

# Shelly Wave Pro 1

QUBINO



## Dynamic lights control for improved efficiency

Automate your lights and optimize their energy consumption through smart schedules, scenes, actions, etc. Wave Pro 1 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.



## Common space automation

Common spaces such as halls, garages, and storage rooms usually have their lights constantly switched on, which leads to inefficient usage of energy and unnecessary monthly costs. Set the actions, so the motion sensor\* will trigger the Wave Pro 1 to switch the lights on when someone enters and switch them off once the premises are empty. This will ensure the most efficient use of the lights in the common spaces.

\*Any Z-Wave motion sensor can be used with Wave Pro 1



### Z-Wave operated

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



### 1 channel, 16 A

It has a total device output of 16 A.



### Dry contacts

Supporting low and high voltages, this device enables you to control a wide range of AC devices and appliances.



### DIN-mountable

Intended to be installed inside the breaker box and designed to meet the global DIN rail standardization.



### 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.

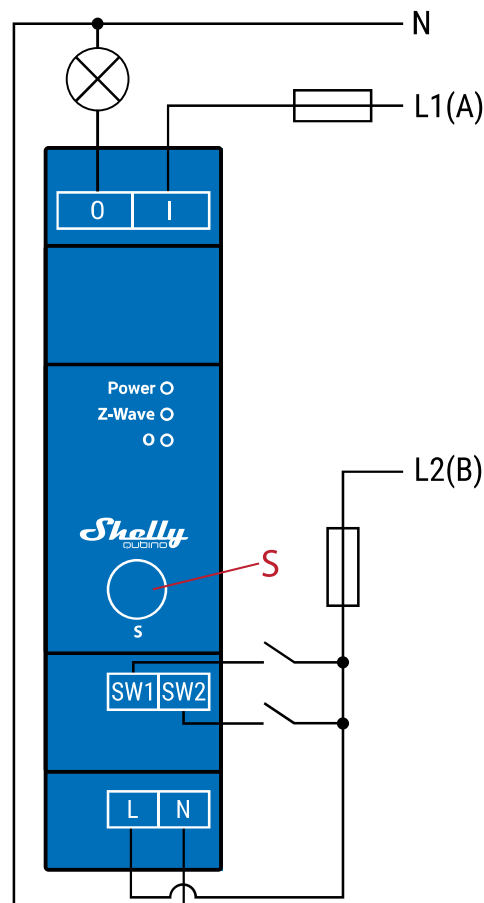
# THE BEST SOLUTION FOR NEW HOME BUILDINGS AND BUSINESS FACILITIES

**Wave Pro 1** is a one-phase, 1 channel relay supporting up to 16 A for professional lights and appliance automation in residential or commercial applications. It is equipped with potential-free outputs (dry contacts) offering high flexibility in voltage support and applications. Different types of actions, scenarios, and schedules can be set to sync your environment to your daily activities or business needs.

## TECHNICAL SPECIFICATIONS

<b>Power supply</b>	110-240 VAC, 50/60 Hz;
<b>Max. switching current AC</b>	16 A
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"> <li>• RED 2014/53/EU</li> <li>• LVD 2014/35/EU</li> <li>• EMC 2014/30/EU</li> <li>• RoHS2 2011/65/EU</li> </ul>
<b>Working temperature</b>	-20°C to 40°C / -5°F to 105°F
<b>Z-Wave frequency bands</b>	868,4 MHz
<b>Power consumption</b>	< 0,3 W
<b>CPU</b>	Z-Wave S800
<b>Operational range (depending on local conditions)</b>	Up to 40 m indoors (131 ft.) (depends on local condition)
<b>Dimensions (HxWxD)</b>	94x19x69 mm / 3.70x0.75x2.71 in
<b>Mounting</b>	DIN rail
<b>Wire cross section range</b>	0.5 to 2.5 mm <sup>2</sup> / 20 to 14 AWG (green connector) 0.5 to 1.5 mm <sup>2</sup> / 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 input terminal

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

#### Wires:

**N:** Neutral wire

**L1(A):** Load circuit live wire (110-240 V AC)

**L1(B):** Device power supply live wire (110-240 V AC)

#### Button:

**S:** S button