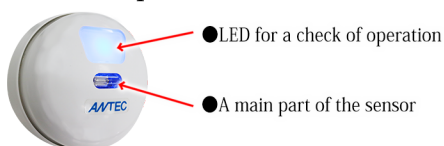


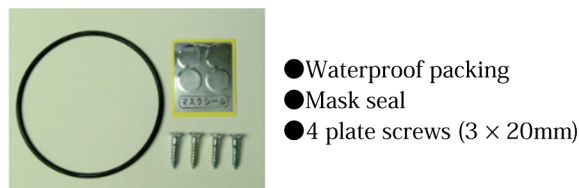
## 1. Explanation:

Arson detect sensor "SKH047M" detects ultraviolet rays contained in a flame speedily, and operates alarm sound outside. It can supervise several sensor from a far distance by the connection ways and by using alarm equipments. Because it is strongly protected against dust and waterproofed(IP64), it can be used under worse environment.

## 2. Names of the parts:



## 3. Accessories:



## 4. Attention:

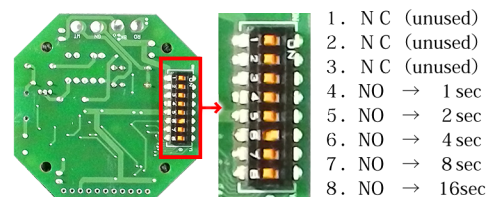
This sensor discriminates whether fire or not by ultraviolet rays included a flame happened. But it is not fire-fighting machine like fire detection machine, fire alarm or fire information equipment. It does not react to heat or smoke. We cannot take any responsibility for damage of any accident which should have occurred; fire incident, accident resulting in injury or death, calamity accident, the usage of mistaken, the defect of maintenance check, or natural disaster, etc.. Please watch out the place to install this sensor, because it sensitively detects ultraviolet rays even from direct light and catoptric light.

Detected except a flame (Cause of Incorrect operation)

- Halogen lamp
- Lamp releases heat like Mercury lamp
- Sterilization and insect-killing light
- The sparks of welding and an electric spark
- Electric discharge phenomenon by thunder
- Other emits an ultraviolet ray

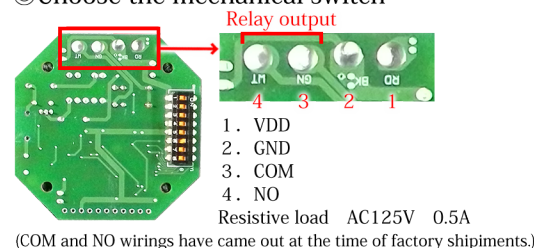
## 5. How to install:

### ◎How to set detection timer and model number

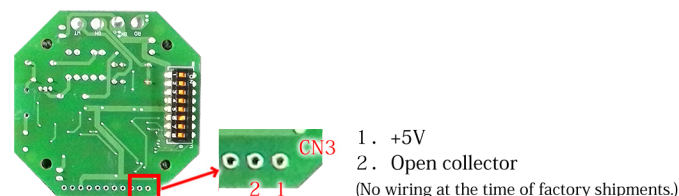


Please connect the pattern corresponding to the rmodel number, BCD code nUJnber.  
Please solder the pattern of a timer to set up.  
(At the time of factory shipment, the timer would be set 4seconds)

### ◎Choose the mechanical switch

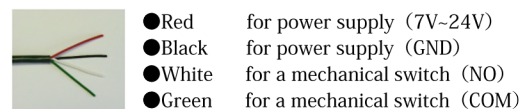


### ◎Choice of a transistor output



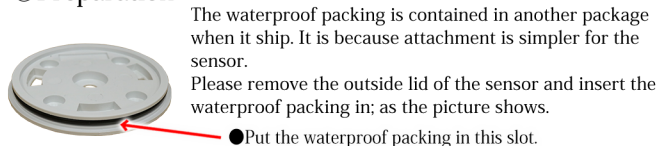
## 6. How to wire

The cables of a power supply and an output have came from the main part of a sensor out about 50cm, because this sensor has a waterproofing function. You should cut them to required length. And then, certainly connect them by pressing and attaching or soldering. There are six electric wires sized 0.2mm<sup>2</sup>. The classification by the color is as follows.



## 7. How to attach:

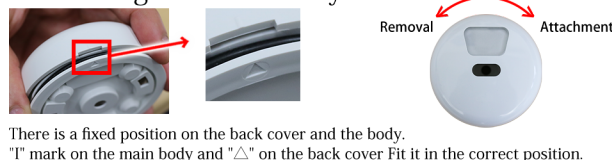
### ◎Preparation



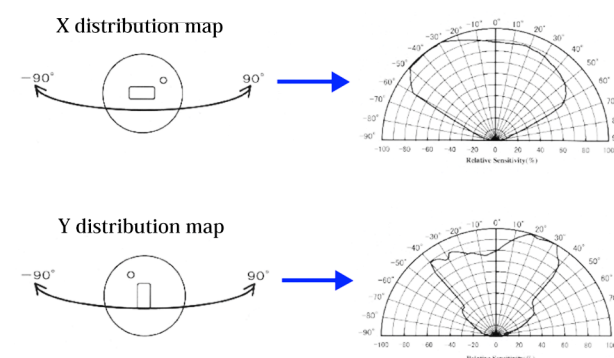
### ◎Fixing the pedestal



### ◎Mounting the lid and body



## 8. The distrib



These distribution maps show the value in darkness.  
Please use for a trial before installation because the detectable range is different in fact by a direct wave and a reflective wave.

## 9. A check of operation

A power supply is switched on.  
Please attach fire, such as a lighter, in the area to check.  
And then, LED lights up and an external output is turned on after the set time passing.  
It is maintained for 30 seconds, while having detected the flame and even after the detection over.  
When a sensor cover is attached, the same operation as the time of flame detection is carried out by the tamper function.  
It will be canceled soon when the cover is returned.

## 10. Others

Please use this sensor for independent equipment.  
Please have periodical maintenance by the specialist.  
Function and specification of the sensor may be changed without a preliminary announcement.

## ANTEC CO.,LTD.

116-3, Mameda, Oku-cho,  
TEL 0869-22-2155 FAX 0869-22-3141  
URL <http://www.antec-japan.net>  
E\_mail [info@antec-japan.net](mailto:info@antec-japan.net)