

INDUSTRIAL PRODUCT DATASHEET

1-Channel Relay for Seeed Studio XIAO

The 1-Channel Relay for Seeed Studio XIAO offers 10A/250VAC switching in a compact form factor for IoT, home automation, and industrial applications.

SKU

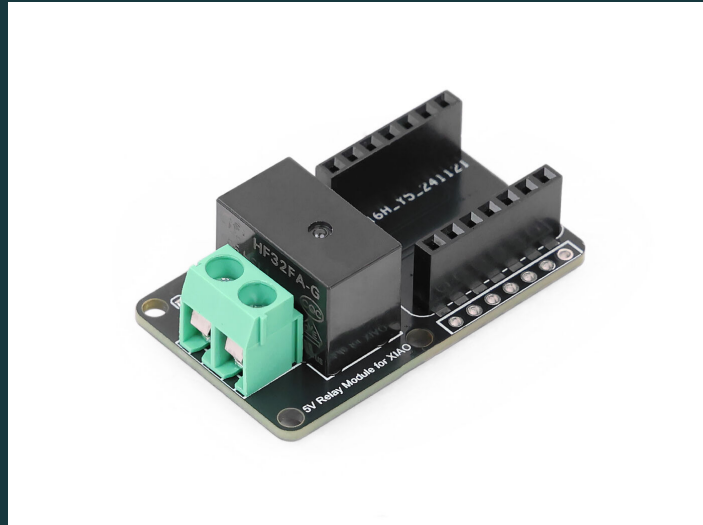
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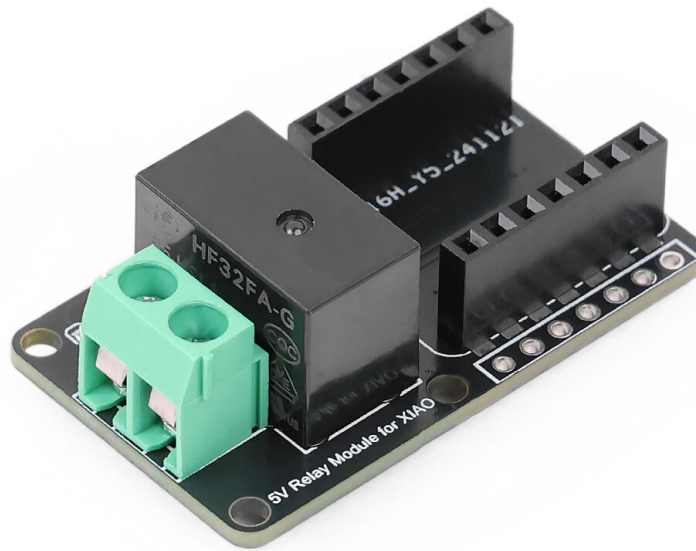
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PRICE

\$4.90(Excl. VAT)



Overview



This compact relay board integrates seamlessly with the Seeed Studio XIAO series and uses the HF32FA-G relay for switching loads up to 10A/250VAC. It supports versatile applications including IoT, home automation, DIY projects, and industrial controls.

Key Features

1. Compact and Efficient Design

Built with the HF32FA-G relay, this board offers reliable performance in a compact form factor, making it ideal for projects where space is limited.

2. Seamless Integration with XIAO Series

Specifically tailored for the Seeed Studio XIAO series, it ensures easy connectivity and smooth operation, saving development time and effort.

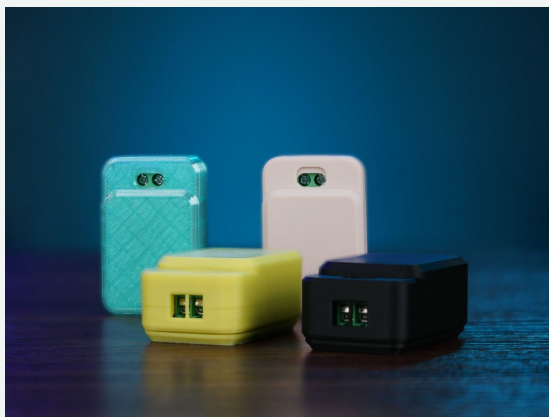
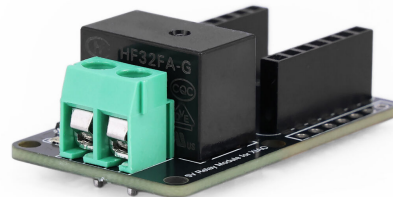
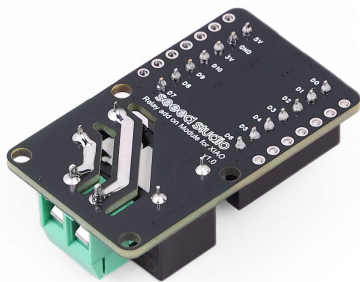
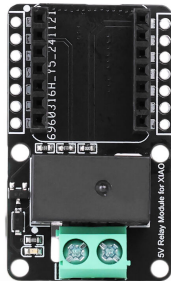
3. High Electrical Performance

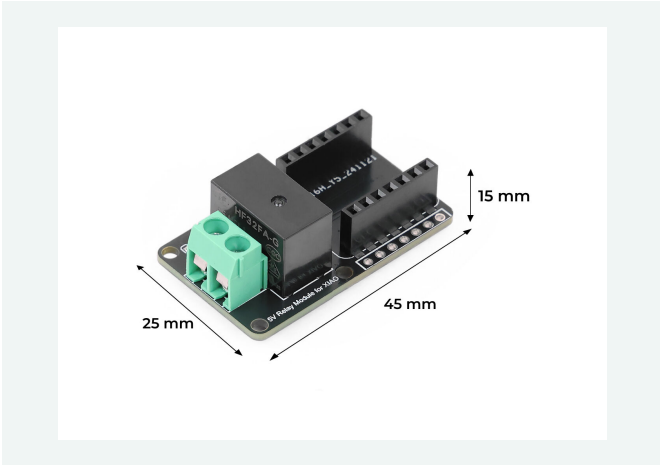
The HF32FA-G relay supports switching loads up to **10A/250VAC**, ensuring stable operation in a wide range of applications.

4. Versatile Use Cases

Suitable for various applications, including smart home systems, automation projects, and DIY setups, making it a versatile addition to your toolkit.

Product Gallery

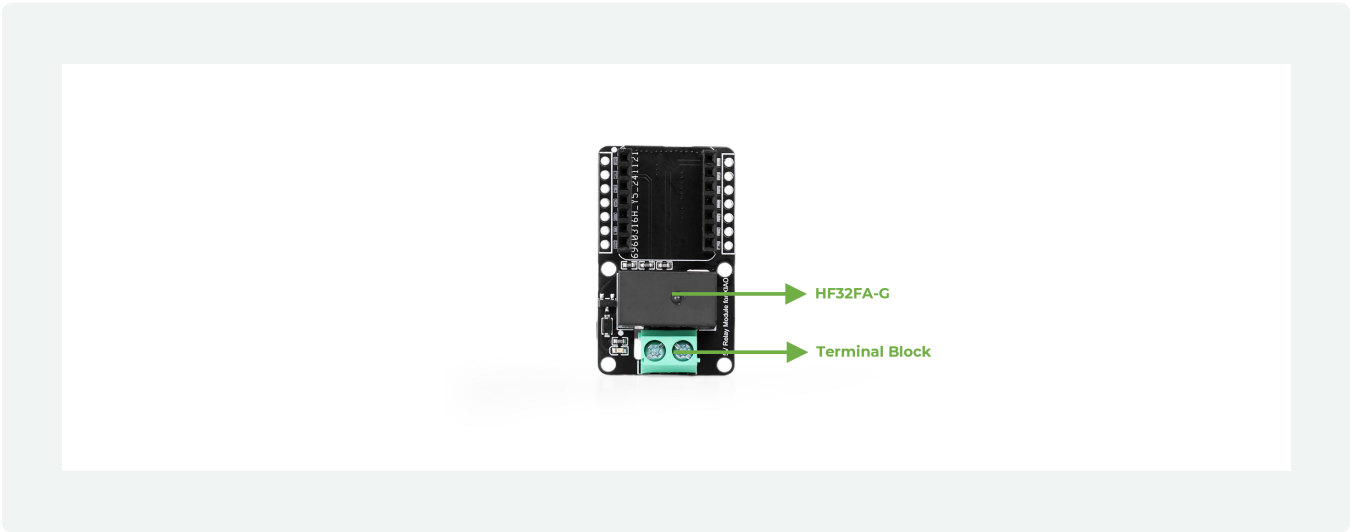




Specification

Parameter	Value
Relay Pin	D1
Operating Voltage	5V
Operating Current	1A
Relay Life	100,000 Cycle
Max Switching Voltage	250VAC
Max Switching Current	10A
Electrical endurance	1.5x10 ⁴ OPS (10A 250VAC, Resistive load, at 85°C, 1s on 9s off)
Dimension	21*42mm

Hardware Overview



Applications

- IoT device integration
- Home automation systems
- DIY electronics projects
- Industrial controls

Part List

Relay add on Module	x1
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Compliance & Logistics



HSCODE	8536490090
USHSCODE	8536490050
UPC	
EUHSCODE	8531202090
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Relay-add-on-module-for-XIAO-p-6310.html>
- [HF32FA-G Datasheet.pdf](#)
- [3D-printed Enclosure File for your unique customization](#)

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