



Infrared Proximity Sensor for 12 V and 24 V

Product # 12624601

DESCRIPTION

Infrared Proximity Sensor is primarily a door contact on/off switch: open the door and lights turn on, close the door and lights turn off.

Secondary function available to act as a simple on/off motion activated switch only.

How IR Proximity Sensor Works:

Option #1 - Door Contact Switch

Automatically switches on and off the lights connected to it when a door or drawer is opened or closed. Installation of the sensor is located at the front of cabinet or drawer at a distance of 50 mm or less.

Option #2 - On/Off Switch

The setup from automatic door sensor to on/off switch can be changed by pressing the key for three seconds.

For the ideal operation of IR 12/24, it is recommended that it not be used for white reflecting objects, as well as shiny or reflective surfaces.

Option #3 - Simple Mode + Dimmer On/Off Switch

Automatically switches on and off the lights connected to it. Simply approach the sensor with your hand or keep your hand steady in front of the sensor to vary the light intensity.

ADVANTAGES AND BENEFITS

- Easy surface-mount installation with two-sided tape option - Can be installed flush with the board by making a hole 9/16 in (14 mm) in diameter and at least 2 1/2 in (63 mm) deep - Easy installation to control lights - Plug-and-play, quick connect feature - No hard wire or cutting of wires - Surface or recess installation

TECHNICAL SPECIFICATIONS

Product #	12624601
Lighting Type	LED
Control System	IR
Operation	Proximity
Sensor Type	Infrared
Tension (V)	24 V, 12 V
Style	Contemporary
Finish	White
Mounting	Recessed, Surface
Length	2 7/16 in*
Diameter	9/16 in*
Recess Depth	2 15/32 in*
IP	IP20
Application	Closet
Material	Plastic
Features	With Integrated Infrared (IR) Switch

Disclaimer

Measures shown with an asterisk (*) have been converted as per your preference. These are not the official measures. To view the measures specified by the manufacturer, [click here](#).

IMPORTANT INFORMATION

Maximum installation distance of 50 mm for door contact. - Input/output 12 V dc max. 36 W - Input/output 24 V dc max. 72 W When set to the second option IR ON/OFF, the device turns the lights on and off, simply by bringing your hand within 5 cm of the sensor. For a perfect operation of IR 12/24, it is recommended to avoid use of white reflecting objects, as well as shiny or reflective surfaces. On/off control occurs on low voltage side with prescribed power supplies and lights.

INCLUDED PRODUCT(S)

- 79 in (2 m) long cord and terminal block included for connecting 12 V and 24 V LED lights

APPLICATION

- To be used with our line of 12 or 24 V dc lights, exclusive to Richelieu, from Italy

DISCLAIMER

This switch functions with 12V Group A or new 24V. Just note the difference in max wattage for each system Use prescribed power supply and lights only Indoor use only

