

Shelly LAN Switch



Shelly LAN Switch User Guide

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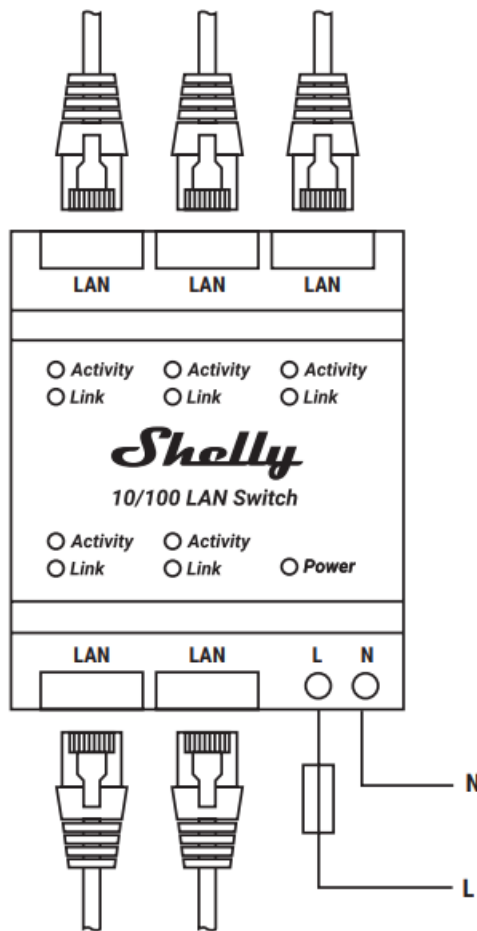
Wiring diagram

Legend Device terminals

- N: Neutral terminal
- L: Live terminal (110-240 VAC)
- LAN: Local Area Network RJ 45 connector

Wires

- N: Neutral wire
- L: Live wire (110-240 VAC)



User and safety guide Shelly LAN switch

- DIN-rail mountable 10/100 Mb/s Ethernet switch

Safety information

For safe and proper use, read this guide, and any other documents accompanying this product. Keep them for future reference. Failure to follow the installation procedures can lead to malfunction, danger to health and life, violation of law, and/or refusal of legal and commercial guarantees (if any). Shelly Europe Ltd. is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure to follow the user and safety instructions in this guide.

- This sign indicates safety information
- This sign indicates an important note.
- **WARNING!** Risk of electric shock. Installation of the Device to the power grid must be performed carefully by a qualified electrician,
- **WARNING!** Before making any changes to the connections, ensure there is no voltage present at the Device terminals.
- **CAUTION!** Connect the Device only in the way shown in these instructions. Any other method could cause damage and/or injury,
- **CAUTION!** Connect the Device only to a power grid and appliances that comply with all applicable regulations. A short circuit in the power grid or any appliance connected to the Device can cause fire, property damage, and electric shock
- **CAUTION!** The Device and the appliances connected to it, must be secured by a cable protection switch in

accordance with EN60898-1 (tripping characteristic B or C, maxe 16 A rated current, min. 6 kA interrupting rating, energy limiting class 3).

- **CAUTION!** Before installing the Device, turn the circuit breakers off Use a voltage tester or multimeter to check that there is no voltage on the wires you want to connect. When you are sure that there is no voltage, proceed to the installation,
- **CAUTION!** Do not use the Device if it shows any sign of damage or defect.
- **CAUTION!** The Device may be connected to and control only electric circuits and appliances that comply with the applicable standards and safety norms.
- **CAUTION!** Plug in or unplug the LAN cable only when the Device is powered off The parts of the LAN cable that may be touched when plugging in or unplugging it, must not be metallic
- **CAUTION!** The Device is intended only for indoor use.
- **CAUTION!** Keep the Device away from dirt and moisture.

Product Description

Shelly LAN switch (the Device) is a 5-port unmanaged DINrail mountable 10/100 Mb/s Ethernet switch.

Installation instructions

- To connect the Device, we recommend using solid single-core wires or stranded wires with ferrules. The wires should have insulation with increased heat resistance, not less than PVC T1050C (221 OF).
 - When connecting wires to the Device terminals, consider the specified conductor cross-section and stripped length. Do not connect multiple wires into a single terminal.
1. Connect the Live wire to the L terminal and the Neutral wire to the N terminal.
 2. Plug up to five LAN cables in the LAN connectors.

Specifications

- **Size (HxWxD):** 96x53x59 mm / 3.78x2.01x2.32 in
- **Weight:** 87 g / 3 oz
- **Screw terminals max torque:** 0.4 Nm / 3.5 lb
- **Conductor cross-section:** 0.5 to 2.5 mm / 20 to 14 AWG
- **Conductor stripped length:** 6 to 7 mm / 0.24 to 0.28 in
- **Mounting:** DIN-rail
- **Shell material:** Plastic
- **Shell color:** Black
- **Ambient working temperature:** -20°C to 40°C / -5°F to 105°F
- **Humidity:** 30% to 70% RH
- **Max. altitude:** 2000 m / 6562 ft/
- **Power supply:** 110 – 240 VAC
- **Power consumption:** < 1 W
- **External protection:** Tripping characteristic B or C, max. 16 A max. rated current, min. 6 kA interrupting rating, energy limiting class 3

Troubleshooting


In case you encounter problems with the installation or operation of the Device, check its knowledge base page:
https://shelly.link/LAN_switch

Declaration of conformity

Hereby, Shelly Europe Ltd. declares that the radio equipment type Shelly LAN switch complies with Directive 2014/35/EU, 2014/30/EU, 2011/65/EU. The full text of the EU Declaration of conformity is available at the following internet address: https://shelly.link/LAN_switch_DoC

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- **Official website:** <https://www.shelly.com> Changes in contact information are published by the Manufacturer on the official website. All rights to the trademark Shelly® and other intellectual rights associated with this Device belong to Shelly Europe Ltd.

Documents / Resources

	Shelly LAN Switch [pdf] User Guide LAN Switch, LAN, Switch
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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