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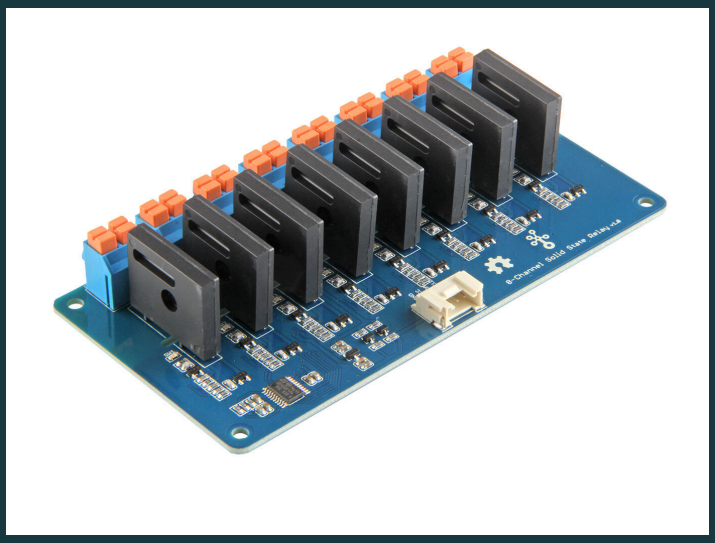
INDUSTRIAL PRODUCT DATASHEET

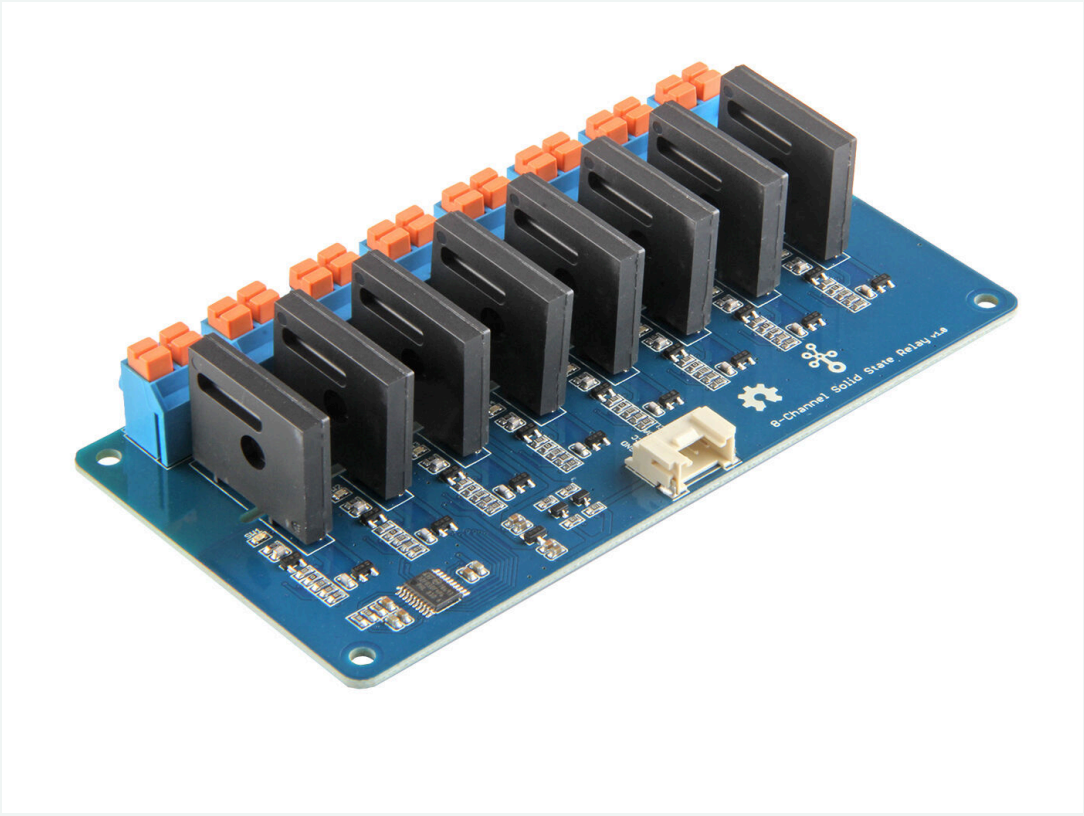
Grove - 8-Channel Solid State Relay

The Grove - 8-Channel Solid State Relay is based on the high-quality G3MC202P module, which allows you to use a 5VDC to control MAX.

SKU	UPDATED	PRICE
103020136	2026-11-11 08:01:18	$87.90(Excl. VAT)



Overview



The Grove - 8-Channel Solid State Relay is based on the high-quality G3MC202P module, which allows you to use a 5VDC to control MAX. 240VAC.

Key Features

01 **High durability**

Solid-state relays have much faster switching speeds compared with electromechanical relays, and have no physical contacts to wear out.

02 **Outstanding safety**

No physical contacts means no sparking, allows it to be used in explosive environments, where it is critical that no spark is generated during switching.

03 **Long lasting**

Increased lifetime, even if it is activated many times, as there are no moving parts to wear and no contacts to pit or build up carbon.

04 **Compact size**

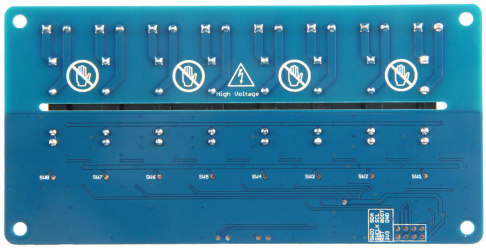
Much smaller than mechanical relays, and can integrate more channels.

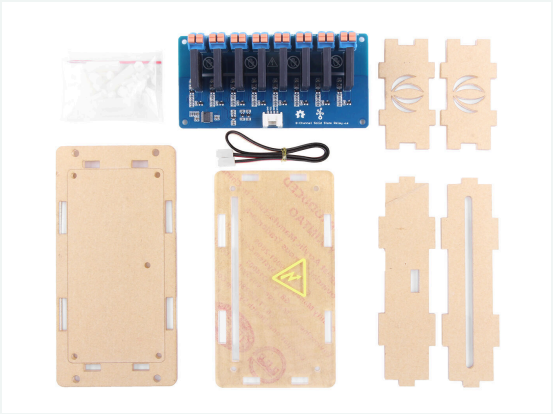
05 **Grove unified socket**

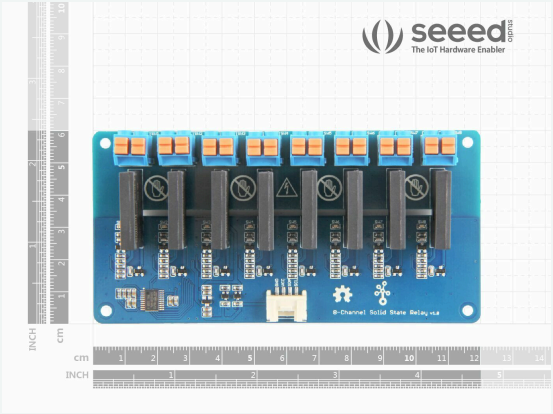
The sensor ensures "Plug and Play" and could be versatile for various applications.

Product Gallery











Applications

- **Operations that require low-latency switching, e.g. stage light control.**
- **Devices that require high stability, e.g. medical devices, traffic signals.:** Situations that require explosion-proof, anticorrosion, moisture-proof, e.g. coal, chemical industries.

Resource Links

- https://www.seeedstudio.com/Grove-8-Channel-Solid-State-Relay.html
- Grove-8-Channel SPDT Relay eagle files
- Multi Channel Relay Arduino Library
- Factory firmware
- Datasheet of G3MC202P
- Datasheet of STM32

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