

DC 12V/24V Infrared Body Sensor Switch

SEN0522

Product Overview

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Description

DFRobot DC 12V/24V Infrared Body Sensor Switch adopts an infrared detection way to control load switch. This sensor switch offers a detection range of 5m to 8m, high sensitivity, and reliability. The infrared body sensor switch has an adjustable delay function, and the input and output voltages are the same. Typical applications include various automatic induction electrical equipment such as large bookcases, corridor lighting, light strip control, security products, and industrial automation control.



Features

- Detection range of 5m to 8m
- High sensitivity and reliability.
- Adjustable delay function

Specifications

- 3V to 32V power supply voltage
- 3V to 32V output voltage
- 5m to 8m sensing distance
- 60 degrees sensing angle
- <1W static power consumption
- <6A output current
- 1min to 10min delay time
- -20°C to 60°C working temperature range
- Output power:
 - 12V: <72W
 - 24V: <144W
- Dimensions:
 - L76*W45*H35 mm / 2.99*1.77*1.38 inch
- Packing Size:
 - L104*W64*H41 mm / 4.09*2.52*1.61 inch
- 50g weight

Applications

- Automatic induction electrical equipment
- Large bookcases
- Corridor lighting
- Light strip control
- Security products
- Industrial automation control

Mouser Part Number

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To learn more, visit

<https://www.mouser.com/new/dfrobot/dfrobot-infrared-body-sensor-switch/>