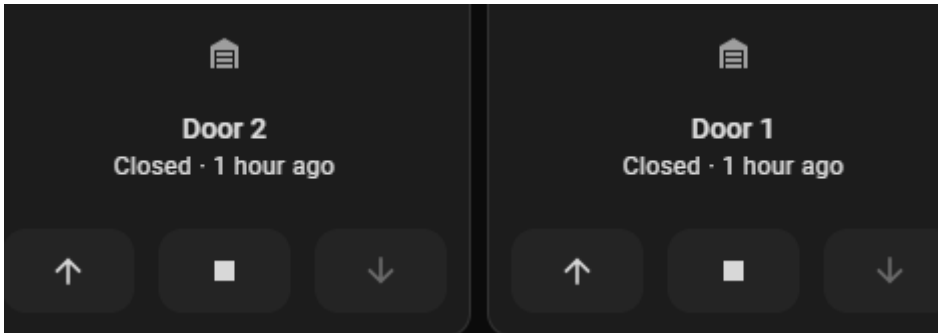


Dual Garage Door Opener

Using ESPHome

This is code for dual garage door opener and will show red when door is opened

Dashboard



This is built using a

ESP32

and some magnet switches

REED

The REED is only one per door

```
substitutions:
  name: sfl-garage-001
  friendly_name: SFL-GARAGE-001

esphome:
  name: ${name}
  name_add_mac_suffix: false
  friendly_name: ${friendly_name}

esp32:
  board: esp32dev
  framework:
    type: esp-idf
```

wifi:

ssid: !secret wifi_ssid

password: !secret wifi_password

ap:

ssid: "Sfl-Garage-001 Fallback Hotspot"

password: "xxx"

api:

encryption:

key: "xxxxxx"

ota:

- platform: esphome

password: "xxxxx"

logger:

level: ERROR

web_server:

port: 80

bluetooth_proxy:

active: true

captive_portal:

--- Relays (momentary button press) ---

switch:

- platform: gpio

pin: GPIO25

inverted: true

name: "Door 1 Button"

id: garage_button_1

on_turn_on:

- delay: 500ms

- switch.turn_off: garage_button_1

- platform: gpio

pin: GPIO32

inverted: true

```
name: "Door 2 Button"
id: garage_button_2
on_turn_on:
  - delay: 500ms
  - switch.turn_off: garage_button_2
```

--- Reed Switches ---

binary_sensor:

```
- platform: gpio
  pin:
    number: GPIO05
    mode: INPUT_PULLUP
    inverted: false
  name: "Door 1 Sensor"
  id: garage_sensor_1
  device_class: garage_door
  icon: "mdi:garage"
  filters:
    - delayed_on: 100ms
    - delayed_off: 100ms
```

```
- platform: gpio
  pin:
    number: GPIO04
    mode: INPUT_PULLUP
    inverted: false
  name: "Door 2 Sensor"
  id: garage_sensor_2
  device_class: garage_door
  icon: "mdi:garage"
  filters:
    - delayed_on: 100ms
    - delayed_off: 100ms
```

--- Garage Door Covers ---

cover:

```
- platform: template
  name: "Door 1"
  device_class: garage
  optimistic: false
```

lambda: |-

```
if (id(garage_sensor_1).state) {  
    return COVER_CLOSED;  
} else {  
    return COVER_OPEN;  
}
```

open_action:

- switch.turn_on: garage_button_1

close_action:

- switch.turn_on: garage_button_1

stop_action:

- switch.turn_on: garage_button_1

- platform: template

name: "Door 2"

device_class: garage

optimistic: false

lambda: |-

```
if (id(garage_sensor_2).state) {  
    return COVER_CLOSED;  
} else {  
    return COVER_OPEN;  
}
```

open_action:

- switch.turn_on: garage_button_2

close_action:

- switch.turn_on: garage_button_2

stop_action:

- switch.turn_on: garage_button_2

Revision #2

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