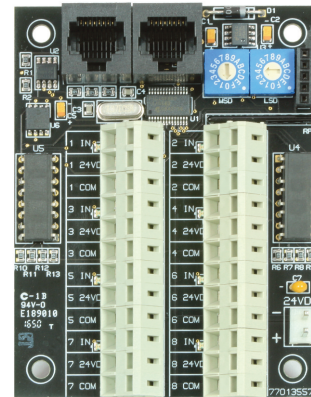




LIGHT Sync COS81

Conditional Occupancy
Sensor 8 Input Module

- Programmable conditional occupancy input
- 8 inputs per module that accept 24V signals
- Optically isolated inputs to protect electronics
- Connect multiple sensors to each input
- Works with major manufacturers 3-wire sensors
- Installs directly onto output board or remotely
- Made in the USA



LightEEDer Common
Add-on Devices

Overview

The LightSync Conditional Occupancy Sensor 8 Input Module (COS81) allows conditional configurations for each of the 8 inputs, and is designed to power and receive signals from multiple occupancy sensors. Each LightSync input allows for conditional statements related to the occupancy sensor inputs and pilots in the module. "AND" and "OR" logic schemes can be configured for each input, allowing users to create overlapping conditionals for multiple occupancy sensor zones within the COS81 module. Each input conditional statement consists of NO/NC closures and LS device pilot status in a 16x16 matrix. The LS device inputs are programmed in the LL panel to control any relay(s), group(s) or preset(s).

Features

General Information

- **8 Conditional** occupancy sensor inputs per module
- **Provides Power** and inputs for occupancy sensors
- **Programmable** conditional logic
- **Accepts 2 wire** maintained or momentary closures
- **Connectors** are non-screw push-to-connect type
- **Switch closure LED** status for each input
- **Optically isolated** inputs to protect electronics
- **Installs** directly onto output board
- **Remote** mounting option for LightSync network
- **Power** from 120/277VAC power supply
- **Software** logic programming provided
- **Made in the USA**

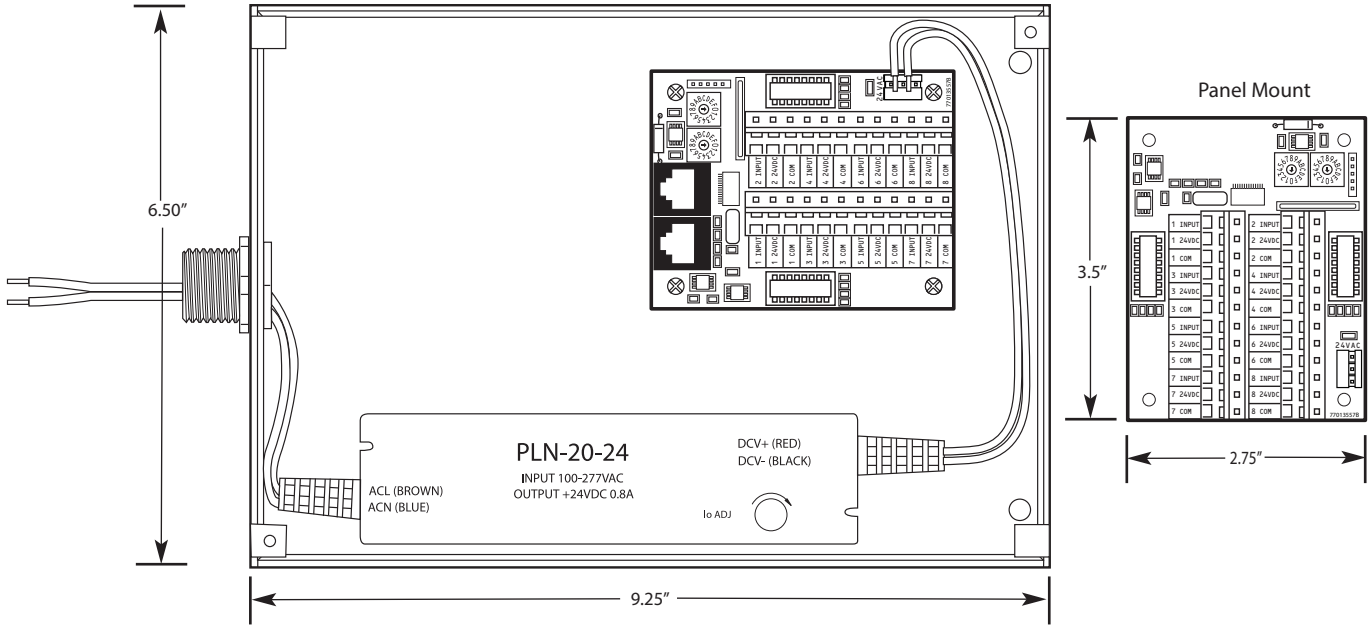


LIGHT Sync COS81

Conditional Occupancy
Sensor 8 Input Module

Physical

Remote Mount



Specifications

Safeguards:

- Optically isolated inputs protect electronics

Physical:

- 2.75" W x 3.5" H
- Easy non-screw push-to-connect connectors
- Digital addressing switches
- RJ45 connectors for remote mounting option

Remote Mount Physical:

- Enclosure: 6.50" x 9.25" x 2.50" with screw cover
- 1/2" nipple for mounting to an electrical box
- 6" wire leads provided for high voltage connection
- Push-to-connect low voltage connections
- Provided with pre-drilled mounting holes

Electrical:

- Electronics powered from LightSync data line
- Sensors powered from 120/277VAC power supply
- Current: 800mA to power sensors
- Voltage: 24VDC
- Current limited circuit

Operating Environment:

- Location: Interior space
- Operating Temp.: 0° to 50° C
- Humidity: 10% - 90% Non-condensing
- Atmosphere: Non-explosive/corrosive
- Vibration: Stationary

Certifications and Approvals:

- FCC Part 15
- UL

Ordering

