

INDUSTRIAL PRODUCT DATASHEET

Raspberry Pi Relay Board v1.0

A relay shield for Raspberry Pi with four 15A relays, I2C control, and LED indicators.

SKU

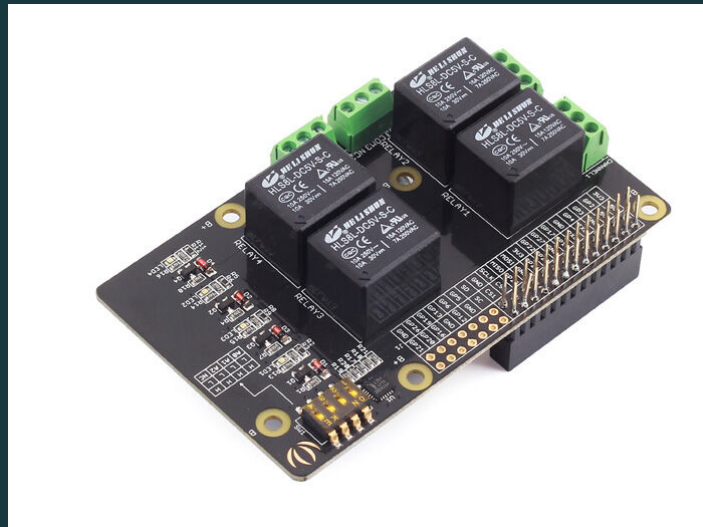
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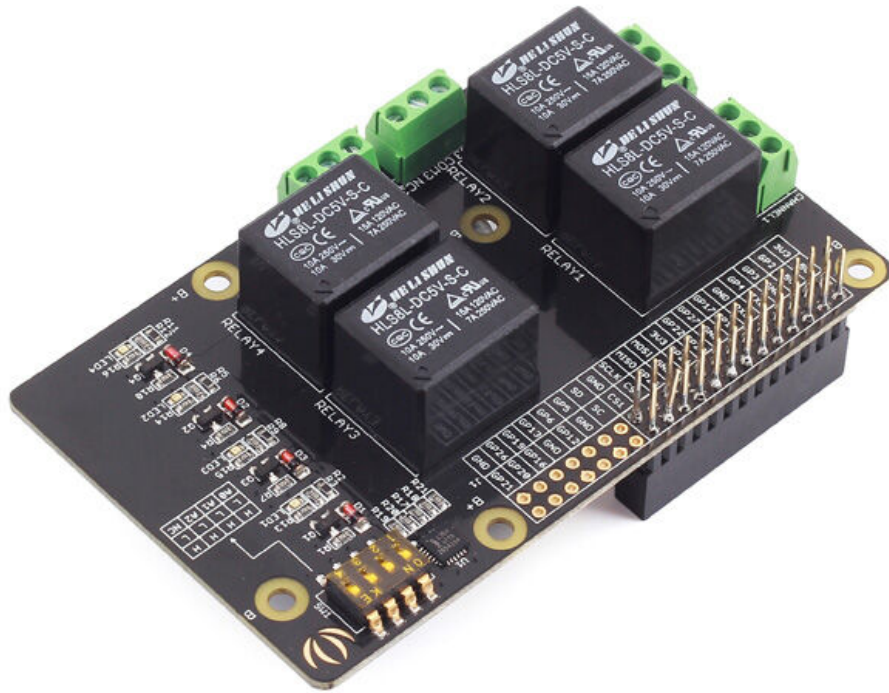
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PRICE

\$24.50(Excl. VAT)



Overview



The Raspberry Pi Relay Board v1.0 is a standardized shield that utilizes four high-quality relays with NO/NC interfaces to control high-current loads via I2C bus. It features selectable I2C addresses, LED working status indicators, and screw terminals for easy connection.

Key Features

Note

When carrying heavy Inductive load for a period of time, the on-board MCU might be down and a reset procedure is needed.

Tip

This product is fully compatible with Raspberry Pi 4 (**1GB, 2GB, 4GB**) and hopes you enjoy hacking with Pi 4 and all of other **Pi 4 accessories**.

The Relay Shield utilizes four high quality relays and provides NO/NC interfaces that control the load of high current. Which means it could be a nice solution for controlling devices that couldn't be directly controlled by IIC bus. Standardized shield form factor enables smoothly connection with the Raspberry Pi . The shield also has four dynamic indicators show the on/off state of each relay.

Features

- Raspberry Pi compatible
- Interface:IIC , Three hardware SW1 (1, 2, 3) select the fixed I2C-bus address
- Relay screw terminals
- Standardized shield shape and design
- LED working status indicators for each relay
- COM, NO (Normally Open), and NC (Normally Closed) relay pins for each relay
- High quality relays
- Working status indicators for each relay

Specification

Compatible:Raspberry Pi ; Other main board via jumpers;

Power supply:4.75~5.5V ;

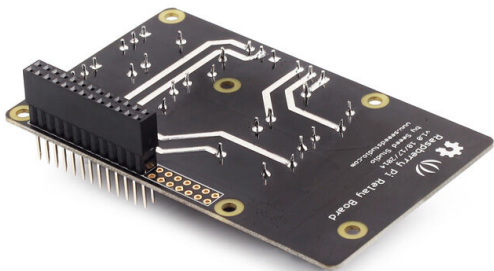
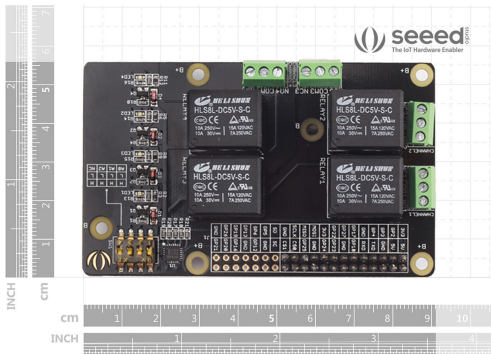
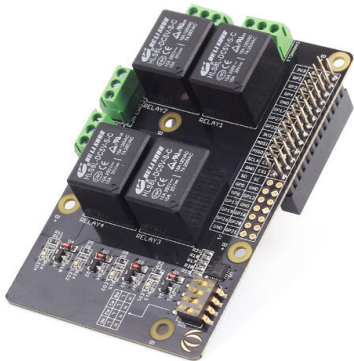
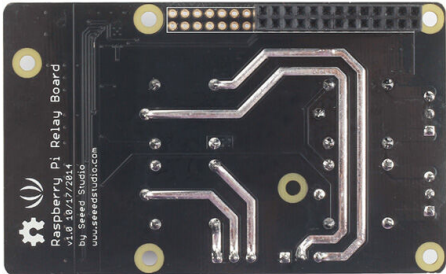
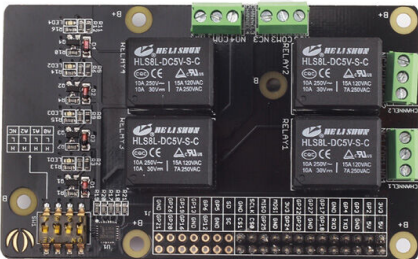
Max Switching Voltage:30VDC/250VAC;

Max Switching Current:15A ;

Frequency:1Hz;

Dimensions:91.20 * 56.15*32mm;

Product Gallery



Part List

Relay Board	1
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Compliance & Logistics



HSCODE	8538900000
USHSCODE	8538901000
UPC	841454100089
EUHSCODE	8543709099
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Raspberry-Pi-Relay-Board-v1-0.html>
- [Raspberry_Pi_Relay_Board_v1.0_sch_pcb](#)
- [Raspberry_Pi_Relay_Board_v1.0_PDF](#)
- [HLS8L Datasheet](#)
- [PCAL9535A Datasheet](#)
- [Python Test Code](#)
- [C# Test Code](#)

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