Shelly Dimmer 2 WiFi Smart Switch for Light Control User Manual

SHELLY DIMMER SMART DIMMING
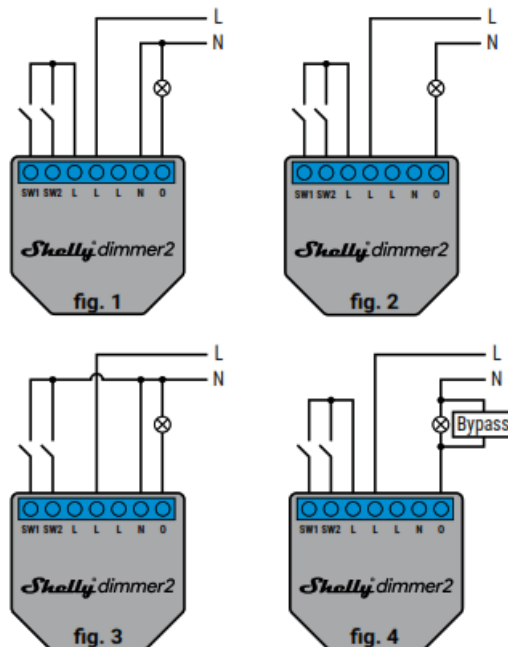
fig. 1

fig. 2

fig. 3

fig. 4

Contents

Legend

- SW1 – Switch input 1 for on/off/dimming

- SW2 – Switch input 2 for on/off/dimming

- O – Output

- L – Line input (110-240V)

- N – Neutral input (Zero)

⚠**CAUTION!** When using the device without neutral, Shelly Dimmer 2 requires at least 10W of power consumption, in order to operate.
If the connected light has a smaller power consumption, then Shelly Bypass is required for the operation of the Device.
The Shelly smart WiFi dimmer by Allterco Robotics is intended to be installed directly to your lights in order to control and dim the light. It is intended to be mounted into a standard in-wall console, behind the light switches or other places with limited space. Shelly may work as a standalone device or as an accessory to a home automation controller.
⚠**CAUTION!** Shelly dimmer cannot be connected and operate a fan.
Doing so may cause damage to the unit or fan, including causing a fire!
⚠**CAUTION!** For multiple bulbs connected to one Dimmer 2, all bulbs need to be equal in power load and technology!

Specification

- Power supply – 110-240V ±10% 50/60Hz AC

- Operational current – 0.1 – 1.1A

- Device temperature protection – 105°C

- Complies with EU standards – RE Directive 2014/53/EU, LVD 2014/35/EU, EMC 2004/108/WE, RoHS2 2011/65/UE

- Working temperature – from 0°C to 35°C

- Radio signal power – 1mW

- Radio protocol – WiFi 802.11 b/g/n

- Frequency – 2400 – 2483.5 MHz

- Operational range (depending on local construction) – up to 50 m outdoors, up to 30 m indoors

- Dimensions (HxWxL) – 42 x 36 x 14 mm

- Electrical consumption – < 1,5 W

- Supported light types – Incandescent and halogen light sources 1-220W, Dimmable LED 50-200VA/1W – 200W, Resistive-inductive loads ferromagnetic transformers 50-150VA

Technical Information

- Control through WiFi from a mobile phone, PC, automation system or any other Device supporting HTTP and/or UDP protocol.
- Microprocessor management.
- Shelly may be controlled by an external button/switch.

⚠**CAUTION!** Danger of electrocution. Mounting the Device to the power grid has to be performed with caution.
⚠**CAUTION!** Do not allow children to play with the button/switch connected the Device. Keep the Devices for remote control of Shelly (mobile phones, tablets, PCs) away from children.

Introduction to Shelly

Shelly® is a family of innovative Devices, which allow remote

Documents / Resources

	Shelly Dimmer 2 WiFi Smart Switch for Light Control [pdf] User Manual Dimmer 2 WiFi Smart Switch for Light Control, Dimmer 2, WiFi Smart Switch for Light Control, Switch for Light Control, Light Control

References

- ↻ **Shelly - Shelly**
- ↻ **Shelly Cloud**