

INDUSTRIAL PRODUCT DATASHEET

XIAO 2-Channel Wi-Fi AC Relay

XIAO 2-Channel Wi-Fi AC Relay provides dual relay control and power monitoring for smart home integration with Home Assistant.

SKU

114993526

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PRICE

\$19.90(Excl. VAT)



Overview



The XIAO 2-Channel Wi-Fi AC Relay enables independent control of two 100–240 V AC appliances, seamlessly integrated with Home Assistant via ESPHome for remote automation. It provides real-time and historical power monitoring through a built-in current meter, optimizing energy management directly from the Home Assistant dashboard.

Key Features

Note:

Early Build provides beta products (featuring 3D-printed cases) and evolving software before final release. We welcome your feedback and suggestions to shape the product's evolution. Enjoy exploring!

1. Enhance Your Smart Home Setup with 2 Independent Relays

Upgrade your conventional devices with these 2-channel relays, perfect for switching and controlling two separate 100-240V AC appliances. Seamlessly integrated with Home Assistant, enjoy effortless remote control and automation of your home devices.

2. Seamless ESPHome & Home Assistant Compatibility for Intuitive Control

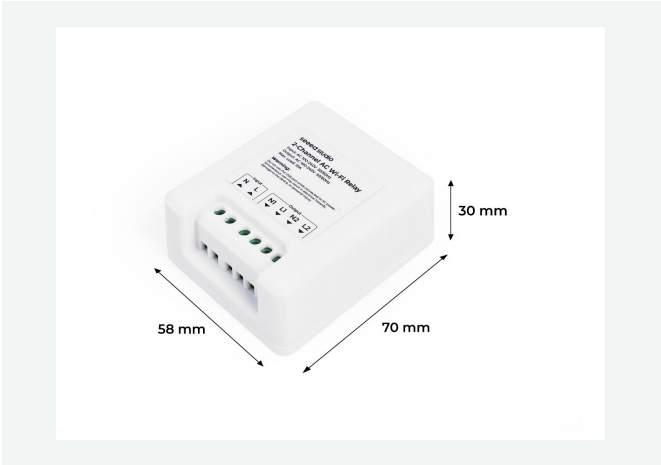
Powered by the [XIAO ESP32-C3](#), this relay ensures smooth integration with [Home Assistant](#) through [ESPHome](#). Customize and manage settings directly from the Home Assistant dashboard, providing a user-friendly and centralized control experience.

3. Real-Time and Historical Power Monitoring for Efficient Energy Management

The built-in current meter on the relay allows you to monitor both **real-time and historical power consumption** of your appliances via the **Home Assistant dashboard**, helping you optimize energy usage and track consumption patterns.

Product Gallery



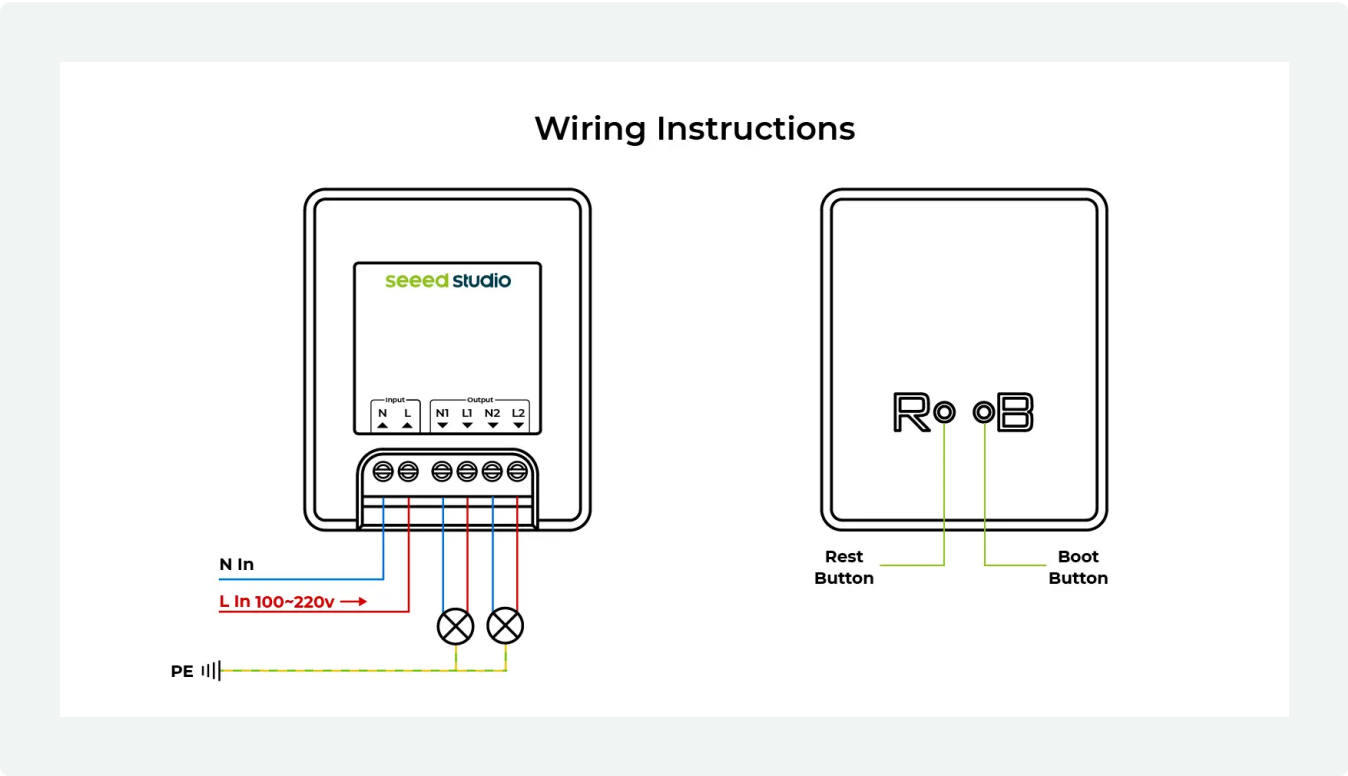


Specification

AC Rating	100-240V~50/60Hz 10A Max
Max. Load	2400W@240V
Calibration-Free Metering IC	BL0942
Active Energy Measurement Error	0.1% Dynamic range 4000:1
Realy Channels	2
AC Rating	100-240V~50/60Hz 10A Max
Wireless	2.4Ghz Wi-Fi
Dimension	58*70*38mm
Enclosure	3D-Printed in White Open sourced on Thingsverse for custimzation

	Terminals	Wires
N	Neutral terminal	Neutral wire
L	Live(100-240 VAC) terminal	Live(100-240 VAC) wire
PE	/	Protective Earth wire

Hardware Overview



Part List

2-Channel Wi-Fi AC Relay with 3D-Printed Enclosure (White)	x1
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Compliance & Logistics



HSCODE	8536490090
USHSCODE	8536490050
UPC	
EUHSCODE	8531202090
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Dual-Smart-Relay-Module-for-XIAO-p-6309.html>
- [3D-Printed Enclosure File](#) for your unique customization

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