

Following are four wiring diagrams, one without Sonoff and the other with sonoff in 2 examples with two methods.

First Example:

Wiring Diagram without Sonoff

Second Example:

Wiring Diagram with sonoff Method 1

Installation according to the manufacturer's own instruction manual.

Third Example:

Wiring Diagram with sonoff Method 2

With three swing cables (S1, S2 and S3)

Four Example:

Wiring Diagram with sonoff Method 2

Same example as the third, but using the same phase and neutral circuit for different environments (lamps).

Found Problems

Sometimes, when the dining room pendant switch is turned on, the chandelier in the hall entrance also lights up and vice versa.

With the installation of the capacitor 474K 250V the error happens much less, but not enough to eliminate the problem.

Regardless of the installation method, the error will occur.

Another problem that still persists, but with less intensity is that the switch sometimes does not work.

If you keep turning the switch on and off according to the test that Fran did, it will arrive at a certain time that the switch will not be recognized.

https://support.itead.cc/support/discussions/topics/11000028147/page/3?url_locale=

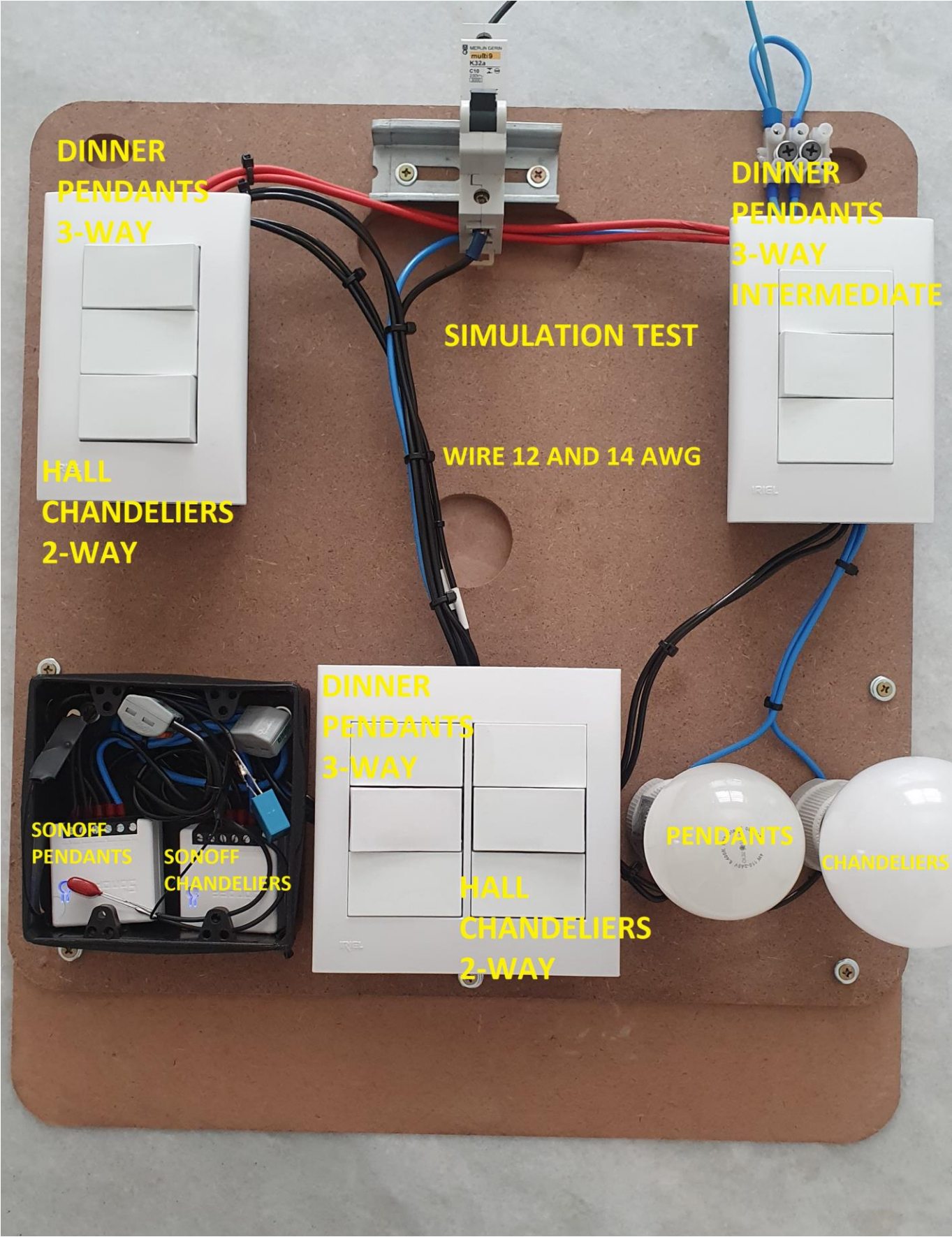
I had already tested it and this happens when S1 and S2 detects a voltage starting at 2.4V

https://support.itead.cc/support/discussions/topics/11000028147/page/6?url_locale=

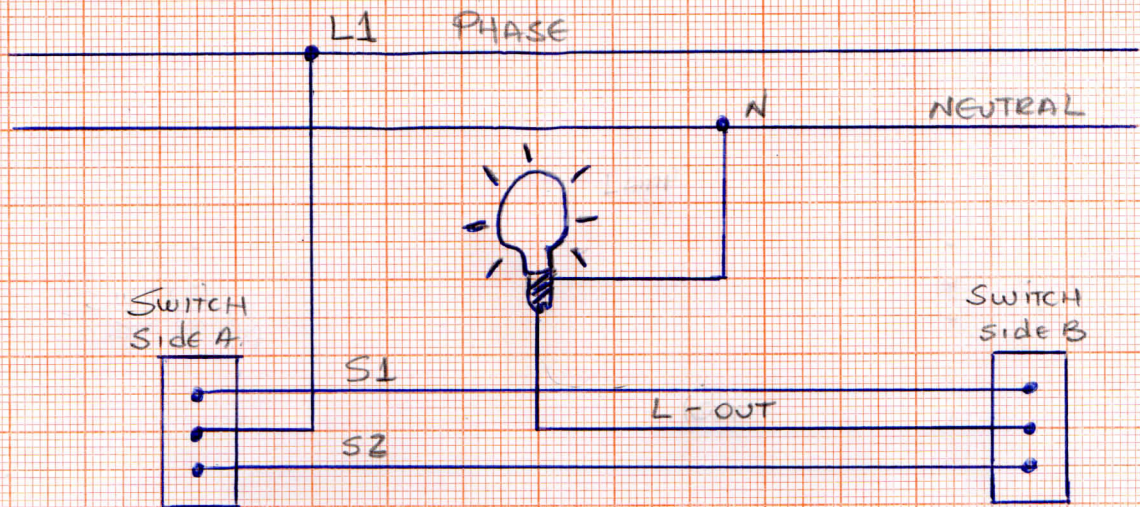
Would anyone have more information on how to make a Low Pass Filter for the Mini Sonoff, as shown in the video below?

https://www.youtube.com/watch?v=aq8_os6g13s

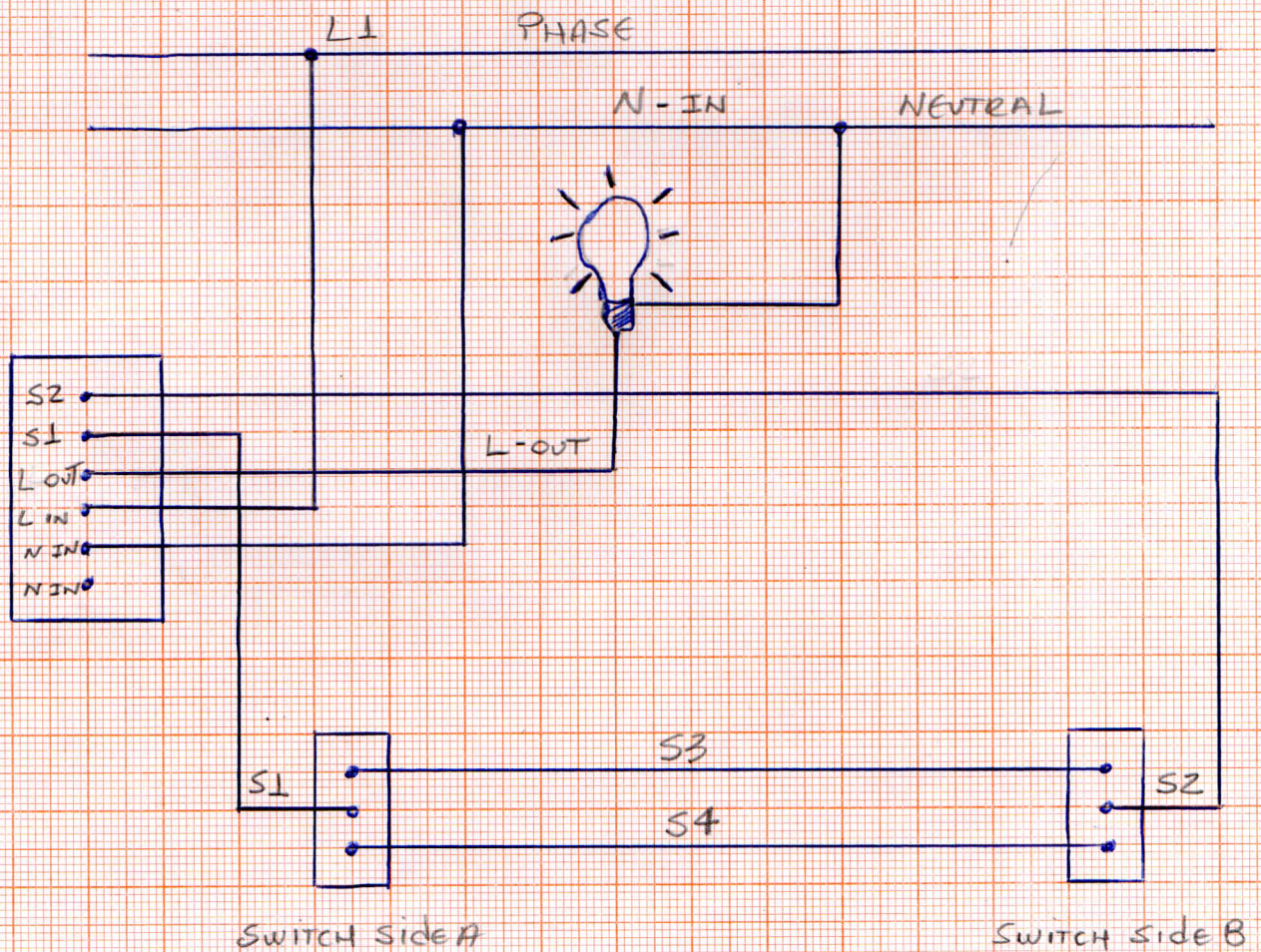
SIMULATION TEST



Wiring Diagram without Sonoff



Wiring Diagram with Sonoff Method 1



WIRING DIAGRAM WITH SONOFF METHOD 2
"my choice"

