

# Shelly 1L Gen3

## WiFi relay - no neutral required

EAN code: 3800235261637



### Product description

Shelly 1L Gen3 is a WiFi-controlled single-channel relay that operates without a neutral wire, making it especially suitable for lighting control where no neutral is available behind the switch.

The Shelly 1L Gen3 features a built-in 1.2A relay and can control lighting loads up to 200W. It is powered by 220-240V AC. Please note that the included bypass must be installed in parallel with the load, and a minimum load of 5W is required.

The device has two switch inputs, which are optional and fully programmable.

### Technical data

Physical	
Size (HxWxD):	37x42x16 ±0.5 mm / 1.46x1.65x0.63 ±0.02 in
Weight:	24 g / 0.85 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:	In-wall
Shell material:	Plastic
Shell color:	Cyan
Terminal color:	Black
Environmental	
Ambient working temperature:	-20 °C to 40 °C / -5 °F to 105 °F
Storage temperature:	10°C to 40 °C
Humidity:	30 % to 70 % RH
Max. altitude:	2000 m / 6562 ft
Electrical	
Power supply:	220-240 V~ 50Hz (Shelly Bypass is required)
Shelly Bypass included	Yes
Power consumption:	< 1.2 W
Neutral not needed:	Yes (Shelly Bypass is required for the load at O)

