

SYCAMORE

SY2498SD Pulse Connect Single Door Sensor

Product description

Model	Working voltage	Rated load	Hole size	Sensing distance	Working temperature	IP rate
SY2498SD	DC12V/24V	See driver maximum load	12.2mm	4-6 CM	-20°C to 40°C	IP20

Note: The sensor distance varies depending on the material of the doors used. Use the supplied stickers on the back of the door to ensure consistency in the function of the product.

Product application

The Single Door Sensor Switch is designed for use inside cabinets and wardrobes. The light will automatically switch on when the door is opened and switch off when both doors are closed. The product can be recessed, or surface mounted using the supplied bracket.

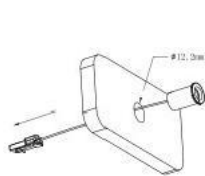
Product function

Soft start function. When door is opened, the light will turn on, when closed, the light will automatically turn off.

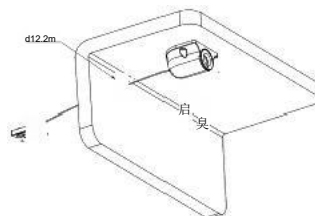
Installation precautions

- Please read these instructions before installation. For best results, installation should be carried out by a qualified electrician.
- Ensure the LED light and this product are connected to a suitable LED power supply first. Do not connect them directly to the mains; this may cause damage and will invalidate the manufacturer's warranty.
- There are no user-serviceable parts inside this product. Do not remove cables or open the cover, as this may cause damage and will invalidate the warranty.
- Suitable for dry environments.
- The manufacturer accepts no responsibility for damage caused by improper use or incorrect wiring contrary to the product's design.

Recommended installation method



Recessed Installation



Surface Mounted Installation



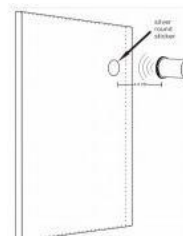
1.1 Two installation methods are shown in the diagram above:

Concealed installation using a $\varnothing 12.2$ mm hole.

Surface (exposed) installation fixed with 3M tape and screws.

1.2 Infrared sensor performance is affected by the smoothness, colour, material, and other characteristics of the surface. Different reflective materials may require different distances from the sensing probe.

A silver round sticker is supplied to resolve sensing failures on difficult surfaces: apply the sticker to the corresponding target area to ensure normal operation. Select and position it according to the actual installation conditions.



SycamoreLED.com

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Technical helpline: (+44) 113 286 6686

*Please email sales@sycamoreled.com to register your product

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Wiring diagram

Insert the sensor switch into the terminal on the ELD driver, then connect the LED lighting to the drivers as shown.

