

Shelly Wave Pro 1PM



Preventative management

When an electrical appliance is damaged, it doesn't simply stop working. Usually, it increases the amount of energy used in an attempt to compensate for its operational capacity. Since there is no visible difference in its performance, it might take months before you can identify a problem, leading to inefficiency and wasted energy. Wave Pro 1PM, however, will immediately report the increase in energy consumption and will save you additional expenses on repairs or replacement of equipment.



Avoid unnecessary energy usage by controlling the office equipment power supply

Stop unnecessary energy usage in the office over the weekend! Computers and monitors that somebody forgot to turn off, plugged chargers, lit up desk lights, printers and copy machines left switched on, etc. - all these appliances are consuming energy when nobody is in the office, unnecessarily burdening the monthly bills. Avoid that by setting Wave Pro 1PM to cut off the power supply of the office appliances over the weekend to save on energy. Use smart scheduling functions to restore the power supply before the employees arrive at the office.



Z-Wave operated

Include Wave Pro 1PM to your Z-Wave network and control it remotely. It's compatible with all certified Z-Wave gateways.



1 channel, 16 A

Wave Pro 1PM has a total device output of 16 A.



Power monitoring

Wave Pro 1PM provides precise monitoring of the power consumption.



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 encrypted communication and utmost safety of your Z-Wave network.

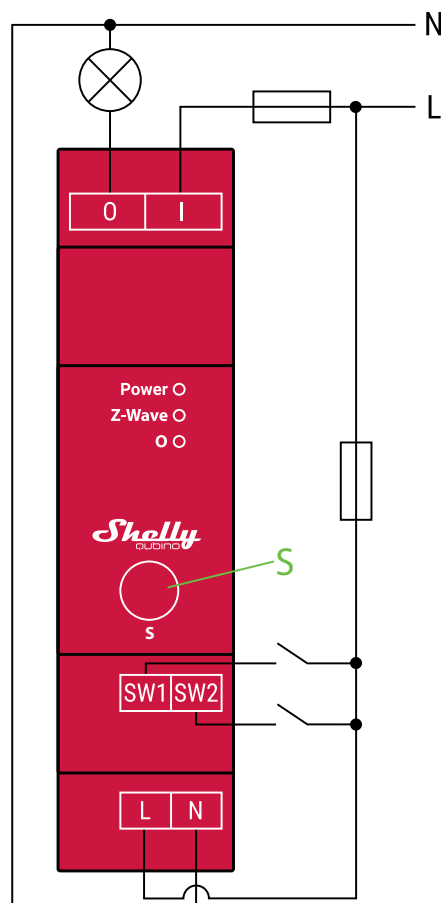
THE BEST SOLUTION FOR NEW HOME BUILDINGS AND BUSINESS FACILITIES

Wave Pro 1PM is a one-phase, 1-channel relay supporting up to 16 A. Equipped with an integrated power meter, Wave Pro 1PM allows you to measure the power consumption of all automated lights or heavier appliances. Different types of actions, scenarios, and schedules can be set to sync your environment to your daily activities or business needs.

TECHNICAL SPECIFICATIONS

Power supply	110-240 VAC, 50/60 Hz;
Max. switching current AC	16 A per channel
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

I: Load circuit 1 input terminal

O (O1): Load circuit output terminal (1)

Wires:

N: Neutral wire

L: Live wire (110-240 V AC)

Button:

S: S button