The Relay Shield provides four high quality relay that can control high current loads to Arduino / Seeeduino boards. It also provides NO (Normally Open) / NC (Normally Closed) interface. It could be a nice solution for controlling devices that could not be directly controlled by Arduino's Digital I/Os. Standardized shield form factor enables smooth connection with Arduino and compatibles. The shield also has four LED indicators to show the on/off state of each relay.

Relays are useful in switching on/off AC appliances like fan, light, motor or high current DC actuators like solenoid valve etc...

Note: Exercise caution when dealing with AC. Get help from certified electrician.

Features
- Arduino/Seeeduino Shield compatible
- Relay screw terminals
- Working status indicators for each relay
- High quality relays
- Provides NO/NC interfaces

Channel1 Interface
- COM1 - Common pin
- NC1 - Normally Closed. Will be connected with COM1 when RELAY1 pin is set low and disconnected when RELAY1 is high;
- NO1 - Normally Open. Will be connected with COM1 when □RELAY 1 pin is set high and disconnected when RELAY1 is low;
- 4 DIGITAL PINS TO CONTROL 4 □RELAYS
- RELAY1-RELAY4 pins could be connected directly with Arduino pin number of 7-4, so that four relays could be easily controlled by the Arduino

For technical support, please post your questions to our forum.

Technical details

Dimensions	100mm x67mm x30mm
Weight	G.W 77g
Battery	Exclude

Operating Voltage	4.75V~5.25V
Operating Current:	8~250 mA
Switching Voltage:	250VAC/30VDC
Switching Current:	15A/7A
Frequency:	1Hz
Switching Power:	70W
Relay Life:	100,000 Cycle
ESD contact discharge:	±4KV
ESD air discharge:	±8
Dimension:	68.7 x 53.5 x 30.8 mm
Net Weight:	55±2 g

Part List

Relay Shield v3.0	1

ECCN/HTS

HSCODE	85364110

USHSCODE	8473.30.5100
UPC	841454104087