

# Shelly

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## Shelly 1PM Mini Gen4

Un interruptor inteligente compacto con medición de potencia para controlar luces y pequeños electrodomésticos de hasta 8 A. Equipado con el chip de Shelly y compatibilidad con múltiples protocolos de conectividad: Wi-Fi, Bluetooth, Zigbee, Matter. .



3 años de garantía

# Shelly 1PM Mini Gen4

## Especificaciones Técnicas

### Physical

Size (HxWxD):	29x34x16 ±0.5 mm / 1.34x1.11x0.63 ±0.02 inch
Weight:	18 ±1 g / 0.63 ±0.04 oz
Screw terminals max torque:	0.4 Nm / 3.5 lbin
Conductor cross section:	0.2 to 2.5 mm <sup>2</sup> / 24 to 14 AWG (solid, stranded, and bootlace ferrules)
Conductor stripped length:	6 to 7 mm / 0.24 to 0.28 in
Mounting:	Wall box
Shell material:	Plastic

### Environmental

Ambient working temperature:	-20 °C to 40 °C / -5 °F to 105 °F
Humidity:	30 % to 70 % RH
Max. altitude:	2000 m / 6562 ft

### Electrical

Power supply:	110 - 240 VAC
Relay:	NO contact, 1-pole, $\mu$ contact Tripping characteristic B or C, max. 10A max. rated current, min. 6 kA interrupting rating, energy limiting class 3
External protection:	

### Output circuits ratings

Max. switching voltage:	240 VAC
Max. switching current:	8A/240 VAC
Power measurement:	Yes
Voltage protection / Cutoff:	Yes
Current protection / Cutoff:	Yes
Max power protection / Cutoff:	Yes

### Sensors, meters

Internal-temperature sensor:	Yes
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### Wi-Fi

Protocol:	802.11 b/g/n
RF band:	2412 - 2472 MHz
Max. RF power:	< 20 dBm
Range:	Up to 30 m / 100 ft indoors and 50 m / 160 ft outdoors (Depends on local conditions)

### Bluetooth

Protocol:	4,2
RF band:	2402 - 2480 MHz
Max. RF power:	< 4 dBm
Range:	Up to 10 m / 33 ft indoors and 30 m / 100 ft outdoors (Depends on local conditions)

### Zigbee

Protocol:	802.15.4
RF bands:	2400 to 2483.5 MHz
Max. RF power:	< 20 dBm
Range:	Up to 100 m / 328 ft indoors and 300 meters / 984 ft outdoors (Depends on local conditions)

### Microcontroller unit

CPU:	ESP-Shelly-C68F
Flash:	8MB

### Firmware capabilities

Schedules:	20
Webhooks (URL actions):	20 with 5 URLs per hook
Scripting:	Yes
MQTT:	Yes

*Shelley*

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