

Shelly 1PM Mini Gen4

WiFi & Zigbee relay, power metering

EAN code: 3800238070809



Product description

Shelly 1PM Mini Gen4 is the world's smallest smart relay with power metering capabilities, supporting WiFi, Bluetooth, and Zigbee communication. Designed for installation behind switches, sockets, or lamp outlets, it enables easy control and automation of lights, fans, pumps, and similar devices. Measuring only 29x35x16 mm, it can be installed in almost any wall or ceiling box.

Technical data

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 ² / 24 to 14 AWG (solid, stranded, and bootlace ferrules)
Conductor stripped length:	6 to 7 mm / 0.24 to 0.28 in
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 V~
Relay:	NO contact, 1-pole, μ contact
External protection:	Tripping characteristic B or C, max. 10A max. rated current, min. 6 kA interrupting rating, energy limiting class 3
Output circuits ratings	
Max. switching voltage:	240 V~
Max. switching current:	8A/240 V~
Power measurement:	Yes
Voltage protection / Cutoff:	Yes
Current protection / Cutoff:	Yes
Max power protection / Cutoff:	Yes

