



Universidad Politécnica de Madrid

Uso del IoT para construir tú mismo un hogar digital

Integración de dispositivos comerciales en openHAB

Javier Malagón

# Acercamiento a openHAB



openHAB - Mozilla Firefox

openHAB

192.168.0.100:8080

**openHAB**  
empowering the smart home

LUNES, 1 DE NOVIEMBRE  
**Ubicaciones**

Sin páginas

**Administración**

- Configuración
- Herramientas de Desarrollo
- Ayuda y Acerca de

**Cocina**  
Planta Baja

**Habitación invitados**  
Primera planta

**Habitación principal**  
Primera planta

**Planta baja**

**Salón**  
Planta baja

**admin-openhab**  
http://192.168.0.100:8080

Vista General

**Ubicaciones**

Equipamiento

Propiedades

# Acercamiento a openHAB

openHAB - Mozilla Firefox

openHAB

192.168.0.100:8080/settings/

**Settings**

**Administración**

- Configuración
- Things
- Model
- Items
- Pages
- Rules
- Scripts
- Schedule

Herramientas de Desarrollo

Ayuda y Acerca de

admin-openhab  
http://192.168.0.100:8080

**Configuration**

- Things** 5 >  
Manage the physical layer
- Model** >  
The semantic model of your home
- Items** 17 >  
Manage the functional layer
- Pages** 2 >  
Design displays for user control & monitoring

**Automation**

- Rules** >  
Automate with triggers and actions
- Scripts** >  
Rules dedicated to running code
- Schedule** >  
View upcoming time-based rules

**Add-ons**

- Automation** >  
Scripting languages and module types for rules
- Bindings** >  
Connect and control hardware and online services
- Misc** >

**System Services**

- Configuración regional >
- Configuración de red >
- Audio >
- Efemérides >
- API Security >
- Administración de complementos >
- Persistence >
- Almacenamiento Json >
- Inbox >
- Charts >
- Sitemap >
- Voz >


**Other Services**

- Rule Voice Interpreter >
- Language Server (LSP) >

Shelly - Bindings | openHAB - Mozilla Firefox

Shelly - Bindings | openHAB × +


← → ↻ <https://www.openhab.org/addons/bindings/shelly/> 📄 ☆ 📧 ☰

  Download Documentation Add-ons Community Blog About ▾ GitHub ↗

Senec Home  
Seneye  
senseBox  
Sensibo  
Serial  
Serial Button  
**Shelly**  
Siemens RDS  
Silvercrest Wifi Plug  
Sinopé  
SleepIQ  
SMA Energy Meter  
SmartMeter  
Smhi  
SNCF  
SNMP  
Solar-Log  
SolarEdge  
Solarwatt  
Somfy myLink

## Shelly Binding

This Binding integrates [Shelly devices](#) developed by Allterco.



Allterco provides a rich set of smart home devices. All of them are WiFi enabled (2,4GHz, IPv4 only) and provide a documented API. The binding is officially acknowledged by Allterco and openHAB is listed as a reference and directly supports the openHAB community.

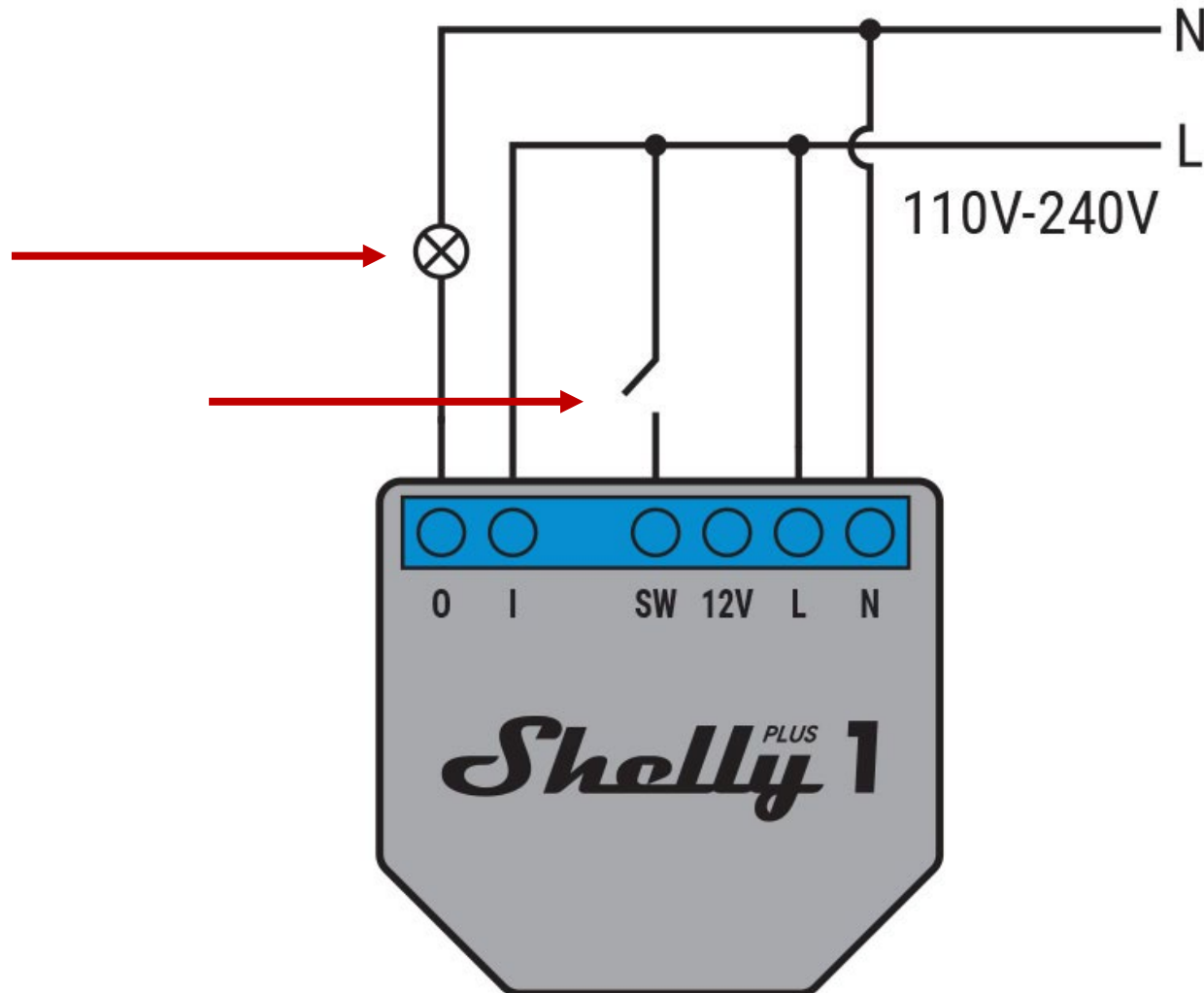
The binding controls the devices independently from the Allterco Shelly Cloud (in fact it can be disabled). The binding co-exists with Shelly App for Smartphones, Shelly Device Web UI, Shelly Cloud, MQTT and other 3rd party Apps.

The binding focuses on reporting the device status and device control. Initial setup and device configuration has to be performed using the Shelly Apps (Web UI or Smartphone App). The binding gets in sync with the next status refresh.

Refer to [Advanced Users](#) for more information on openHAB Shelly integration, e.g. firmware update, network communication or log filtering.

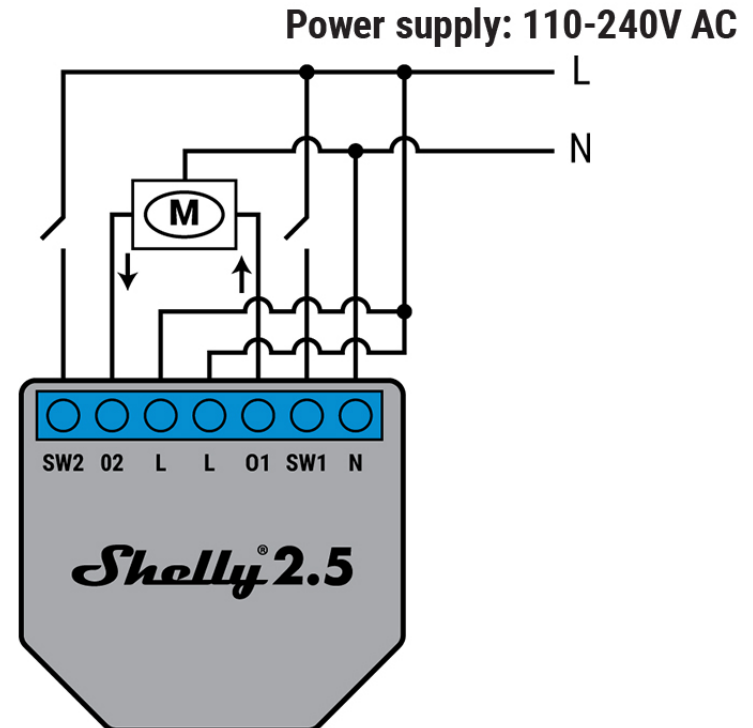
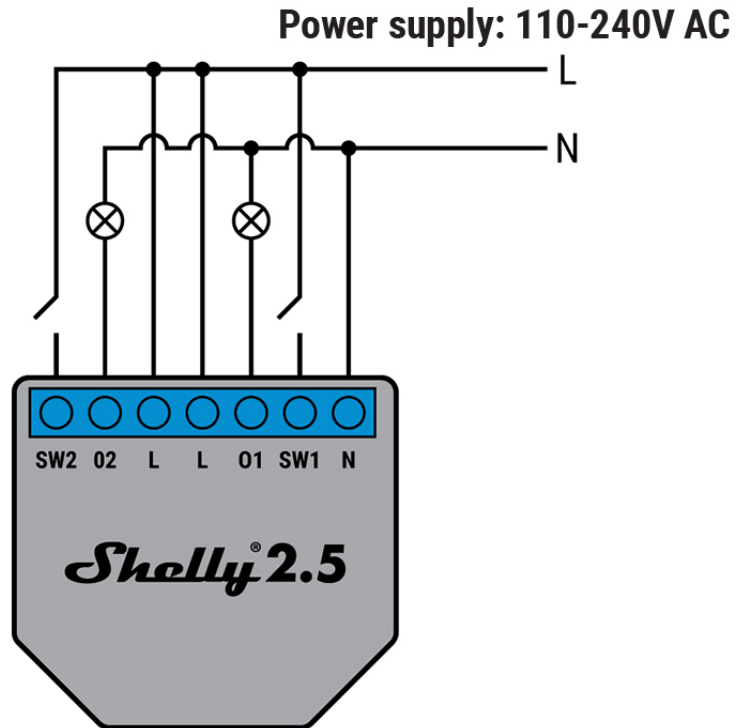
Also check out the [Shelly Manager](#), which

- provides detailed information on your Shellys
- helps to diagnose WiFi issues or device instabilities





<https://shelly.cloud/shelly-plus-1/>



## Power Meter

W **Watt**  
meter#currentWatts (Number:Power)   
Current power consumption in Watt


T **Total Energy**  
meter#totalKWH (Number:Energy)   
Total power consumption

# Modelo de vivienda

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openHAB

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Cocina  
Planta Baja

Salón  
Planta baja

Cuadro principal planta

Luces salon

Consumo d	0.0	>
Consumo	60,52 W	>
Lampara d	<input type="checkbox"/>	
Lámpara del s	<input checked="" type="checkbox"/>	

Cerrar

admin-openhab  
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