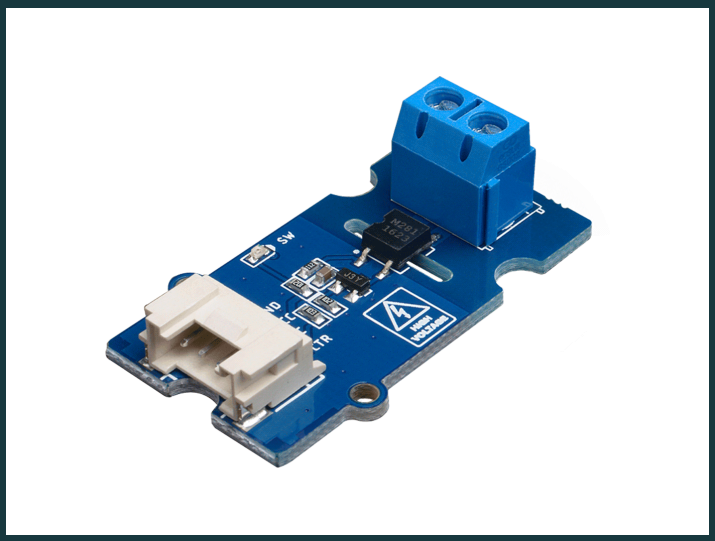
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INDUSTRIAL PRODUCT DATASHEET

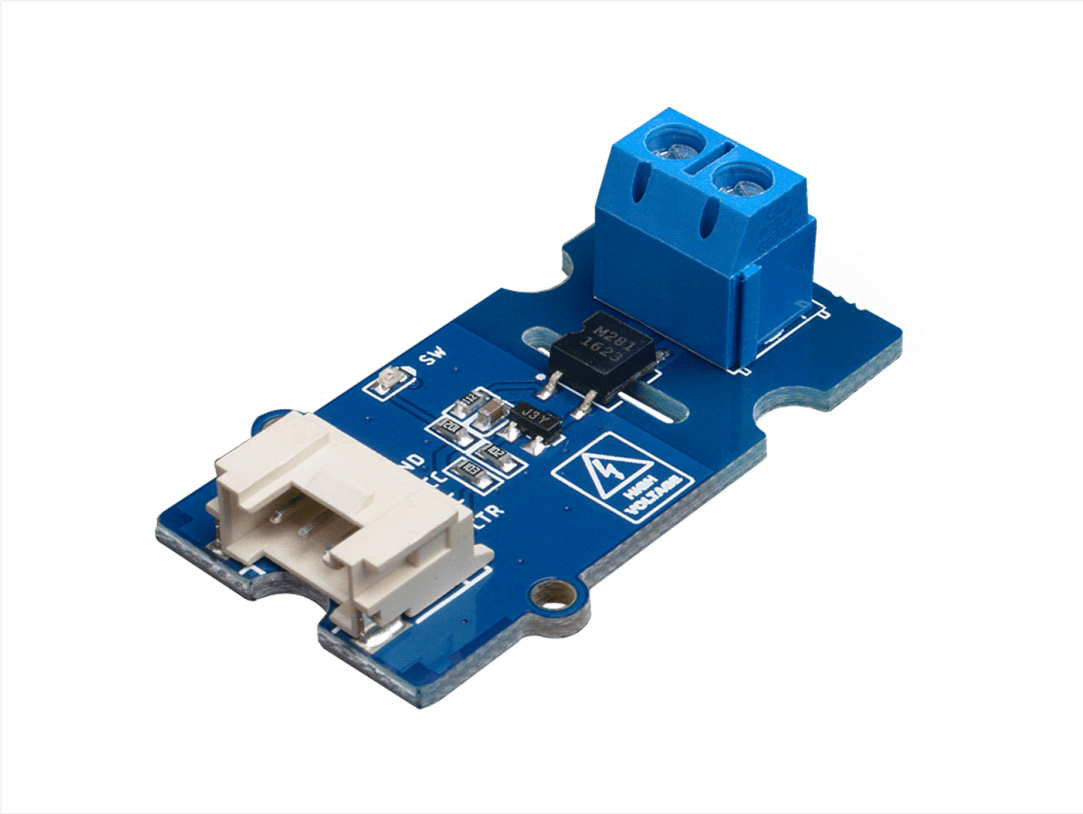
Grove - Optocoupler Relay (M281)

This module is a bi-directional SPSD(single-pole, single-throw), normally open solid state relay(SSR).

SKU	UPDATED	PRICE
101020603	2026-11-11 08:14:56	$6.90(Excl. VAT)



Overview



This module is a bi-directional SPSD(single-pole, single-throw), normally open solid state relay(SSR).

Key Features

01 **Suitable for high power applications**

This device offers very low on-resistance, whic is about 0.5Ω MAX.

02 **Applicable to a wide range of scenarios**

Based on MOSFET, can carry both AC load and DC load.

03 **Low input control current**

Available even at 3mA TYP.

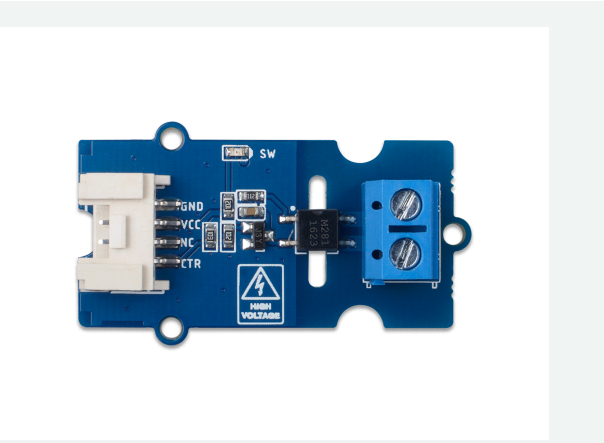
04 **High input-to-output isolation**

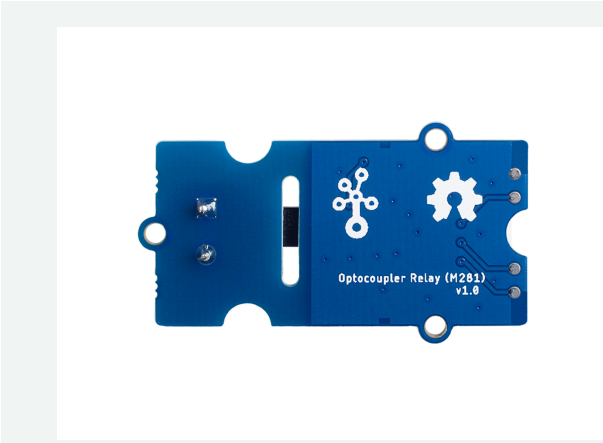
The minimum can be up to 1.5kV.

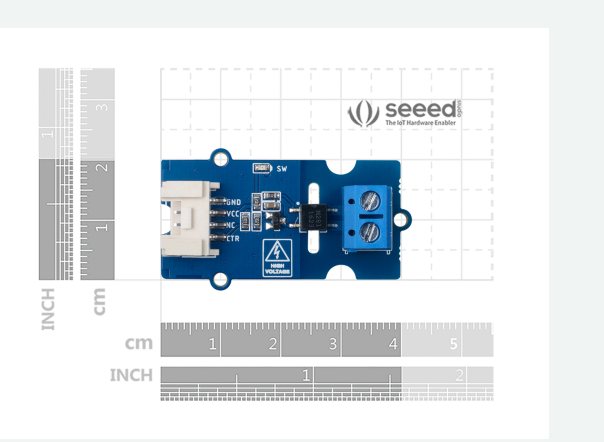
05 **Grove unified socket**

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

Product Gallery







Applications

- Automated Test Equipment
- Meter reading systems
- Medical equipment
- Battery monitoring
- Multiplexers

Resource Links

- https://www.seeedstudio.com/Grove-Optocoupler-Relay-M281-p-2923.html
- Grove - Optocoupler Relay (M281) Schematic file
- M281 Datasheet

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