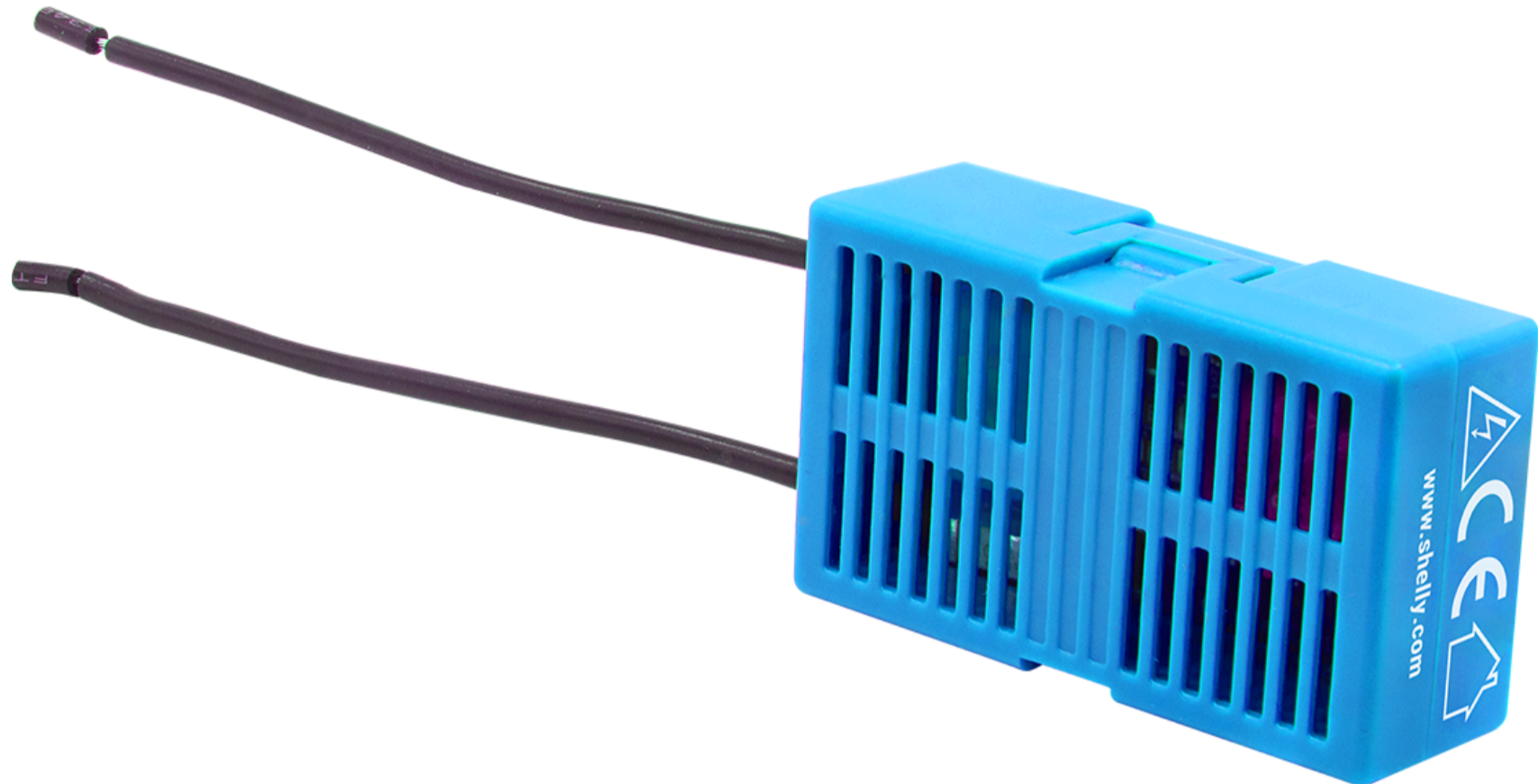


## Shelly Bypass for 1L/2L Gen3



### Short description

Shelly Bypass for 1L/2L is required for the Shelly 1L or 2L Gen3 to operate without a Neutral wire at 240 V~, 50 Hz.

#### Compatibility:

Compatible with Shelly 1L Gen3 and Shelly 2L Gen3.

### Main features

- **Perfect for retrofitting:** The Device can be mounted directly behind the light source where space is limited. It connects to Neutral and Live wires.
- **No minimum load condition for other Shelly devices:** The Device is a bypass, allowing the Shelly 1L and 2L Gen3 to function correctly in installations without a Neutral wire.
- **Compatibility:** 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

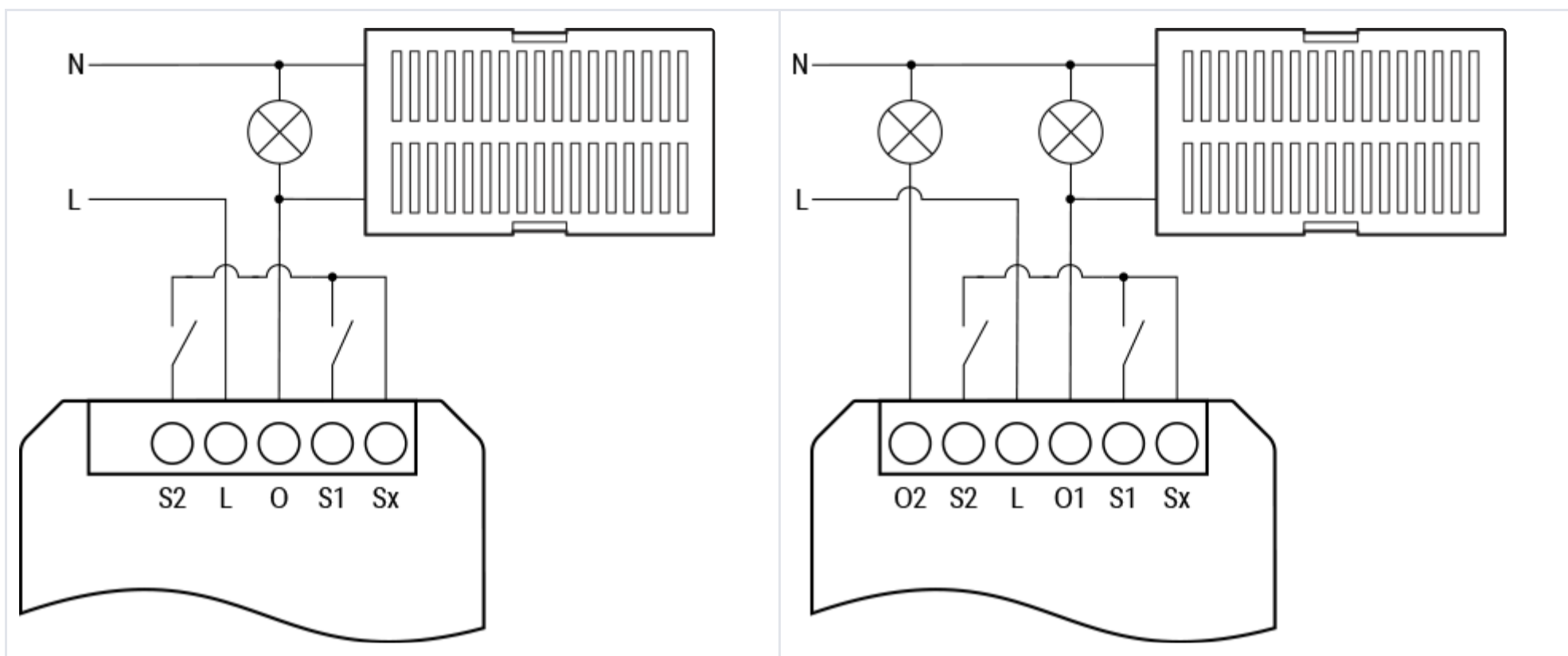
- 2 line inputs on cables: 1 **O** (output coming from Shelly 1L/2L Gen3) and 1 **N**

## Specifications



Quantity	Value
<b>Physical</b>	
Size (HxWxD):	39x23x13 mm / 1.54x0.91x0.51 inch (without wires)
Weight:	8 g / 0.28 oz
Conductor cross section:	0.2 mm <sup>2</sup> / 24 AWG stranded
Conductor stripped length:	0.5 mm / 0.02 in
Length of cables:	65±5 mm / 2.56±0.2 in
Mounting:	Inside Light Fixture
Shell material:	Plastic
Shell color:	Cyan
Cable color:	Black
<b>Environmental</b>	
Ambient working temperature:	-20° C to 70° C / -5° F to 158° F
Humidity:	30 % to 70 % RH
Max. altitude:	2000 m / 6562 ft
<b>Electrical</b>	
Power supply:	240 V~, 50 Hz
Power consumption:	< 4 W

## Basic wiring diagrams



Terminals		Wires	
<b>L</b>	Live (220-240 V~) terminal	<b>L</b>	Live (220-240 V~) wire
<b>O, O1, O2</b>	Load circuit output terminals	<b>N</b>	Neutral wire
<b>S1, S2</b>	Switch input terminals		
<b>Sx</b>	Switch signal output terminal		

## Compliance

- [Shelly Bypass for 1L-2L Gen3 multilingual EU Declaration of Conformity.pdf](#)

## Printed user guide

- [Shelly Bypass for 1L-2L multilingual printed user and safety guide.pdf](#)
- [Ръководство за употреба и безопасност](#)

## Installation guides

