Made by: FabioZ93

DC Clapper Switch Datasheet

Board dimensions

- Width: 26 mm (1 inch)
- Lenght: 41mm (1.6 inches)
- Height: 16mm (0.6 inches), from bottom soldering to top of screw terminal block

Absolute maximum ratings

Values over these maximums can lead to product's destruction.

Values under these minimums can lead to malfunctions.

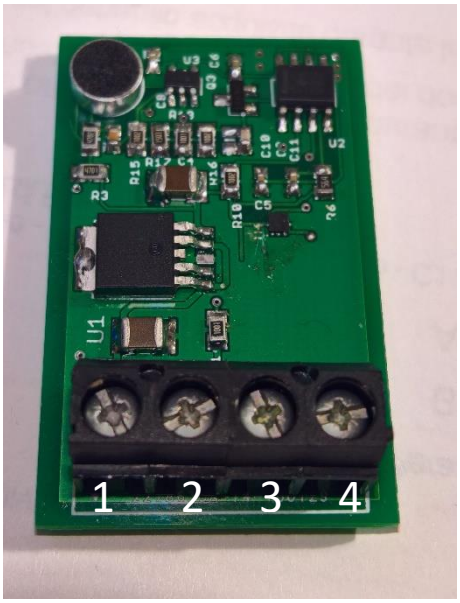
Parameter	Value	Unit
Minimum input Voltage	6	VDC
Maximum input Voltage	30	VDC
Maximum switched current, per single switch	20	A
Maximum power dissipation, without heatsink, per single switch	4	W
On switch resistance	0.005	Ω

NOTE: do not use AC to power the board! This will surely break your board.

Electrical connection

Screw terminal number & function:

1. Power input
2. GND
3. Switch 1 (SW1)
4. Switch 2 (SW2)



Switch 1 and Switch 2 pins are in phase: either they are both closed switch (current can flow to GND) or they are both open switch (current cannot flow to GND).

Those pins, Switch 1 and Switch 2, can be used in parallel to scale current handling up to 40A max.

NOTE: outputs are open drain MOSFETs, not relays.
You can switch loads that are attached to the same DC power line of the board.

Load connection scheme