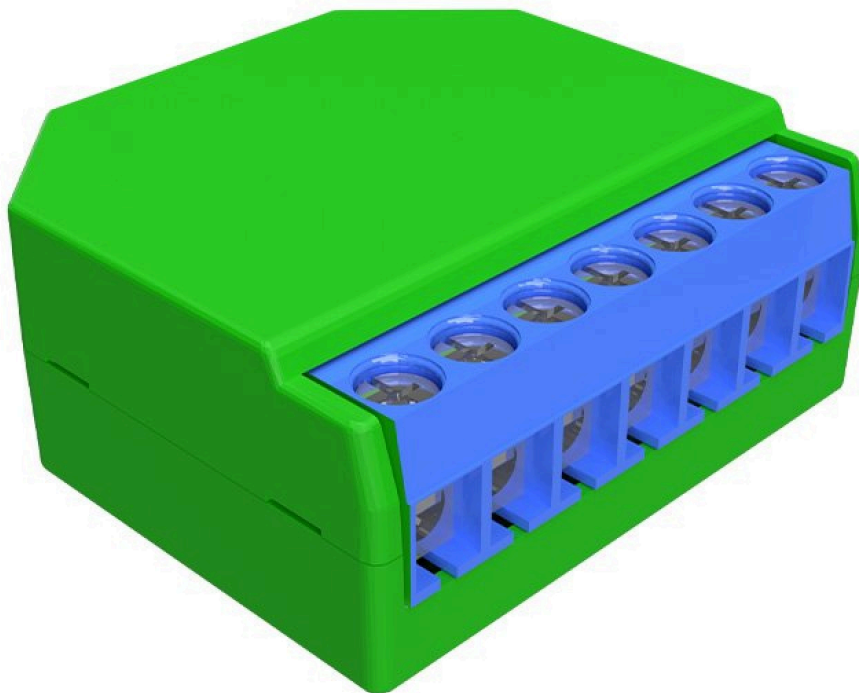Knowledge Base / Devices / Shelly Gen1 devices

Shelly Dimmer 2

Downloads

Manuals

- User & Application Guide

- Shelly Dimmer 2 multilingual printed user and safety guide.pdf

- Shelly Bypass User Guide

Compliance

- Shelly Dimmer2 multilingual EU declaration of conformity.pdf

- Shelly Dimmer 2 UK PSTI ACT Statement of compliance.pdf

- Shelly Dimmer 2 x2 UK PSTI ACT Statement of compliance.pdf

What is Shelly Dimmer 2?

Dimming without a neutral line

We developed Shelly Dimmer 2 to be able to cover all possible electrical installations all over the world. Shelly Dimmer 2 can be used in houses where the neutral line is missing and provides a full set of dimming functionalities. You can control a wide range of halogen lights, dimmable LEDs and ferromagnetic transformers.

Features

- No HUB required.

- Dimming without a neutral line.

- Turn ON/OFF or use the dimming function to set the brightness to your preferred intensity,

- Integrated internal temperature sensor for overheating protection.

- Designed to fit in most standard electrical boxes and switches.

- It can be integrated to work with all other Shelly devices.

- Compatible with Android, iOS, Amazon Alexa, Google Assistant, and home automation servers using MQTT, CoAP, and REST API.

- Easily make your Arduino project live and usable in your automation project.
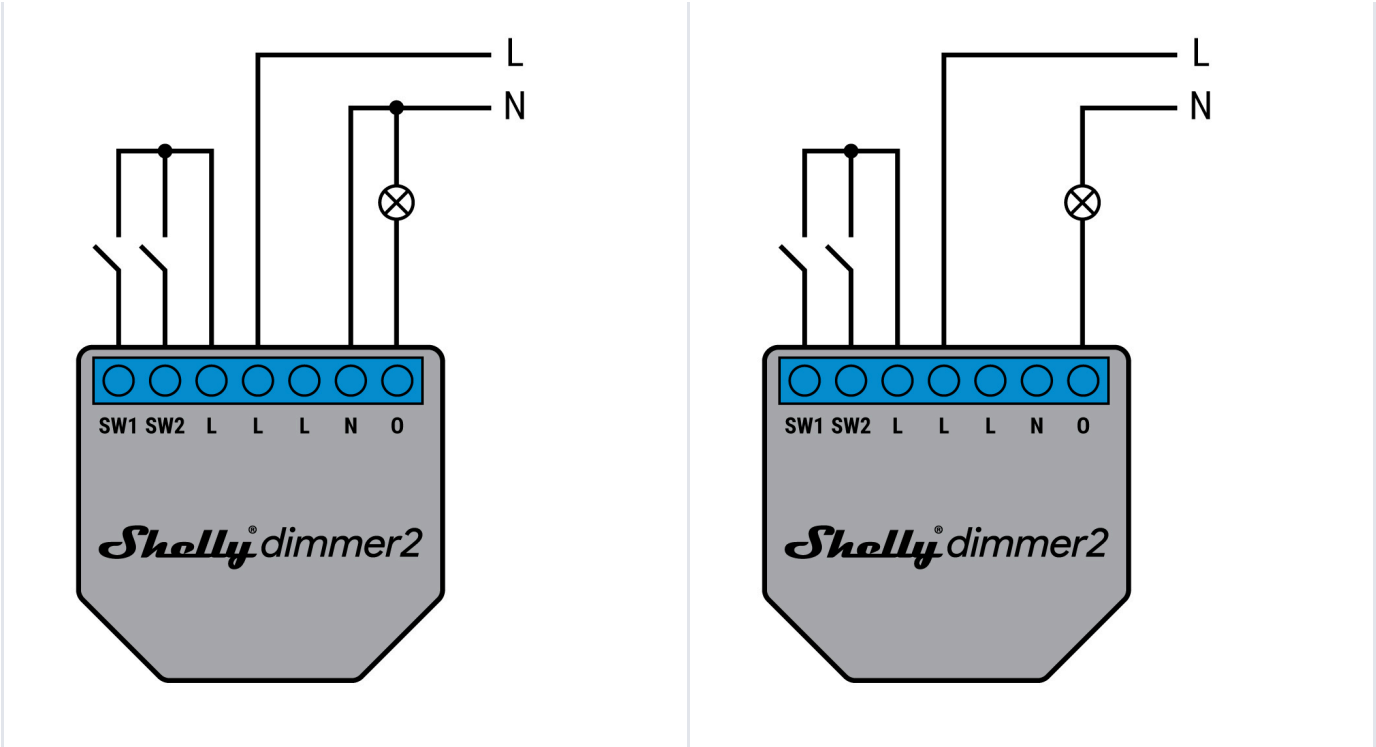
Specification

POWER

Power supply AC	110-230V ±10%, 50/60Hz

SPECIAL FUNCTIONS

Device temperature protection	Yes; 95°C
Overload protection	Yes
Power measurement	Yes
Dimming	Yes
Operational current:	0.1-1.1 A
Dimmable LED	50-200VA / 10W − 200W
Incandescent and halogen light sources	10-220W
Working without a neutral line	Yes

FEATURES

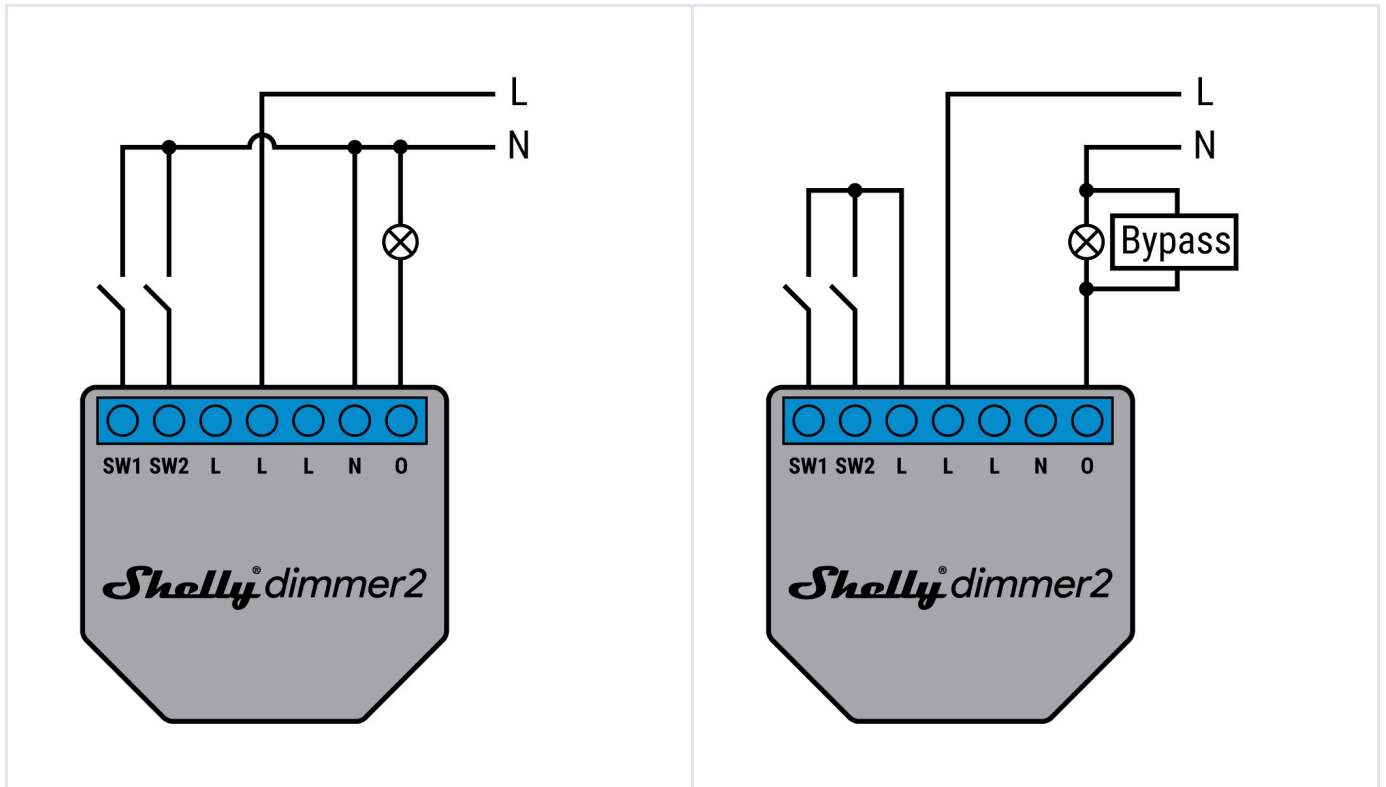| Colour changing	No
Predefined effects	Yes
Channels	1 Channel
Operational temperature	0 to + 40°C
Device power consumption	< 1 W
Intelligent On/Off	Yes
Local and remote control	Yes
Sunrise/Sunset	Yes
Weekly Schedule	Yes

UL Listed option	No
CONNECTIVITY	
Wireless/WiFi Protocol	802.11 b/g/n
Radiofrequency	2400 − 2500 MHz
Range	up to 50 m outdoors and up to 30 m indoors (depending on the building materials)
DIMENSIONS	
Size	42mm x 36mm x 14 mm

*When using the device without neutral, Shelly Dimmer 2 requires at least 20W @ 240 VAC of power consumption to operate. If the connected light has a smaller power consumption, then Shelly Bypass is needed for the device to work.

Use cases

Lighting control

Install Shelly Dimmer, and control any lights at home easily via your smartphone or with your voice. When you are reading your favorite book in the evening, picking a stronger light will ease your eyes. Also, dimming the lights during movie nights has never been easier!

Projects

Shelly Dimmer Wall Switch With Rotary Knob and Home Assistant Integration

Learn how you can add convenience to your smart home with Shelly Dimmer 2 by controlling your lights even when your Wi-Fi connection is down.

Learn More

Living Room for Movie With Shelly

Learn to create very simple automation using Google Home routines to make your living room all set for a comfortable movie night.

Learn More

Reviews

DrZzs

Smart Dimmer by Shelly + Excellent Home Assistant Integration

Jimmy James

Shelly Dimmer Installation - The Perfect Dimmer???

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