

PPS-5 – Outdoor Contact Input Photosensor

Catalog#	Prepared by
Project	Date
Comments	Type

Overview

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. May be used to control indoor or outdoor lights.

Features

- 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



Specifications

Operating Environment	Temperature: -40°F to 158°F (-40°C to 70°C) Suitable for outdoor use
Input Voltage	24 VDC
Output Signal	Maximum load 10A @ 24 VDC
Wiring	Moisture proof, color coded lead wire Wire length: 6"
Housing	Weatherproof Lexan®
Sensor Size	3.5" H x 1.25" W x 0.25" D
Threaded Stem	Stem adds 2" to overall height Swivel base provides 1/2", 14 thread end that fits 1/2" knock out.

Description/Operation

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.

Installation

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

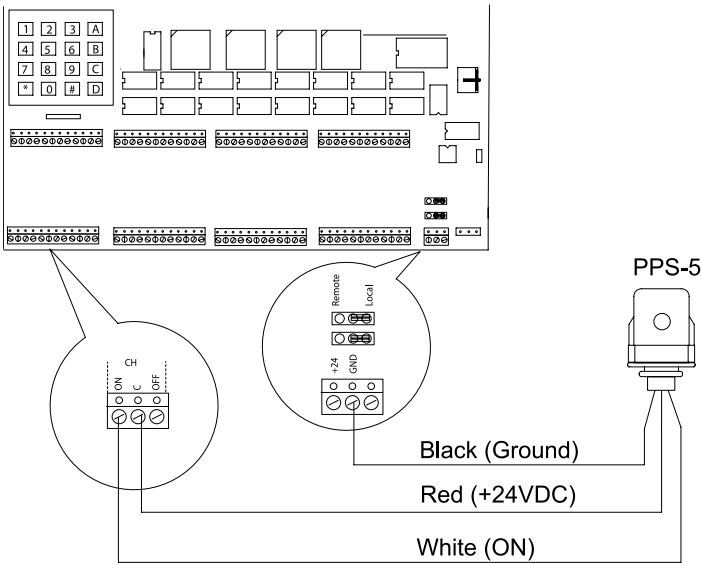
Ordering

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

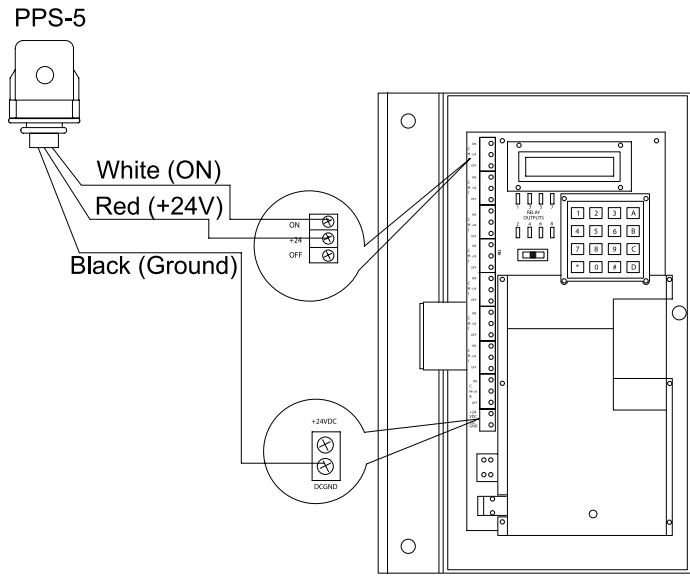
Cat #	Description
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Wiring Diagrams

LiteKeeper 16 & 32



LiteKeeper 8



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