

# Specifications: Shelly PLUS 2PM

| Type                           | Value   |
|--------------------------------|---|
| <b>Physical</b>                |   |
| Size (HxWxD):                  | 37x42x16 ±0.5 mm / 1.46x1.65x0.63 ±0.02 in          |
| Weight:                        |   |
| Mounting:                      | Wall console  |
| Screw terminals max torque:    | 0.4 Nm / 3.5 lbin                                   |
| Conductor cross section:       | 0.5 to 1.5 mm <sup>2</sup> / 20 to 16 AWG           |
| Conductor stripped length:     | 5 to 6 mm / 0.20 to 0.24 in                         |
| Shell material:                | Plastic   |
| Color:                         | Black   |
| <b>Environmental</b>           |   |
| Ambient temperature:           | -20 °C to 40 °C / -5 °F to 105 °F                   |
| Humidity                       | 30 % to 70 % RH                                     |
| Max. altitude                  | 2000 m / 6562 ft                                    |
| <b>Electrical</b>              |   |
| Power supply:                  | 110 - 240 VAC / 24 VDC ±10%                         |
| Power consumption:             | < 1.4 W   |
| <b>Output circuits ratings</b> |   |
| Max switching voltage AC:      | 240 V   |
| Max switching voltage DC:      | 30 V  |
| Max switching current AC:      | 10 A (per channel), 16 A (total), 18 A (total peak) |
| Max switching current DC:      | 10 A  |

## **Sensors, meters**

Internal-temperature sensor: Yes

Voltmeter (AC) Yes

Ammeter (AC) Yes

## **Radio**

RF band: 2400 - 2495 MHz

Max. RF power: <20 dBm

Wi-Fi protocol: 802.11 b/g/n

Wi-Fi Range: Up to 30 m / 100 ft indoors and 50 m / 160 ft outdoors  
(Depends on local conditions)

Bluetooth Protocol: 4.2

Bluetooth Range: Up to 10 m / 33 ft indoors and 30 m / 100 ft outdoors  
(Depends on local conditions)

## **MCU**

CPU: ESP32-U4WDH

Flash: 4 MB

## **Firmware capabilities**

Schedules: 20

Webhooks (URL actions): 20 with 5 URLs per hook

Scripting: Yes

MQTT: Yes

CoAP: No