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|-------------|--|-----------|--|------|--|
| Project | | Catalog # | | Type | |
| Prepared by | | Notes | | Date | |



Greengate

PPS-5 – Outdoor Contact Input Photosensor

Allows control of lighting levels based on how much natural light is present and is intended for outdoor use

Typical Applications

Office • Education • Healthcare • Hospitality • Retail
Industrial • Manufacturing • Outdoor

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Top Product Features

- The Outdoor Contact Input Photosensor is a system accessory for Greengate Lighting Control Systems. It allows control of lighting levels based on how much natural light is present and is intended for outdoor use.
- This system accessory is used in conjunction with a lighting control panel to switch circuits ON or OFF based on outdoor light levels. The Outdoor Contact Input Photosensor connects to the control panel low voltage switch inputs
- The photosensor constantly monitors the level of sunlight and provides a signal to the lighting control panel when the light level crosses the switching threshold
- The Outdoor Contact Input Photosensor turns ON in the evening when light levels reach 1-3 footcandles and turn OFF in the morning when light level readings reach 1-5 footcandles
- Outdoor light level sensor in weatherproof housing
- Provides contact closure input to lighting control panel when light level drops below threshold
- Extended temperature range for outdoor operation
- May be used to control indoor or outdoor lights

 additional product diagrams

Order Information

This is an accessory for Greengate Lighting Control Systems. It is not an integral part of the system. There is no factory assembly needed.

Catalog Number

| Catalog Number | Description |
|----------------|-----------------------------------|
| PPS-5 | Outdoor Contact Input Photosensor |

Product Specifications

Mechanical

Sensor Size: 3.5"H x 1.25"W x 0.25"D (89mm x 32mm x 6mm)

Environment:

- **Operating temperature:** -40°F to 158°F (-40°C to 70°C)
- For indoor and outdoor use

Housing: Weatherproof Lexan®

Electrical

Input Voltage: 24 VDC

Power supply output: Maximum load 10A @ 24 VDC

Wiring type:

- Moisture proof, color coded lead wire
- Wire length: 6"

Threaded Stem:

- Stem adds 2" to overall height
- Swivel base provides 1/2", 14 thread end that fits 1/2" knock out

Warranty

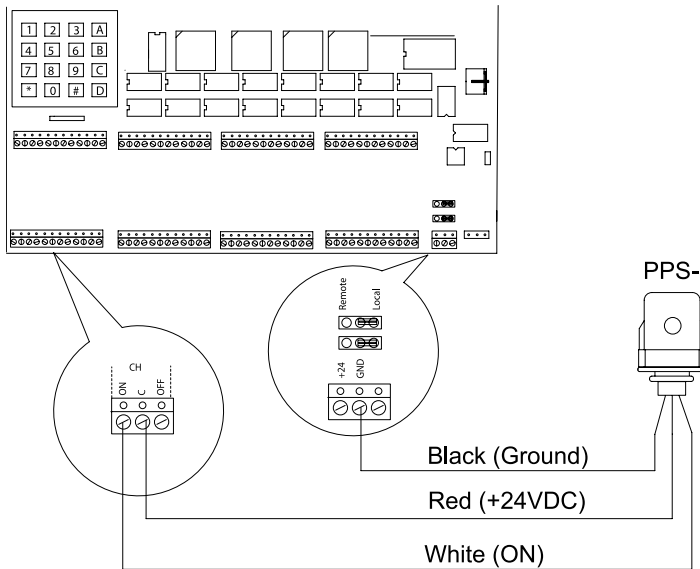
Five-year warranty standard

Installation

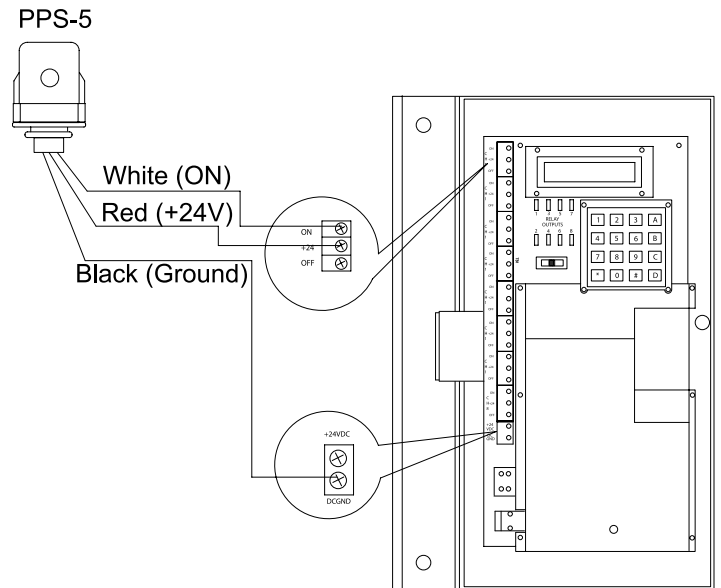
This system accessory will require mounting and wiring at the site.

Wiring Diagrams

LiteKeeper 16 & 32



LiteKeeper 8



 **Control Systems**

• Greengate