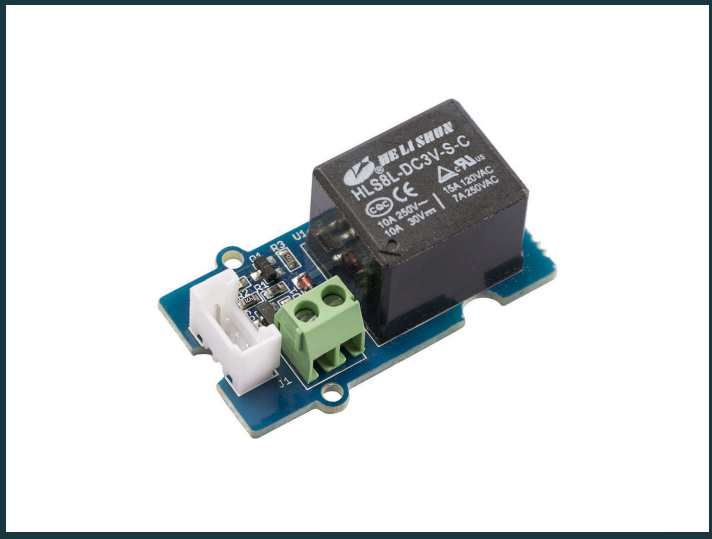
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INDUSTRIAL PRODUCT DATASHEET

Grove - Relay High current 5V/10A small 1-way mechanical relay switch Arduino

The Grove-Relay module is a digital normally-open switch that can handle the current up to 5A at 250VAC for long periods of time.

SKU	UPDATED	PRICE
103020005	2026-11-11 07:47:15	$2.90(Excl. VAT)



Overview



The Grove-Relay module is a digital normally-open switch that can handle the current up to 5A at 250VAC for long periods of time. When the relay is switched on, the LED will light up and the relay will allow current to flow. The peak voltage capability is 250V at 10A. It is widely used in remote control, telemetry, communication, automatic control, mechatronics, power electronics and other fields.

Key Features

01 **Digital-Switch**

It has the advantages of accurate measurement, simple setting, multiple protection functions and fast speed.

02 **Maximum load of a normally open interface**

AC 5v@250V, DC 5v@30V.

03 **Easy to connect**

The easy connection is just with jumper wires, no soldering tools are required.

04 **Change the level state**

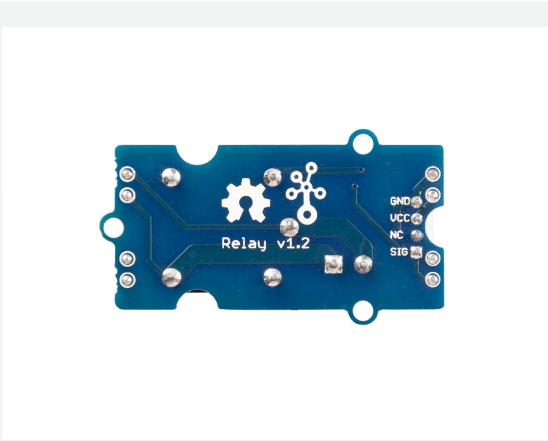
High-level or low-level trigger can be set by wire jumper.

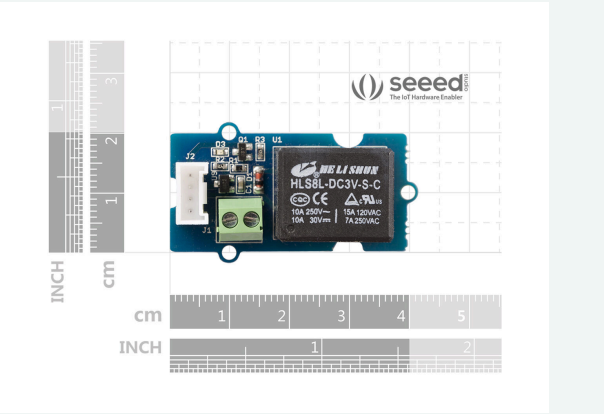
05 **Friendly LED reminders**

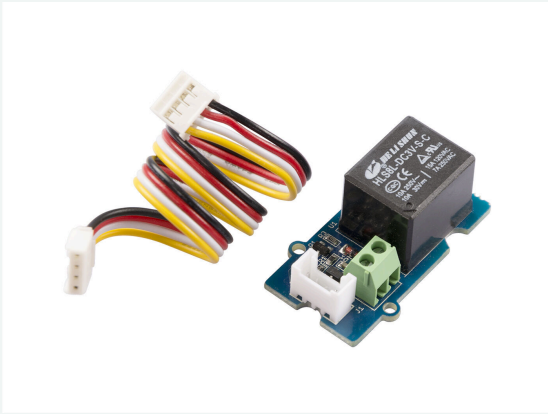
When the relay works, the power prompt light will light up.

Product Gallery









Applications

- Automatic control
- Remote control
- Electromechanical integration
- Home appliance control
- Electrical equipment

Resource Links

- https://www.seeedstudio.com/Grove-Relay.html
- Grove - Relay Schematic and PCB in Eagle format
- Grove - Relay PCB in PDF format
- Grove - Relay Schematic in PDF format
- HLS8-T73 Series Relay Datasheet
- CDC File

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