

Z-Wave® small form factor smart switch with power measurement

The Wave 1PM Mini is **the smallest Z-Wave smart switch in the world for smart control**. It is ideal for automation and remote control of lights or a wide range of small electrical appliances (up to 8 A) and measuring their power consumption. Thanks to its compact retrofit design, Wave 1PM Mini is a perfect fit for even the smallest switch/electrical boxes or appliances.

ADVANTAGES

- 1 channel up to 8 A at 240 V AC
- Power metering
- 35% smaller compared to Wave 1PM
- Extremely low power consumption: less than 0.3 W
- Z-Wave frequency band: 868.4 MHz (CEPT countries)
- Latest technology: Z-Wave 800 Series
- Automatic set-up with SmartStart
- Security 2 Authenticated for the highest level of security
- Supports over-the-air firmware updates
- Fast and simple installation in most electrical boxes and switches
- Works with Z-Wave certified hubs and over 4000 Z-Wave devices.

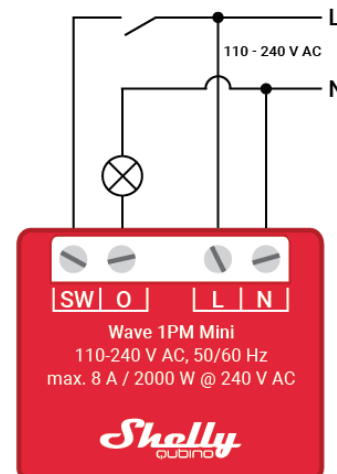


TECHNICAL SPECIFICATIONS

| | |
|--|--|
| Power supply | 110 - 240 V AC, 50/60 Hz |
| Power consumption | < 0,3W |
| Power measurement [W] | Yes |
| Max. switching voltage AC | 240 V |
| Max. switching current AC | 8 A |
| Max switching power AC | 2000 W |
| Max. switching voltage DC | N/A |
| Max. switching current DC | N/A |
| Overheating protection | Yes |
| Overload protection | Yes |
| Distance | Up to 40 m indoors (131 ft.) (depends on local condition) |
| Z-Wave repeater: | Yes |
| CPU | Z-Wave S800 |
| Z-Wave frequency bands: | 868,4 MHz; |
| Maximum radio frequency power transmitted in frequency band(s) | < 25 mW |
| Size (H x W x D) | 29x35x16 ±0.5 mm / 1.11x1.35x0.63 ±0.02 in |
| Weight | 18 ±1 g / 0.63 ±0.04 oz |
| Mounting | Wall box |
| Screw terminals max. torque | 0.4 Nm / 3.54 lbin |
| Conductor cross section | 0.5 to 1.5 mm ² / 20 to 16 AWG |
| Conductor stripped length | 5 to 6 mm / 0.20 to 0.24 in |
| Shell material | Plastic |
| Color | Red |
| Ambient temperature | -20°C to 40°C / -5°F to 105°F |
| Humidity | 30% to 70% RH |
| Max. altitude | 2000 m / 6562 ft. |

WIRING DIAGRAMS

110-240 V AC



LEGEND

Device terminals:

- N: Neutral terminal
 - L: Live terminal (110-240 V AC)
 - SW: Switch/push-button input terminal (controlling O)
 - O: Load circuit output terminal
- Wires:**
- N: Neutral wire
 - L: Live wire (110-240 V AC)