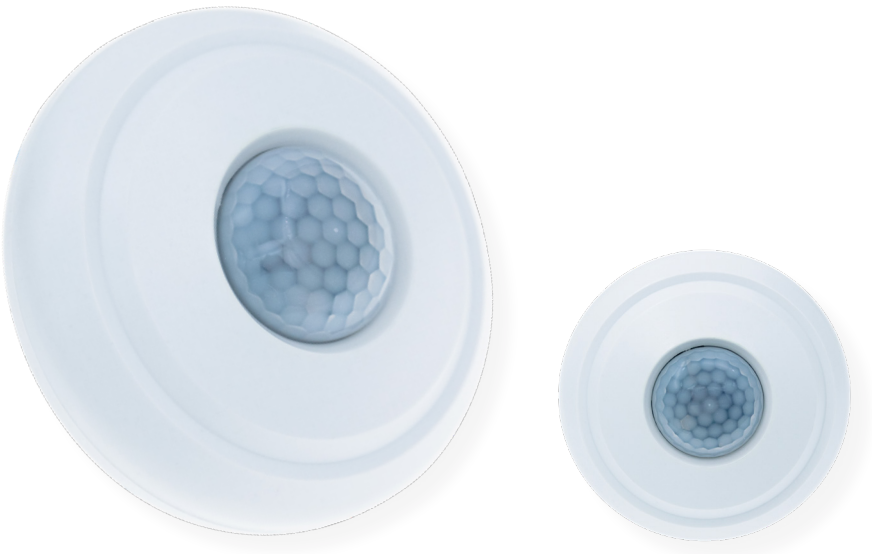
SN-IF04-A

Sensor



SN-IF04-A is the infrared sensor of the SN series. It is widely applied to the automatic switches of the public area lighting in fields of intelligent lighting, smart homes, room control, and security alarm. The extension of work time is adjustable.

Product Model Table

Model	Power	Rated power of load	Installation method	Consumption
SN-IF04-A	220V Power supply	500W (Resistive load)	Surface mounted	20mA@220V

Technical Parameters

No.	Item	Parameter
1	Consumption	20mA@220V
2	Power	220V power supply
3	Rated power	500W (Resistive load)
4	Range of detection	110° (Side view) x 360° (Top view)
5	Operating temperature	-10 to 40°C
6	Storage temperature and humidity	Normal temperature and 0% to 85%RH without condensation
7	Material of cover	ABS engineering plastic
8	Dimensions	95mm x 34mm
9	Installation height	1.8m to 3m
10	Installation method	Surface mounted

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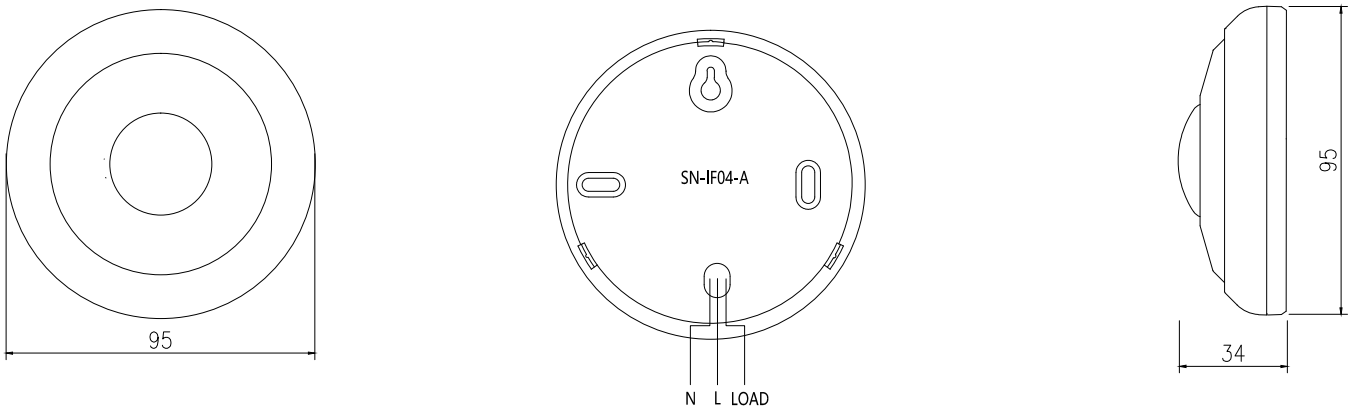
Installation Description

Please follow the instructions defining the terminal block pins on the equipment cover for wiring. The definition of the terminal block pins is shown in the following table. Please disconnect the circuit to prevent electric shock before wiring. Check whether the power supply is within the range of the required voltage before supplying the power for the equipment. The power supply shall not exceed this range, otherwise the module may burn. The installation and placement of the sensor shall avoid direct exposure of sunlight and be protected against moisture and rain.

SN-IF04-A Wiring Pin Definition Table

Name	Marking	Description
N	Blue - Naught wire	220V Power Supply
L	Yellow - Live wire	220V Power supply
LOAD	White - Load line	Connect to the load with 500W of rated power (Resistive load)

Dimensions and Wiring Diagram



Description of equipment indicator

1. Setting of the Delay Closing Gear

0 : 10 second (factory default)
1 : 1 minute
2 : 3 minutes
3 : 5 minutes
4 : 10 minutes
5 : 15 minutes
6 : 20 minutes
7 : 30 minutes
8 : 40 minutes
9 : 60 minutes;

2. The relay immediately closes the output during the detection of people; the timing begins after the detection disappears and the relay is disconnected after the time of the "delay closing" passes; (the timing will reset during the sensing of people within the timing period and start again after the sensing disappears.)