

# HC-123

Sensor on/off via the opening and closing of the door



## Instruction

### Welcome to use HC-123 IR sensor!

HC-123 is a short distance IR sensor. Its ON or OFF is controlled by the opening and closing of the door. When you open the door, the sensor detects the motion and turns on the lights. The lights will be switched off until the door is closed.

#### SPECIFICATION:

Power source: 220-240V/AC

Rated Load: Max.500W

Power Frequency: 50/60Hz

200W

Rated Current: 5A

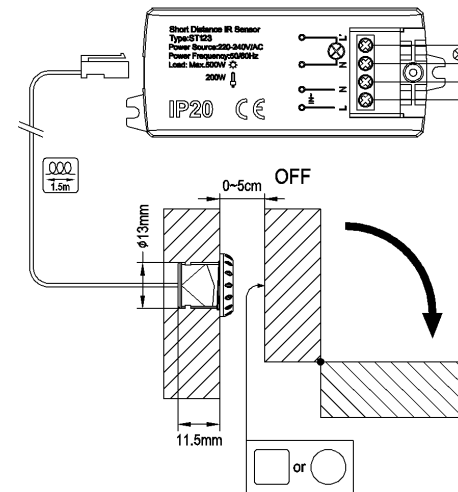
Working Temperature: -20~+50°C

Detection Distance: 5-6cm

#### INSTALLATION:

- Switch off the power.
- Install the product on the wall with two enclosed inflated screws.
- Connect the sensor with power supply and the load as per the connection-wire diagram. Then turn on the power and test it.

#### CONNECTION-WIRE DIAGRAM:



1. When the door opening (>5cm), the lights will be turned on

2. When the door opening (<5cm) or being closed, the lights will be turned off

To get better sensitivity, you can paste one silver label as picture on the door facing to the sensor

- Turn on the power.
- When you open the door, the sensor detects the motion and turns on the lights. The lights will be switched off until the door is closed.

**NOTE:** Within the detection field, there shouldn't be any hindered or unrest objects affecting detection.