

Dual Garage Door Opener

Using ESPHome

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

Dashboard

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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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