

4.1.2 When the short circuit cap on NC, it is normally closed.

#### 4.2 Installation

4.2.1 The photocell should be installed more than 20cm above the ground (to avoid reflection), and the distance between emitter and receiver should be more than 50cm.

4.2.2 End user should install the photocell receiver on the back of the direct sunlight or other strong light source(+5-) to keep photocell work well steadily.

4.2.3 Avoid installing other infrared photocell emitters within the effective distance of receiver.

4.2.4 If the end user need to install other photocells in one same straight line, the receivers could be installed in the two ends and the emitters could be back-to-back installed.

4.2.5 Stable installation could avoid the signal of emitter and receiver skewing due to lightly vibrate and the malfunction.

4.2.6 When the product is install in some place with angle, end user could adjust the PCBA to make the installation better.

4.2.7 Connect the power after the inspection, when short circuit cap at NO, After the battery is installed on the LED lamp of the transmitting module, the LED lamp lights up for 0.5 seconds and then goes out, receiver module LED turns on, receiver module contact at off; when make the cap of emitter and receiver in alignment, receiver module LED is off, NC/NO is on; when something or someone shelter the sensor, receiver module LED will turn on, NCNO contact is off. When short circuit cap at NC, the state of NO/NO is opposite to the above phenomenon.

#### Installation Pictures

