

RC Snubber



Short description

The RC Snubber is a component that comprises a resistor (R) and a capacitor (C) connected in series. It effectively mitigates voltage spikes that can occur during the switching of inductive loads by providing a short-term alternative current path around the switching device, so that the inductive load is safely discharged. The RC Snubber can protect sensitive components of your Shelly device from voltage spikes and improve the overall performance and reliability of the connected circuits.

Main applications:

The RC Snubber finds common applications with inductive loads, such as:

- Fans
- Refrigerators
- Air-conditioners
- Washing machines
- Tumble dryers



- Transformers
- LED light drivers
- Other devices with electrical motors

Compatibility

- i** If in doubt whether you need to install an RC Snubber or not, read carefully the User guide for your Shelly device. You can purchase the RC Snubber from our [online shop](#).

You should connect RC Snubbers in parallel to inductive loads which you intend to switch with Shelly devices. Connect the RC Snubber as close to the inductive load as possible.

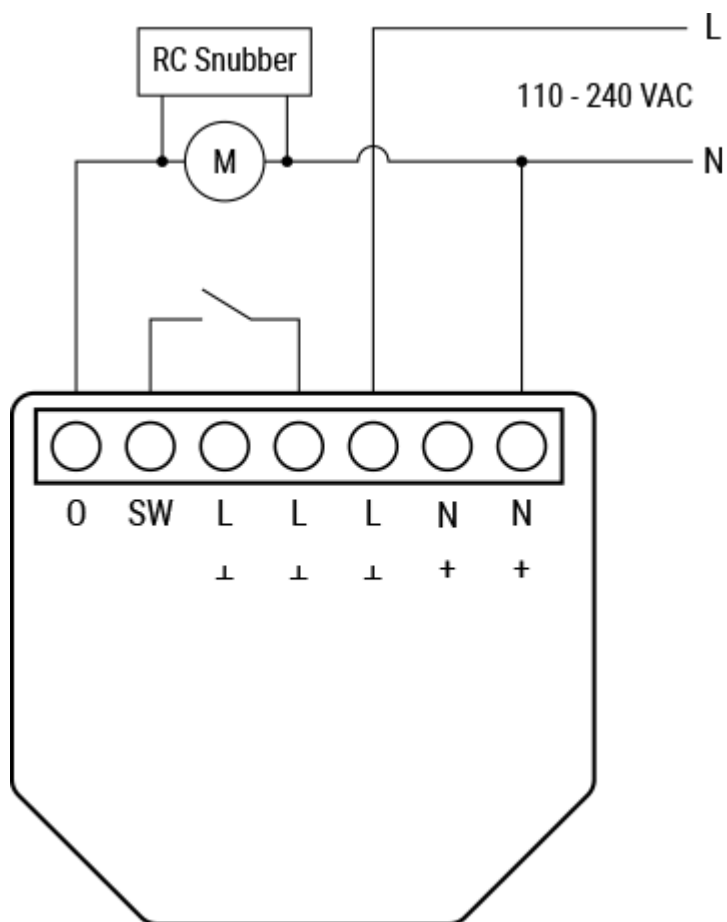
Specifications



Dimension	Value
Capacitance:	0.1 μ F
Resistance:	100 Ω
Power consumption:	1/2 W
Rated voltage:	600 VAC

Wiring diagram example

RC Snubber connected in parallel to an AC motor controlled by Shelly 1PM.



[Privacy policy](#) / [Cookie policy](#) / [Support](#) / [FB community support](#) / [Contact us](#)

Copyright © 2025 Shelly Cloud. Alterco Robotics OOD • Powered by Scroll Viewport & Atlassian Confluence • [Reset cookie settings](#)