RELAYv1.0 Datasheet

The RELAYv1.0 is provided as a wide input range relay board.

Most development environments provide a 3.3V output but sometimes utilize higher voltage I/O lines (Arduino is 5V I/O, Raspberry Pi is 3.3V I/O). This board can support any voltage I/O lines up to 5V.

Features:

- Power/IO: 3-5V
- 49V, 2A contact ratings

- SparqEE: http://sparqee.com/
- Relay: http://www.sparqee.com/products/sparqee-relay
- Forum: http://www.forum.sparqee.com/
- Code/Drivers: http://www.sparqee.com/code-cell/

Specification:

Power

- Contact Ratings: 49V, 2A
- Power/IO: 3-5V

Physical

- 31mm x 27mm (1.22" x 1.06")
- Weight: 0.20oz

Operating Temperature

- -40°C to +85°C

Pin Assignment:

Pin	#	Function	Optional/Required	Voltage	I/O
GND	1	Ground connection	Required	0	I
Relay	2	Relay trigger	Required	3-5V	I
Vin	3	Vin	Required	3-5V	I
NC2	4	2 Normally closed	Optional	(see contact ratings)	I/O

COM2	5	2 Common	Optional	(see contact ratings)	I/O
NO2	6	2 Normally open	Optional	(see contact ratings)	I/O
NC1	7	1 Normally closed	Optional	(see contact ratings)	I/O
COM1	8	1 Common	Optional	(see contact ratings)	I/O
NO1	9	1 Normally open	Optional	(see contact ratings)	I/O