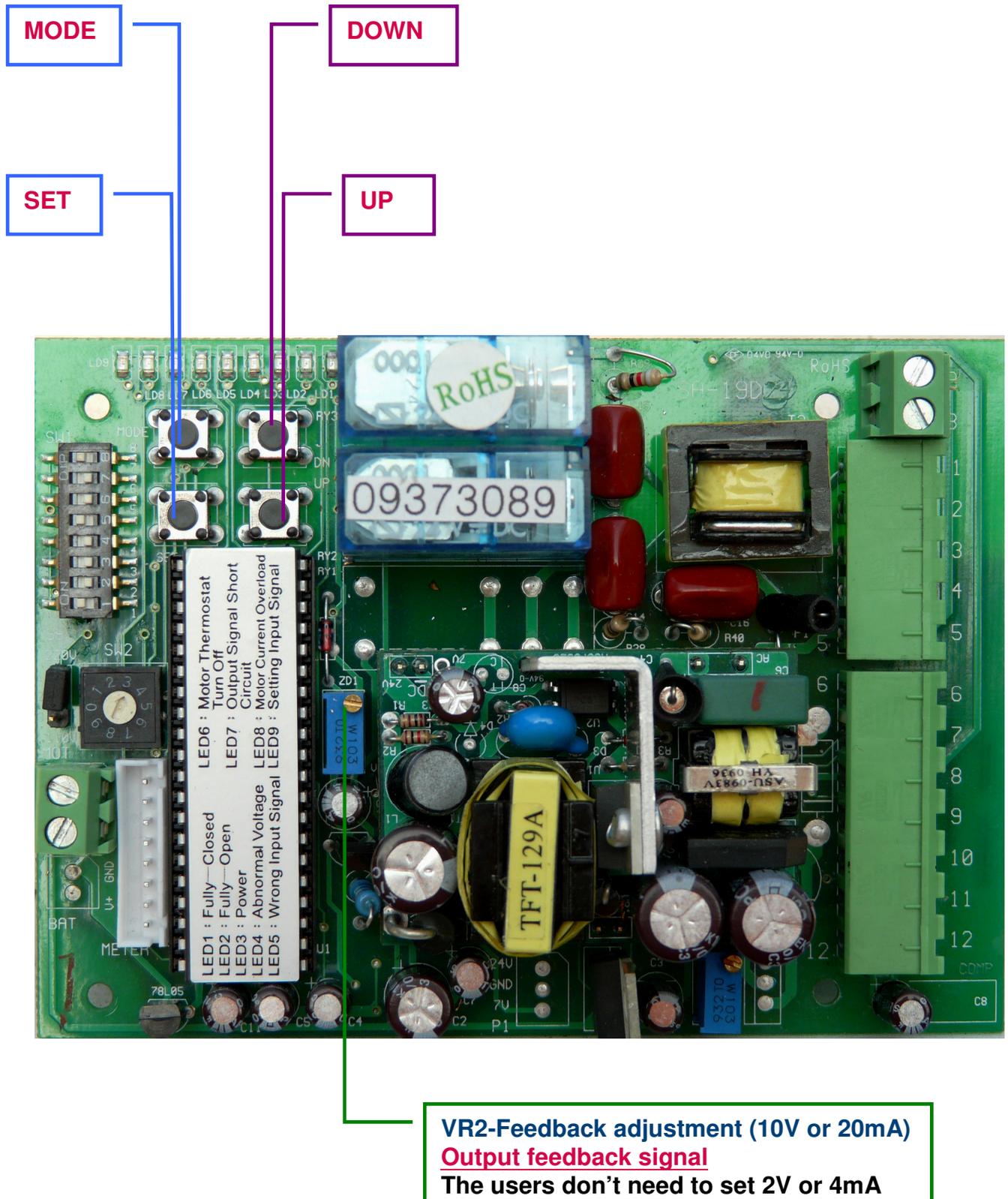


QTS OM 2-12 modulating board



QTS OM 2-12 modulating board

Settings for OPEN and CLOSE

OPEN setting

Keep pressing “**SET**” for 2 seconds, then LED9 comes on, it will enter the manual mode.

Keep pressing “**UP**” and let the actuator run to fully-open, then supply the input signal (5V or 10V or 20mA).

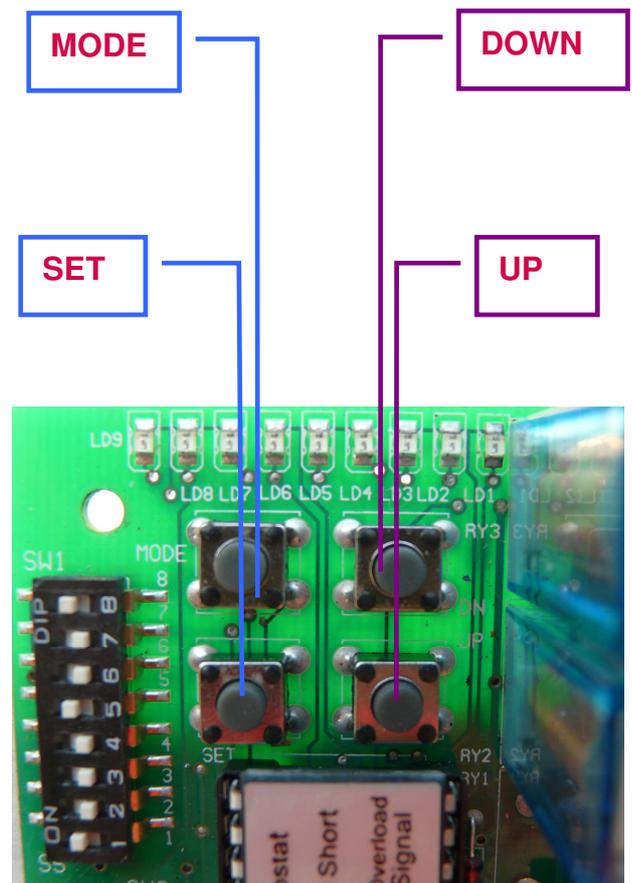
Press “**MODE**” once.

The OPEN setting is finished.

CLOSE setting

Keep pressing “**DOWN**”, let the actuator run to fully-close, and then supply input signal (1V or 2V or 4mA). Press “**MODE**” once. The CLOSE setting is finished.

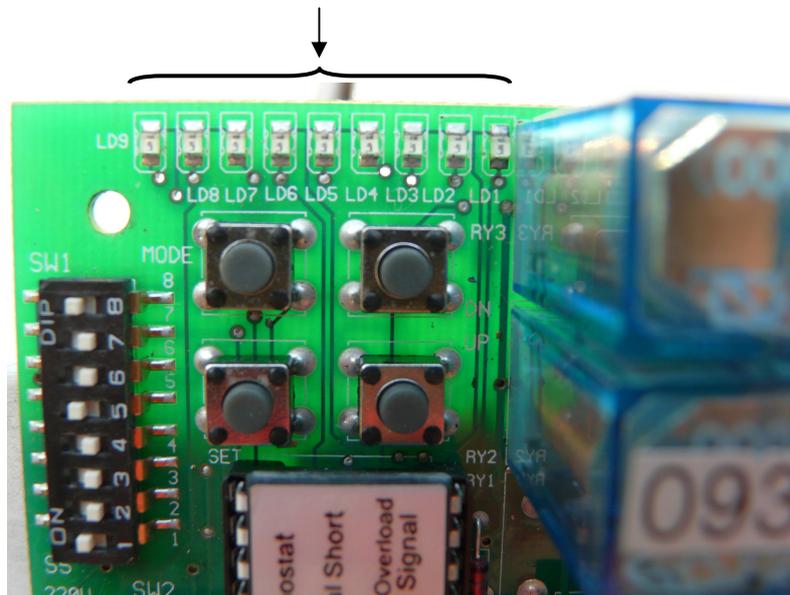
After finishing the above settings, Press “**SET**” once.



QTS OM 2-12 modulating board

Functions

- LED1** : Fully-closed
- LED2** : Fully-open
- LED3** : Power
- LED4** : When the actuator is applied the wrong power supply, LED4 comes ON.
- LED5** : When the actuator is applied the wrong signal, LED5 comes ON.
- LED6** : When the thermostat of motor turns off, LED6 comes ON.
- LED7** : When the output signal is short-circuited, LED7 comes ON.
- LED8** : When the current of motor is overhigh, LED8 comes ON.
- LED9** : When the actuator is operated by manual, LED9 comes ON.



LED4 to LED8

If you have the problems of LED4 to LED8, the board will lock and will not output any voltages, and the LED comes ON at the same time.

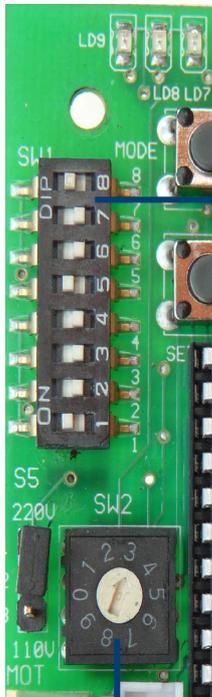
It will be more convenient for users to judge what the problems are and get troubleshooting.

The way to go back to the original status —

Please power off, then power on after 5 seconds.

QTS OM 2-12 modulating board

DIP Switch Setting



8	7	6	5	4	3	2	1	
ON	OFF	OFF	OFF	ON	OFF	OFF	ON	< Factory setting
						OFF	ON	4-20mA input
						OFF	OFF	1-5V input
						ON	OFF	2-10V input
			OFF	ON	OFF			4-20mA output
			ON	OFF	ON			2-10V output
		OFF	20mA / 5V / 10 V means Valve fully open					
		ON	20mA / 5V / 10V means Valve fully closed					
ON	OFF	Close Valve if input signal is disconnected						
OFF	ON	Open Valve if input signal is disconnected						

Sensitivity switch

Factory setting is 3

Lowest setting is 0(9):

Travel can be divided up to around 10 movements

Highest setting 1:

Travel can be divided up to around 50 movements