

Shelly Bypass for Dimmer



Device identification

- Device name: **Shelly Bypass for Dimmer**

Short description

Shelly Bypass for Dimmer is required for Shelly Dimmer Gen3 (and up) to work without the need of Neutral wire, when controlling loads less than 20 W

Compatibility:

Compatible with Shelly Dimmer Gen3 and up.

Main features

- **Perfect to retrofit:** The device can be mounted behind the light, requiring minimal space. It connects to both the Neutral and Live wires.
- **No minimum load condition for other Shelly devices:** The device is a Bypass needed for the Shelly Dimmer Gen3 (and up) to work without a Neutral wire.
- **Compatibility:** It is designed and tested to ensure compatibility with a wide range of lights.

Main applications

- Residential
- MDU (Multi Dwelling Units - apartments, condominiums, hotels, etc.)
- Light commercial (small office buildings, small retail/restaurant/gas station, etc.)
- Government/municipal
- University/college

Device electrical interfaces

Inputs

- 2 line inputs on cables: 1 **O** (output coming from Shelly Dimmer Gen3) and 1 **N**

Supported dimmers

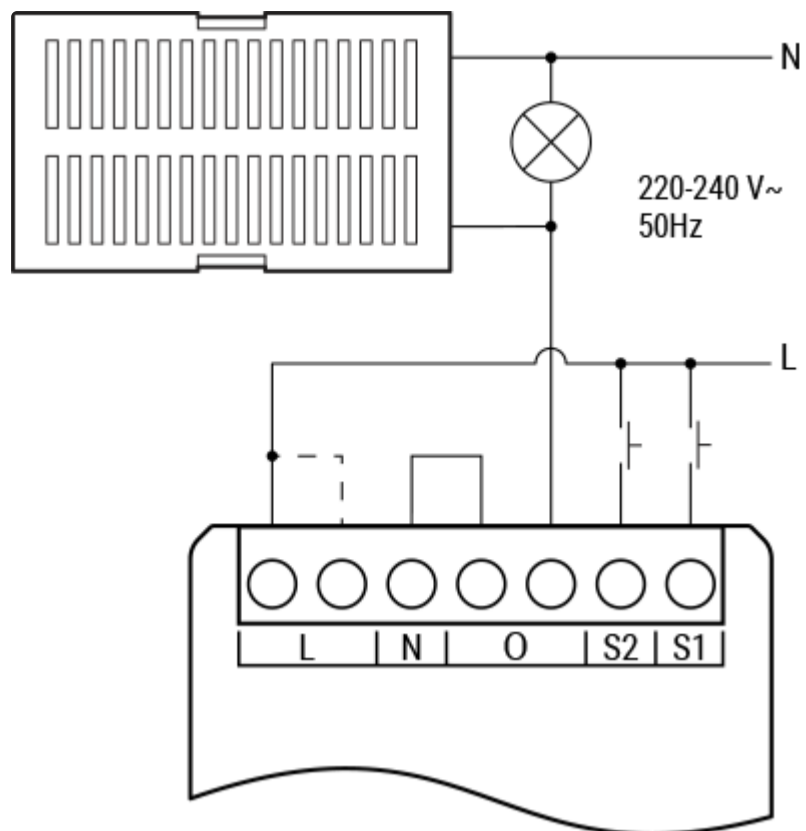
- Shelly Dimmer Gen3
- Shelly Dimmer Gen4

Specifications



Quantity	Value
Physical	
Size (HxWxD):	39x23x13 mm / 1.54x0.91x0.51 inch (without wires)
Weight:	8 g / 0.28 oz
Conductor cross section:	0.2 mm ² / 24 AWG stranded
Conductor stripped length:	0.5 mm / 0.02 in
Lenght of cables:	65±5 mm / 2.56±0.2 in
Mounting:	Inside Light Fixture
Shell material:	Plastic
Shell color:	Shell: Lime (same as Dimmer Gen3) Print: Black
Cable color:	Black
Environmental	
Ambient temperature:	-20° C to 40° C / -5° F to 104° F
Humidity:	30 % to 70 % RH
Max. altitude:	2000 m / 6562 ft
Electrical	
Power supply:	220-240 V~ 50 Hz
Power consumption:	< 4 W

Basic wiring diagrams



Compliance and certification

- [Shelly Bypass for Dimmer multilingual EU declaration of conformity.pdf](#)

Printed User Guide

- [Shelly Bypass for Dimmer multilingual printed user and safety guide.pdf](#)
- [Ръководство за употреба и безопасност](#)



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