

eMylo YSA111A1N-FBA

eMylo Universal Smart WiFi Switch Module

Model: YSA111A1N-FBA

Instruction Manual

1. INTRODUCTION

The eMylo Universal Smart WiFi Switch Module is designed to integrate your traditional home appliances and lighting into a smart home system. This module allows for remote control via a smartphone application, voice control through smart assistants like Amazon Alexa and Google Home, and programmable timing functions. It operates on AC90-250V and supports a maximum current of 10A, making it suitable for a wide range of devices.

2. SAFETY INFORMATION

- **Electrical Safety:** Installation should only be performed by qualified personnel or individuals with a thorough understanding of electrical wiring. Always disconnect power at the circuit breaker before installation or maintenance.
- **Voltage and Current:** Ensure the connected load does not exceed the module's maximum ratings of 10A and AC90-250V. Overloading can cause damage or fire.
- **Environment:** Do not expose the device to moisture, extreme temperatures, or corrosive environments. Use indoors only.
- **Children:** Keep the device out of reach of children.

3. PACKAGE CONTENTS

- eMylo Universal Smart WiFi Switch Module (YSA111A1N-FBA)
- User Manual

4. SPECIFICATIONS

Parameter	Value
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Model Number	YSA111A1N-FBA
Input Voltage	AC 90-250V
Max Current	10A
Dimensions (L x W x H)	8.6 x 3.5 x 2.7 cm
Weight	70 grams
Wireless Standard	Wi-Fi 2.4GHz (IEEE 802.11 b/g/n)
App Support	Tuya Smart / Smart Life
Voice Control	Amazon Alexa, Google Home

5. SETUP INSTRUCTIONS

5.1 Wiring Installation

WARNING: Ensure power is disconnected at the circuit breaker before proceeding with wiring. Incorrect wiring can cause electric shock or damage to the device.

1. Identify the Live (L) and Neutral (N) wires from your power source and to your appliance/light.
2. Connect the Live (L) input wire to the 'Input L' terminal on the switch module.
3. Connect the Neutral (N) input wire to the 'Input N' terminal on the switch module.
4. Connect the Live (L) output wire (to your appliance/light) to the 'Output L' terminal on the switch module.
5. Connect the Neutral (N) output wire (to your appliance/light) to the 'Output N' terminal on the switch module.
6. Ensure all connections are secure. The module features robust, lever-operated connectors for easy and secure wire insertion.

Diseño de seguridad

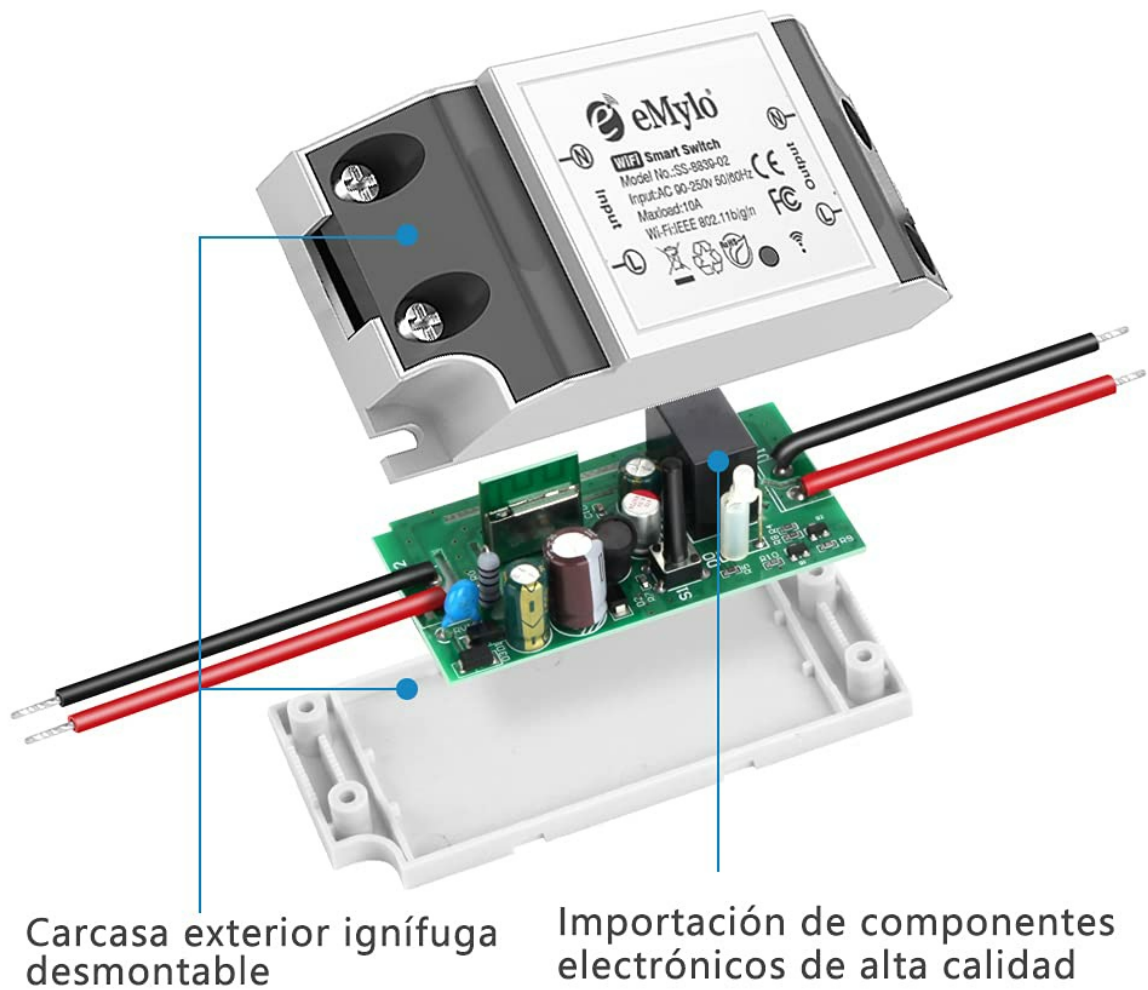


Image: Exploded view of the eMylo Smart WiFi Switch, illustrating its internal structure and connection points. The fire-retardant casing and high-quality electronic components are visible.



Image: Simplified wiring diagram for the eMylo Smart WiFi Switch, demonstrating the ease of installation.

5.2 App Installation and Device Pairing

1. **Download App:** Download the 'Tuya Smart' or 'Smart Life' app from your smartphone's app store (available on iOS and Android).
2. **Register/Login:** Open the app and register for a new account or log in if you already have one.
3. **Enter Pairing Mode:** After wiring, restore power to the module. Press and hold the pairing button on the eMylo switch module for approximately 5-10 seconds until the indicator light starts blinking rapidly. This indicates it is in pairing mode.

4. **Add Device:** In the app, tap the '+' icon (usually in the top right corner) to add a new device. Select 'Electrical' > 'Switch (Wi-Fi)' or 'Socket (Wi-Fi)'.
5. **Connect to Wi-Fi:** Confirm the indicator light is blinking rapidly. Enter your 2.4GHz Wi-Fi network password. The device does not support 5GHz Wi-Fi networks.
6. **Complete Pairing:** The app will search for and connect to the device. Once connected, you can rename the device and assign it to a room.

6. OPERATING INSTRUCTIONS

6.1 Remote Control via App

Once paired, you can control your connected appliance or light from anywhere using the Tuya Smart / Smart Life app. The app interface will display a power button to toggle the device on or off.



Image: The eMylo Smart Switch app on a smartphone, displaying the main power toggle for remote control.

Aplicación de control remoto

Enciende las luces de tu casa cuando vuelvas,
parece que alguien te está esperando



Image: A user remotely controlling home lights via the application, demonstrating the convenience of remote access.

6.2 Voice Control (Alexa/Google Home)

The eMylo Smart WiFi Switch is compatible with Amazon Alexa and Google Home for hands-free control.

1. **Link Account:** In the Alexa or Google Home app, enable the 'Tuya Smart' or 'Smart Life' skill/service and link your account.
2. **Discover Devices:** Ask your smart assistant to discover new devices (e.g., "Alexa, discover my devices" or "Hey Google, sync my devices").
3. **Voice Commands:** Once discovered, you can use voice commands to control your switch. For example:
 - "Alexa, turn on the living room light."
 - "Hey Google, turn off the fan."

Control de voz

Funciona con Alexa y Google Home



Image: A smart speaker (Alexa) next to a bedside lamp, illustrating voice control functionality. The text bubble shows a command: "Alexa, turn off the lamp for me."

6.3 Timer and Schedule Functions

Set schedules and timers within the Tuya Smart / Smart Life app to automate your devices.

- **Scheduling:** Create daily or weekly schedules for devices to turn on or off at specific times (e.g., turn on lights at sunset, turn off fan at bedtime).
- **Countdown Timer:** Set a countdown timer for a device to turn off after a specified duration.

Establecer horarios

Sus electrodomésticos encendidos y apagados según las necesidades



Image: An illustration of setting schedules for home appliances, such as turning on a light at 07:00 and turning it off at 23:00, to align with daily routines.

7. MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Wipe the device with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check wiring connections to ensure they remain secure.
- **Firmware Updates:** Keep the Tuya Smart / Smart Life app updated to ensure the best performance and security for your device.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device cannot connect to Wi-Fi or frequently disconnects.	Incorrect Wi-Fi password; 5GHz Wi-Fi network used; device too far from router; Wi-Fi signal interference.	Ensure correct 2.4GHz Wi-Fi password. Move device closer to router or use a Wi-Fi extender. Reduce interference from other devices.

Device does not respond to app or voice commands.	No internet connection; device offline; app/skill not linked correctly.	Check your internet connection. Verify the device is online in the app. Relink the Tuya Smart/Smart Life skill in Alexa/Google Home app.
Indicator light is not blinking during pairing.	Not in pairing mode.	Press and hold the pairing button for 5-10 seconds until the light blinks rapidly.
Device is not turning on/off manually.	No power to the module; incorrect wiring.	Check power supply and circuit breaker. Verify wiring connections are correct and secure.

9. WARRANTY AND SUPPORT

eMylo products are designed for reliability and performance. For warranty information or technical support, please refer to the official eMylo website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Contact Information: Please visit www.emylo.com for the latest support resources and contact details.