Shelly 1PM Gen4
WiFi & Zigbee relay, power metering

EAN code: 3800238070717

Product description

Shelly 1PM Gen4 is a smart 16A relay with power measurement 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. Its compact design allows for easy installation in wall and ceiling boxes.

Technical data

Physical	
Size (HxWxD):	37x42x16 mm / 1.46x1.65x0.63 inch
Weight:	27 g / 0.95 oz
Screw terminals max torque:	0.4 Nm / 3.5 lbin
Conductor cross section:	0.2 to 2.5 mm² / 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~ •24-30 V⎓
Power consumption:	< 1 W
Neutral not needed:	No
External protection:	Cable protection switch in accordance with EN60898-1 (tripping characteristic B or C, max. 16 A rated current, min. 6 kA interrupting rating, energy limiting class 3)
Output circuits ratings	
Max. switching voltage:	•240 V~ •30 V⎓
Max. switching current:	•16A (240 V~) •10A (30 V⎓)

110-240 V~ power supply