

Package Contents

1. 1 x Low-Voltage Sensor
2. 1 x 6 Port Connector Block
3. 1 x Double Stick Adhesive Tape
4. 1 x Recessed Insertion Adapter
5. 1 x Instruction Sheet



Important Safety Information

Please read these instructions carefully before attempting to install this product. It is advisable to keep these instructions in a safe place for further reference. These products must not be modified; if any modifications are made, it may invalidate the warranty and may render the product unsafe. **This product is for indoor use only. Keep out of moisture and use only in dry rooms.**

- CAUTION :** To reduce the risk of fire, electric shock, or injury to persons:
- a) Use only insulated staples or plastic ties to secure cords;
 - b) Route and secure cords so that they will not be pinched or damaged;
 - c) Not intended for recessed installation in ceilings, or soffits.

The National Electrical Code (NEC) does not permit cords to be concealed where damage to insulation may go unnoticed. To prevent fire danger, do not run cord behind walls, or ceilings where it may be inaccessible for examination. Cords should be visually examined periodically and immediately replaced when any damage is noted.

Instructions

Description

This IR Switch is an exclusively designed for Class 2 installation applications.

This unit has two detection modes which can be changed by pressing the mode change button (on the flat side of the detection module in the small rectangular recess) for 3 seconds while under power. Ensure protection against voltage spikes.

Rated power supply: 12VDC or 24VDC
Load type: 12V or 24V LED luminaries

This item is limited to indoor use only with a working temperature from -4F to +95F.

Function description

This unit has two sensor switch modes:

Mode 1:

Mono-switch: When the target object is in the detecting range, the lamp switches off. When the target object is out of the detecting range, the lamp switches on. (Fridge door mode)

Mode 2:

Bi-switch: When the target object is in the detection range the first time, the lamp switches off. When the target object is in the detection range the second time, the lamp will be switch on. The unit will continue to cycle through off and on with each activation (Hand wave mode).

Detection range

Effective range: 2 inches - 6 inches

The detection range between 2 inches and 6 inches may be slightly different depending on the specific installation methodology and target object material.

Installation

There are two standard installation approaches:

1. Ensure AC power is disconnected during assembly.
2. Install the IR sensor switch in the installation hole with a diameter of 14.5mm (.57 inches) and secure using the included plastic insertion adapter. Ensure the input cable passes through back of the installation hole. (see fig.1)
3. Alternatively, the IR sensor switch may be installed on the mounting surface with the included double stick tape. Ensure the input and output cable are kept close to the installation surface for protection from physical damage. Attention: The end face of the detector must be kept parallel with the edge of the installation surface. (see.fig2)
4. The Voltage Output lead is then connected to the 6 port connector block allowing a combination of up to 5 individual lights or runs of light strips.

Rated Power Supply	Max. Load Power
12Vdc	15W
24Vdc	30W

Voltage In



Voltage Out

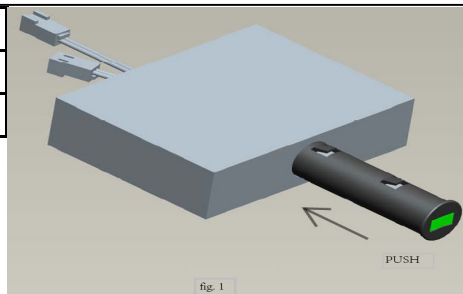


fig. 1

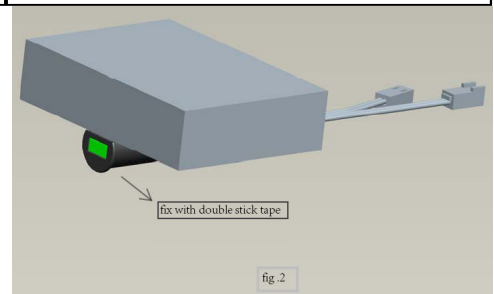


fig. 2