

CONNECTING WIFI CABLE BETWEEN WIFI RELAY BOARD AND ADOR BOARD

- RELAY A:

The **COLORED**** wire of the WIFI cable is connected to the N.O. (Normally Open) terminal of Relay A.
The **WHITE** wire of the WIFI cable is connected to the COMMON terminal of Relay A.

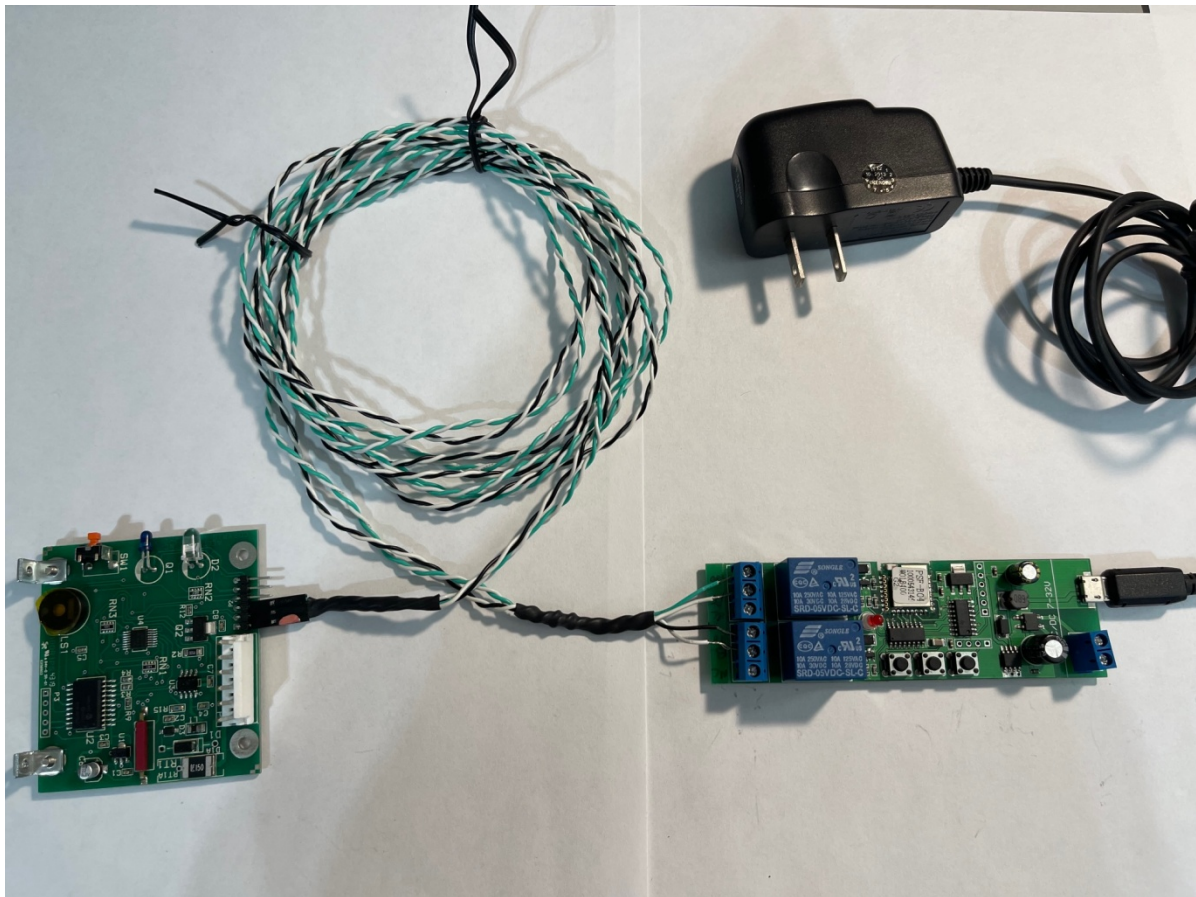
- RELAY B:

The **BLACK** wire of the WIFI cable is connected to the N.O. (Normally Open) terminal of Relay B.
The **WHITE** wire of the WIFI cable is connected to the COMMON terminal of Relay B.

(Note: the **WHITE** wires are connected together electrically inside the cable)

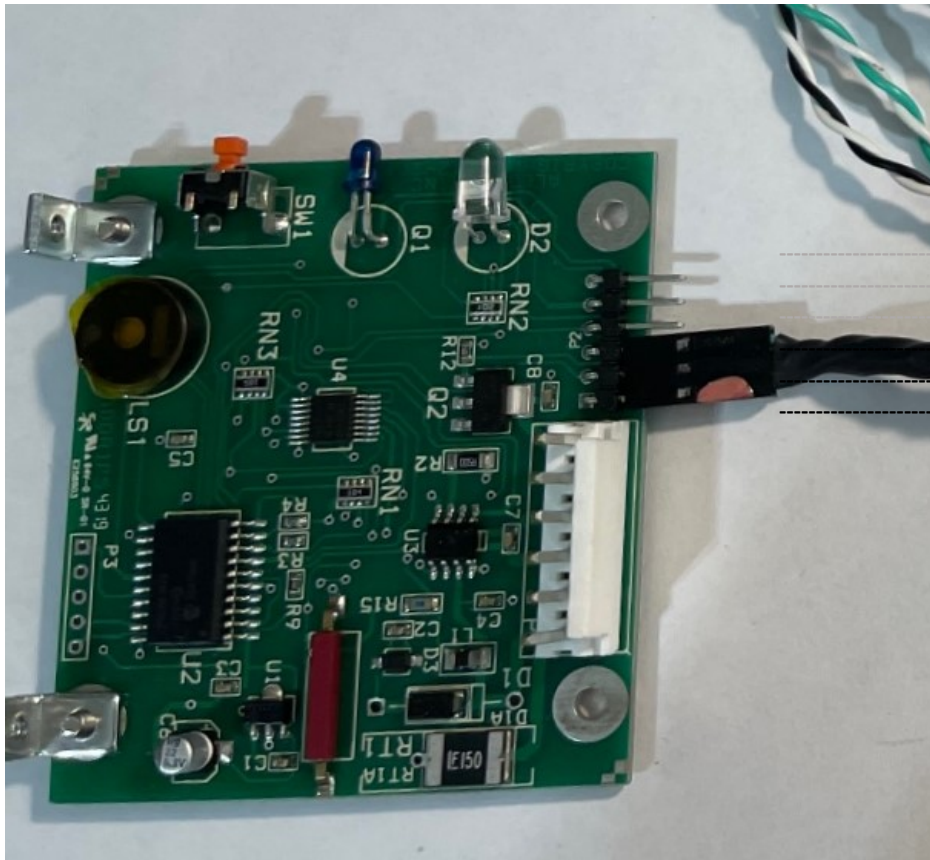
** (may be **Green** or **Red**)

WIFI CABLE is connected to the ADOR electronic board on **AUX PINS 1, 2, 3**



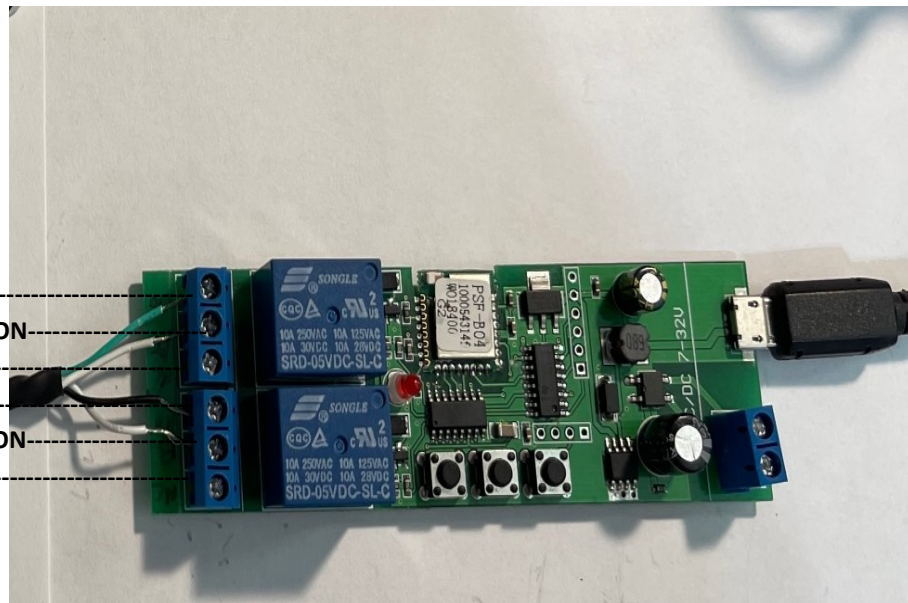
- ADOR BOARD
- WIFI CABLE
- WIFI RELAY BOARD
- 5V POWER SUPPLY

ADOR electronic board



- AUX pin 6
- AUX pin 5
- AUX pin 4
- AUX pin 3
- AUX pin 2
- AUX pin 1 (mark)

- RELAY A: N.O.-----
- RELAY A: COMMON-----
- (no connection)-----
- RELAY B: N.O.-----
- RELAY B: COMMON-----
- (no connection)-----



WIFI RELAY BOARD: screw terminals

USING AN EXTERNAL SENSOR INSTEAD OF THE BUILT-IN SENSOR WITH WIFI

To adapt the above connection instructions to use an external photo sensor instead of the sensor that is built in on the ADOR electronic board, follow these steps:

1. Purchase the external photo sensor from Adorstore.com
2. Cutoff the connector from the photo sensor wire cable and strip the **WHITE** and **BLACK** wires.
3. Loosen the terminal screw on the WIFI relay board for Relay A N.O. (should be a **COLORED****wire).
4. Pull the **COLORED**** wire out and clip off the metal end of the wire since it will be unused now, and insert the stripped **BLACK** wire of the sensor under the screw terminal and tighten.
5. Connect the **WHITE** wire of the sensor to the Relay B N.O. terminal. Loosen the terminal screw and insert this **WHITE** wire along with the WIFI cable's **BLACK** wire, so that the two wires are inserted in the terminal location, and tighten the screw terminal screw.

** (may be **Green** or **Red**)

When in AUTOMATIC MODE, Relay A is contacting the N.O. terminal to the COMMON terminal which connects the external photo sensor to the ADOR electronic board input. The internal photo sensor is disabled in this configuration.