



ESP32 Relay X4 Module Enclosure with I2C Sensor Integration



Simply Maker

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updated 6. 6. 2025 | published 6. 6. 2025

Summary

ESP32 4 Channel Relay Enclosure with status LED, control button and optional I2C sensors.

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Tags: [box](#) [case](#) [enclosure](#) [relay](#) [esp32](#) [homeassistant](#)
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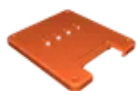
This custom-designed 3D-printed enclosure is made for the **ESP32 4-channel relay module**, ideal for controlling low-power devices in your home or workshop. The design includes space for **status LEDs** and physical **control buttons** to manage each relay manually. You can also add optional **I2C sensors** for environmental monitoring, making it a versatile addition to your smart home setup.

The module integrates seamlessly with **ESPHome** and **Home Assistant**, allowing for easy automation and remote control. This enclosure not only organizes your setup but also ensures a neat and professional installation.

Component List and Wiring Diagram: <https://simplymaker.net/3d-printing/3d-print-esp32-4-channel-relay-module-enclosure/>

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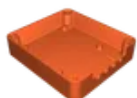
Model files



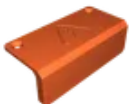
cover-v3.stl



cover-v3-i2c.stl



case-v3.stl



terminal-cover.stl



button-caps-36mm.stl

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