

RM2V
2 Channel Relay Module
Multi-powering 5,12,24V

General Description

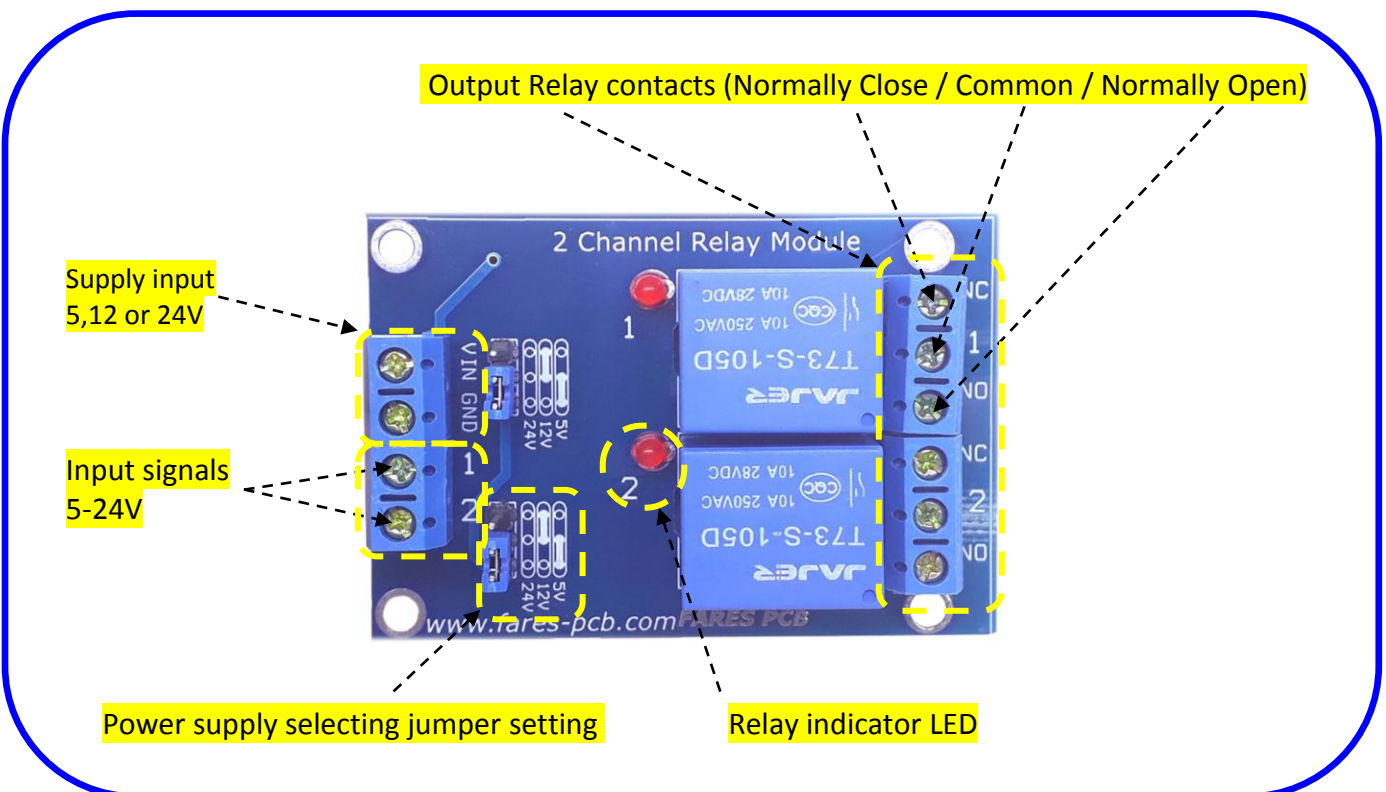
RM2V is a simple cheap Relay driver module. It supports two output relays that can be used to control AC and DC electrical devices such as lamps, motors, locks, solenoids. **RM2V** may be powered from 5V, 12V or 24V DC supply.

Some of possible applications:

- Home Automation
- Lighting Control
- Garden Equipment Control
- Industrial Automation

RM2V key features

- Two output relays rated for 10A contacts (resistive load).
- Various power supply source (5V, 12V, 24V).
- Normally open and normally closed contacts are available.
- LED indicator for each relay status.
- Dimension: 64 x 43 x 17 mm.

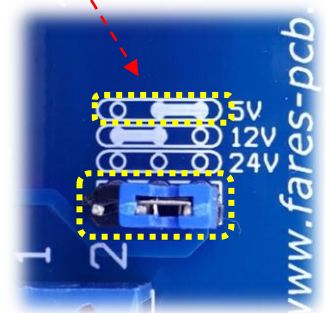
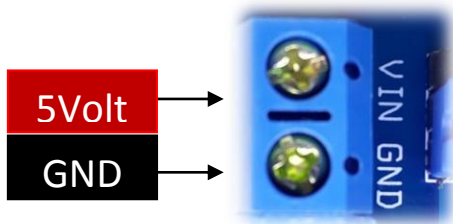


RM2V Module

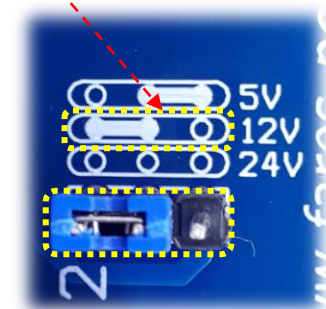
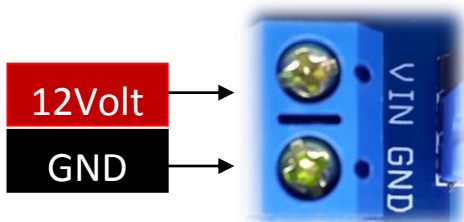
Power Supply Selecting

RM2V Card can be powered from 5V, 12V or 24V supply 500 mA minimum current via screw clamp terminal labeled (VIN, GND).

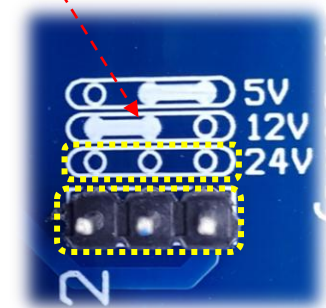
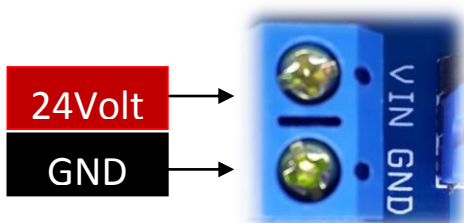
To power card from 5V power supply, set all jumpers to 5V position as seen in figure below.



To power card from 12V power supply, set all jumpers to 12V position as seen in figure below.



To power card from 24V power supply, set all jumpers to 24V position as seen in figure below.

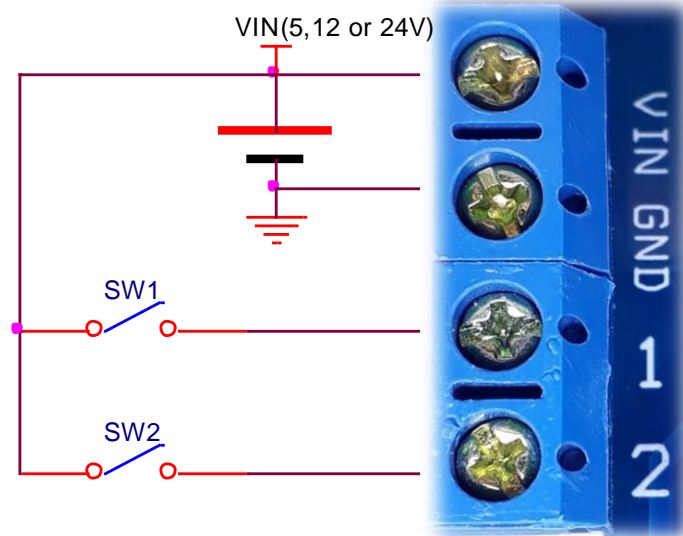
**Caution:**

In case of powering card from 24V supply, **RM2V** module radiates high temperature. Avoid touching card while powering it.

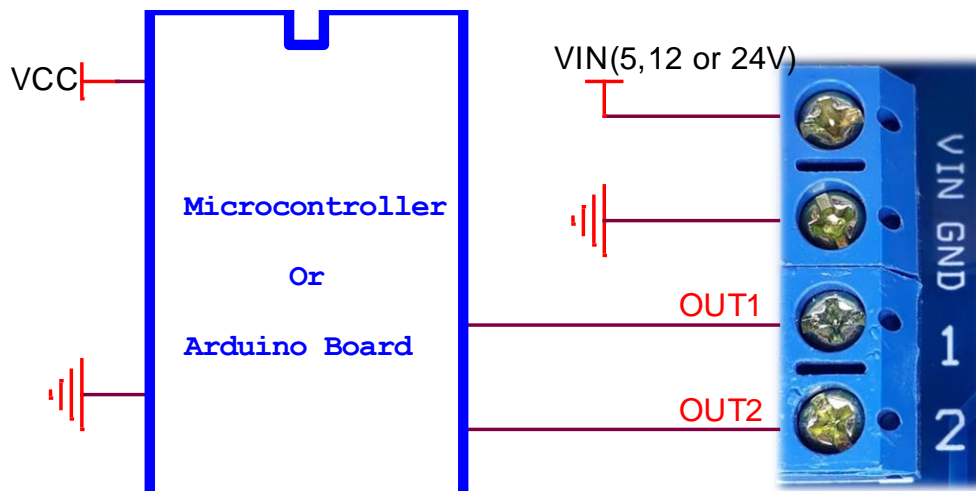
Inputs

RM2V has two inputs that can be derived from any TTL logic source or any voltage in the range from 5 to 24 volt.

Example of connecting a dry contact input switches.



Example of driving relays from microcontroller or Arduino board.



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