

Power supply	110-240 VAC, 50/60 Hz;
Max. switching current AC	16 A per channel, 25 A total
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
Z-Wave frequency bands	868,4 MHz
Power consumption	< 0,3 W
CPU	Z-Wave S800
Operational range (depending on local conditions)	Up to 40 m indoors (131 ft.) (depends on local condition)
Dimensions (HxWxD)	94x19x69 mm / 3.70x0.75x2.71 in
Mounting	DIN rail
Wire cross section range	0.5 to 2.5 mm ² / 20 to 14 AWG (green connector) 0.5 to 1.5 mm ² / 20 to 16 AWG (white connectors)

HOW TO CONNECT



Legend

Device terminals:

N: Neutral terminal

L: Live terminal (110–240 V AC)

SW (SW1): Switch/push-button input terminal (controlling O (O1))

SW2: Switch/push-button input terminal (controlling O2)

I1: Load circuit 1 input terminal

I2: Load circuit 2 input terminal

O (O1): Load circuit 1 output terminal

O2: Load circuit 2 output terminal

Wires:

N: Neutral wire

L: Live wire (110-240 V AC)

Button:

S: S button