

empenoso / diy-cheap-automated-blinds Public

us: Low price automation of blinds 🇺🇸 / ru: Автоматизация дешевых жалюзи


















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1 Branch 0 Tags Go to file Go to file Code

 empenoso Описание	0abe672 · 6 years ago	
 ESPHome.png	ESPHome	6 years ago
 Home Assistant_integ...	Home Assistant_integrations	6 years ago
 IMG_20191026_10101...	photos	6 years ago
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 README.md	Update README.md	6 years ago
 README.ru.md	Описание	6 years ago
 automations.yaml	Home Assistant rules	6 years ago
 window_1.yaml	ESPHome firmware	6 years ago
 window_2.yaml	ESPHome firmware	6 years ago
 window_3.yaml	ESPHome firmware	6 years ago

DIY Motorize & Automate Blinds license MIT

labor hours 1 day

Low price automation of blinds 🍷 . Blinds are also cheap.

I use ESP8266 with firmware that is native to Home Assistant. Without using MQTT.

Read this in other languages: [English](#), [Русский язык](#).

Table of contents

- [Parts](#)
- [ESPHome firmware](#)
- [Automation rule for Home Assistant](#)
- [Photos](#)
- [Advantages and Disadvantages of the Project](#)

Parts


1. [Leroy Merlin 25mm / 1" Blinds Inspire 100x160 cm aluminum color white](#) * 3 pieces
2. [28BYJ-48 5V 4 Phase DC Gear Stepper Motor + ULN2003 Driver Board](#) * 3 pieces
3. [LOLIN D1 mini V3.1.0 - WEMOS WIFI Internet of Things development board based ESP8266](#) * 3 pieces
4. [AC-DC 100-240V To 5V 2.5A Switching Power Supply Module](#) * 1 piece
5. [3mm-5mm Brass Rigid Motor Shaft Coupling Coupler Motor Transmission Connector with Screws Wrench](#) * 3 pieces (Thanks [@KennethLavrsen](#) for the tip)


ESPHome firmware

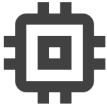
I use [ESPHome Hass.io Add-On](#) to compile:

- [window_1.yaml](#)

- [window_2.yaml](#)
- [window_3.yaml](#)

 window_1
● Online. Full path: /config/esphome/window_1.yaml
UPLOAD EDIT SHOW LOGS VALIDATE

 window_2
● Online. Full path: /config/esphome/window_2.yaml
UPLOAD EDIT SHOW LOGS VALIDATE

 window_3
● Online. Full path: /config/esphome/window_3.yaml
UPLOAD EDIT SHOW LOGS VALIDATE

[Automation rule for Home Assistant](#)

Depending on the light level, the blinds [rotate 90 degrees](#).

 window_1

Entities

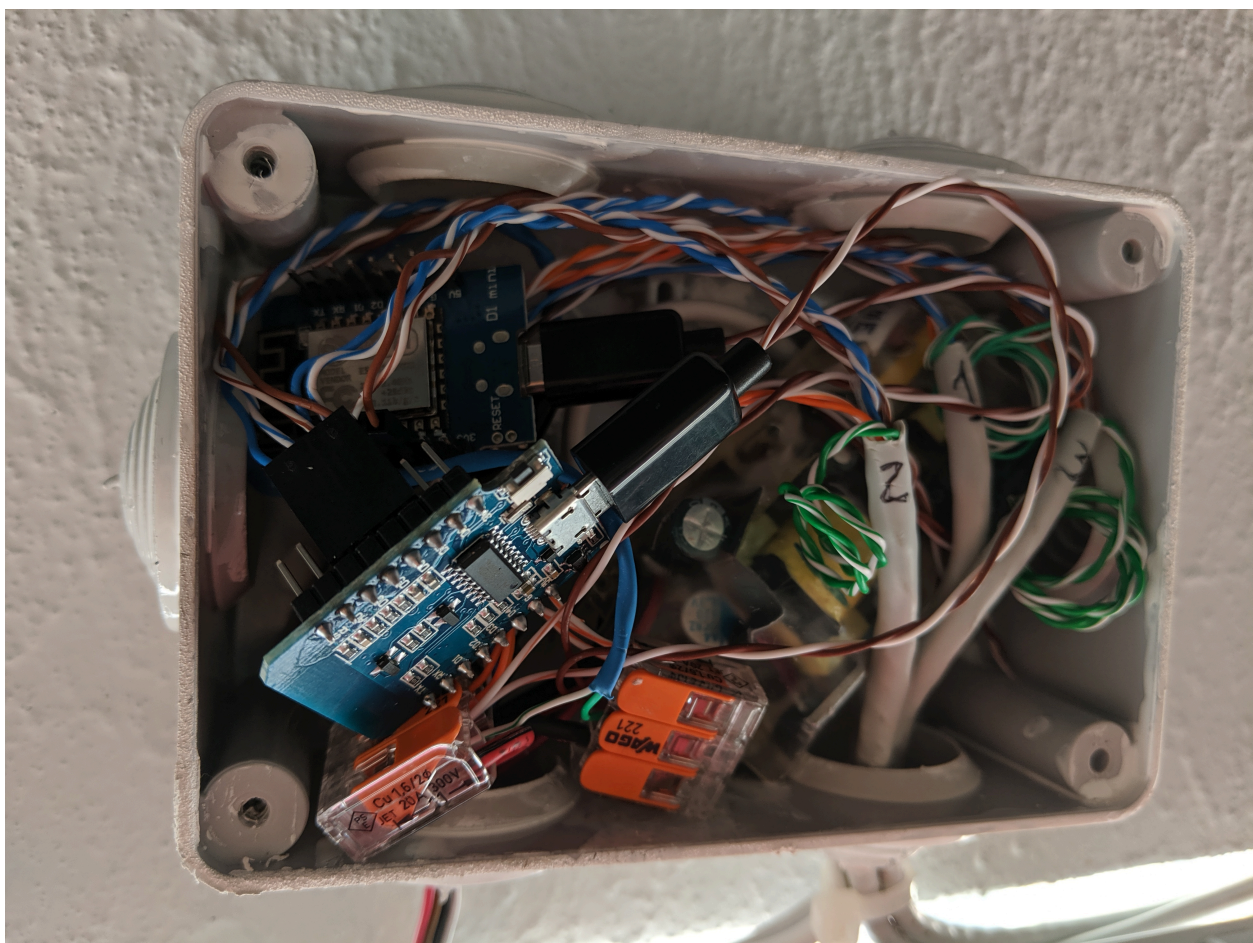


Показывать отключенные объекты

Window 1 MAC Address
sensor.window_1_mac_addressWindow 1 Restart
switch.window_1_restartWindow 1 Uptime
sensor.window_1_uptimeWindow 1 Version
sensor.window_1_versionWindow 1 WiFi Signal
sensor.window_1_wifi_signalWindow 1 Wifi Strength
sensor.window_1_wifi_strengthЖалюзи 1
cover.zhaliuzi_1Освещенность у окна
sensor.osveshchennost_u_okna

[Photos](#)  TOP







Releases

No releases published

Packages

No packages published