

ADJUSTABLE FREQUENCY INFRARED SENSOR

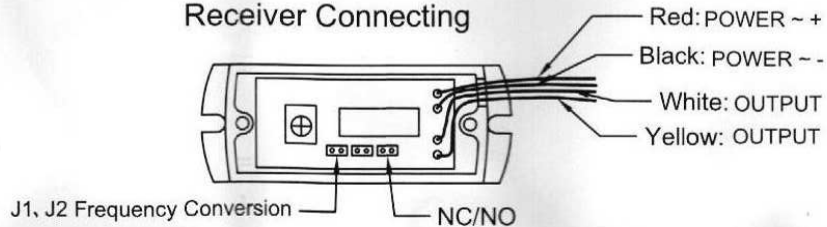
Usage manual

TECHNICAL SPECIFICATIONS

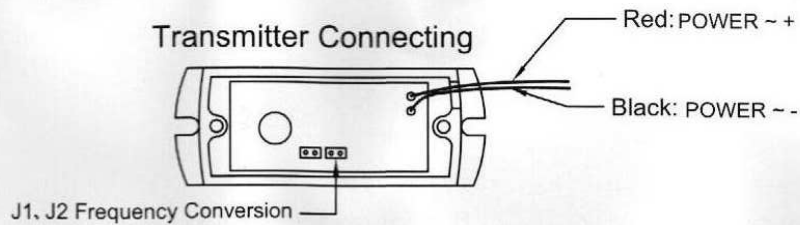
Technology	:Active infrared beam
Receiving range	: $\leq 15m$ (Receiving range may reduce by 30% in bad weather conditions such as rain, more dust etc.)
Frequency	:38KHz
Input power	:9-16V DC/AC
Wave length	:940nm
Input current	:R—18mA;T—20mA
Operating temperature	:-25°C to +55°C
Relay output	:1A 36V max
Dimensions	:69.5 x 26.4 x 22.5mm

CONNECTING THE SENSOR

Receiver Connecting

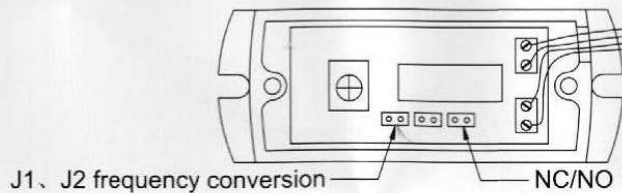


Transmitter Connecting



Short-circuiter Adjustment Description:

J1、J2 as frequency conversion,transmitter and receiver corresponding to 4 channels adjustable.J3 is NO/NC adjustable,when in NC status J3 is ON,when in NO status J3 is OFF.



Installation:

The best installation height should be more than 20cm,installation distance should be not less than 1m;infrared protection device should be vertically placed,and in the same horizontal line.First,please install the receiver,then the transmitter(when in a straight line,RED light of receiver goes out),then fix,connect line and complete installation.

Attention:

- 1.Avoid direct sunlight
- 2.Pay attention to the direction of installation

