

# Shelly Dimmer and 1L Smart Home Automation Wi-fi Dim Owner's Manual

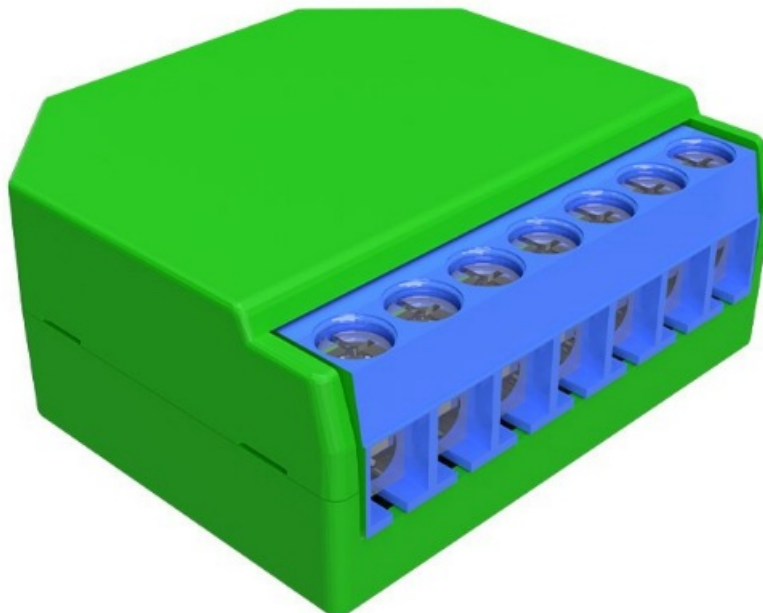
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**Shelly Dimmer and 1L Smart Home Automation Wi-fi Dim**



## Product Information

The Shelly Bypass is a device required for Shelly devices that do not need a neutral wire to operate, provided the load they switch is less than 20 W at 240 VAC. It is essential to read the user and safety guide before using the device to ensure proper installation and safety measures are taken.

## Specifications

- **Maximum load:** 20W at 240 VAC
- **Bypass size without the wires:** 39x23x13 mm  $\pm$ 0.5 mm
- **Working voltage:** 230 VAC  $\pm$ 10%
- **Working temperature:** -20 °C to 40 °C
- **Power consumption:** <4 W

## Warnings and Cautions

- Before installation, ensure that the breakers are turned off and there is no voltage on their terminals. This can be done with a phase meter or multimeter.
- Installation should be performed by a qualified electrician with caution.
- Every change in the connections must be done only after ensuring there is no voltage present at the connection points.
- Use the device only with a power grid and appliances that comply with all applicable regulations.
- Connect the device only in the way shown in the instructions.
- Do not install the device in a place that is possible to get wet.
- **WARNING!** Danger of electrocution. Before starting the installation/mounting the Device, wire check that the breakers are turned off and there is no voltage on their terminals. This can be done with a phase meter or multimeter. When you are sure that there is no voltage, you can proceed to connecting the cables. Mounting/installation of the device to the power grid has to be performed with caution, by a qualified electrician.
- **WARNING!** Danger of electrocution. Every change in the connections has to be done after ensuring there is no voltage present at the connection points.

- **CAUTION!** Use the Device only with a power grid and appliances which comply with all applicable regulations. A short circuit in the power grid or any appliance connected to the Device may damage the device, cause fire and/or injury.
- **CAUTION!** Connect the Device only in the way shown in these instructions. Any other method could cause damage and/or injury.
- **CAUTION!** Do not install the device at a place that is possible to get wet.

## Product Usage Instructions

1. Ensure that the breakers are turned off and there is no voltage on their terminals before starting the installation.
2. Connect the Shelly Bypass in parallel to the load as shown in the wiring diagram.
3. Perform every change in connections after ensuring there is no voltage present at the connection points.
4. Use the device only with a power grid and appliances that comply with all applicable regulations.
5. Connect the device only in the way shown in the instructions.
6. Do not install the device in a place that is possible to get wet.
7. For installation of the device to the power grid, it should be performed with caution by a qualified electrician.

## Read before use

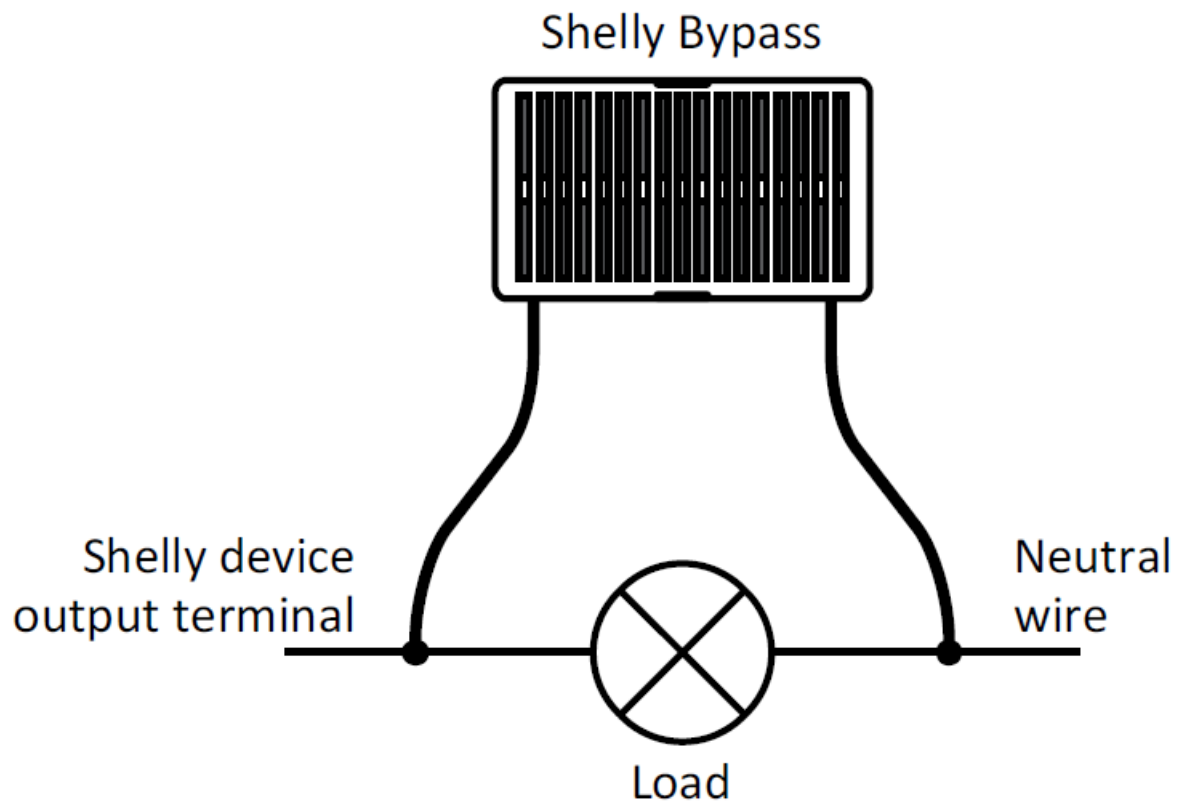
This document contains important technical and safety information about the device, its safety use and installation

**ATTENTION!** Before beginning the installation, please read carefully and entirely this guide and any other documents accompanying the device. Failure to follow the installation procedures could lead to malfunction, danger to your health and life, violation of the law or refusal of legal and/or commercial guarantee (if any). Allterco Robotics EOOD is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure of following the user and safety instructions in this guide.

## Product description

Shelly Bypass is required by Shelly devices that do not need neutral wire to operate, if the load they switch is less than 20 W at 240 VAC.

## Wiring



Connect the Shelly Bypass in parallel to the load as shown on the diagram above.

## Contact data

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Changes in the contact data are published by the Manufacturer at the official. All rights to trademark Shelly® and other intellectual rights associated with this Device belong to Allterco Robotics EOOD.

## Documents / Resources

	<p><a href="#">Shelly Dimmer and 1L Smart Home Automation Wi-fi Dim</a> [pdf] Owner's Manual Dimmer and 1L Smart Home Automation Wi-fi Dim, Dimmer and, 1L Smart Home Automation Wi-fi Dim, Automation Wi-fi Dim, Wi-fi Dim</p>
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## References

- [Shelly - Shelly](#)
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