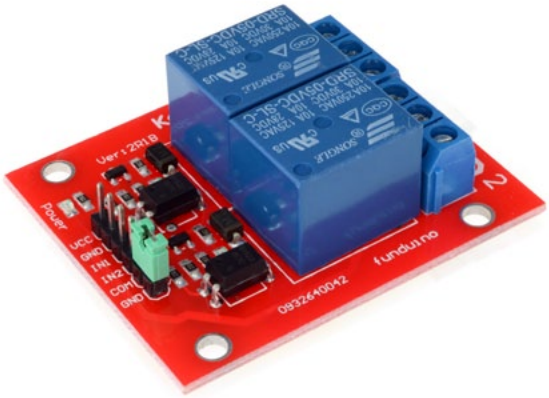
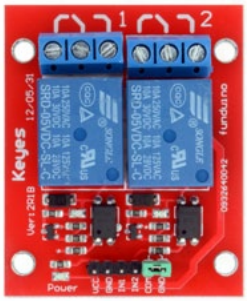
ARD 2 Arduino Compatibles

Controllers, Shields, Modules & Sensors

2 Channel High Voltage Relay Module ARD2-2005

- **Includes optocouplers to ensure your Arduino does not get damaged by reverse voltages**
- **Control high-voltage circuits with an Arduino**





Description

This module can be used to control high-voltage circuits that an Arduino would otherwise not be able to control directly. Instead, you use a low-voltage control signal from the Arduino to control the relay module, which is capable of handling and switching high-voltage or high-power circuits.

Specifications

Voltage	5V
Rated Load	AC: 125~250V/10A; DC: 28~30V/10A
Rated Current	10A(NO), 5A(NC)
Max. Switch Voltage	250VAC, 30V
Weight	32g
Board Colour	Red
Material	PCB
Signal Type	TTL
Dimensions	55mm x 45mm x 18mm

Pinout

Module	Arduino	Function
VCC	5V	Power Supply
GND	GND	Ground Connection
IN1	D7	Relay 1 Digital Control Input
IN2	D8	Relay 2 Digital Control Input
COM (Linked with Jumper)		Ground Connection for Control Inputs
GND (Linked with Jumper)		Connected to GND on PCB

Note: This module is supplied with a jumper link fitted between the GND & COM pins. Normally this is left in place. However, if you require an independent isolated signal ground you can remove the links and connect the signal ground to the COM pin.

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