

## LIGHTOLIER® CONTROLS

## ILS-8-IO

### Low-Voltage AV Interface with 8 Open Collector Inputs and Outputs

#### Project:

#### Location/Type:

#### Description

The ILS8IO Contact Interface is an optional module that provides up to 8 input and output open collector contacts for use with Lytemode® and IntelliSight®-enabled systems. This interface does not require an additional Lytemode® master station for programming or operation. The ILS8IO interface includes a standard four-inch square electrical junction box for easy installation.

#### Features

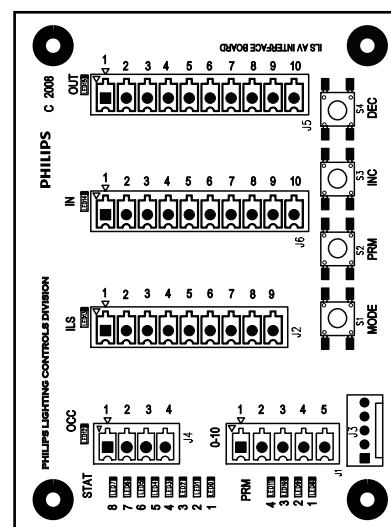
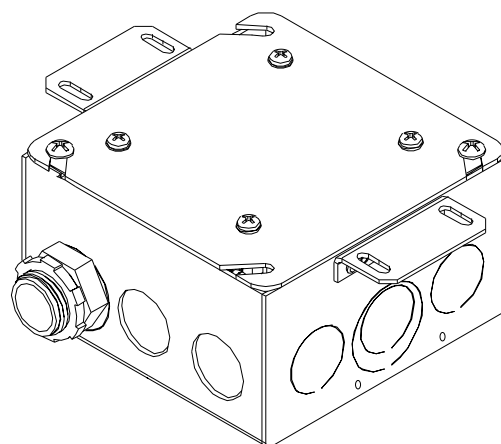
- Compact size for easy installation (surface or recessed).
- No additional master station for programming or operation.
- Provides 8 separate input and output open collector contacts.
- LED indicators for programming, operation, and status.
- Connects directly to any Lytemode® or IntelliSight® lighting control systems.
- Can be programmed manually (at device), through Lytemode, or via Lytemode Designer Suite.
- Optional 4-relay auxiliary card (ILS4RL - sold separately).
- Can be used as an interface for occupancy / daylighting sensors, alarm systems, or any system requiring open collector contact closures.
- Non-volatile memory retains settings in the event of a power loss.
- Made in the USA.

#### Specifications

The ILS8IO shall provide eight (8) momentary or latched open collector inputs and eight (8) momentary or latched open collector outputs to control any Lytemode® or IntelliSight® system presets. The device shall not require a button station for programming, addressing, or operation. The ILS8IO shall connect directly to, and receive its power from, any Lytemode® or IntelliSight® system. The device shall include a standard four-inch square electrical junction box. As an option, an ILS4RL can be added for 4 dry input / output relay contacts.

#### Ordering Info

Model	Description
<b>ILS8IO</b>	<b>Lytemode 8 Input / Output Contact Interface</b>
<b>ILS4RL</b>	<b>Lytemode ILS8IO 4-Relay Auxiliary Card (sold separately)</b>



**ILS8IO 8 Input / Output Contact Interface**

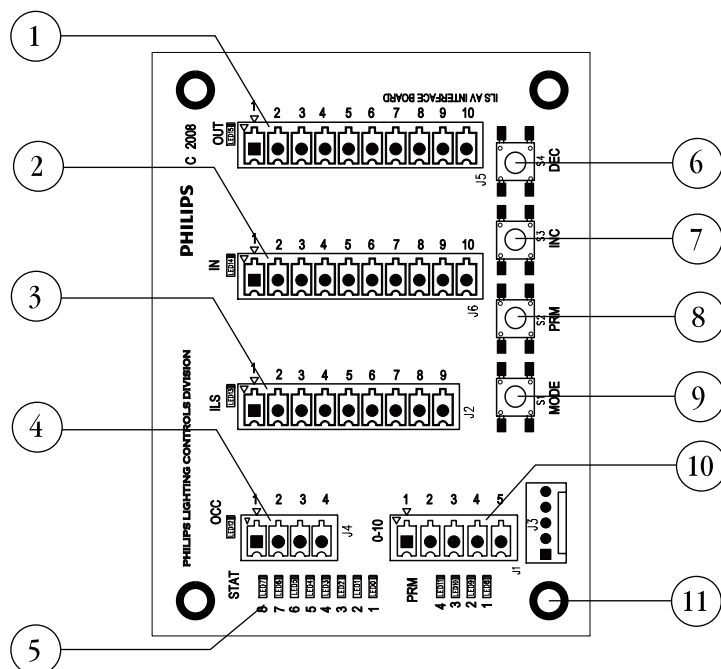
(Note, illustrations are not to scale)

# LYTEMODE® 8 INPUT / OUTPUT CONTACT INTERFACE

Product  
Specifications

## Components

ILS8IO 8 Input / Output Contact Interface (Card only - enclosure not shown for clarity)



1. 8 Momentary or Latched Open Collector Outputs
2. 8 Momentary or Latched Open Collector Inputs
3. Lytemode ILS System Connection
4. IntelliSight System Connection
5. Status LED Lights
6. Decrease Button (for programming)
7. Increase Button (for programming)
8. Main Programming Button
9. Mode Button
10. 0-10V Input
11. Mounting Holes (4 positions)

NOTE: Drawings not to scale.

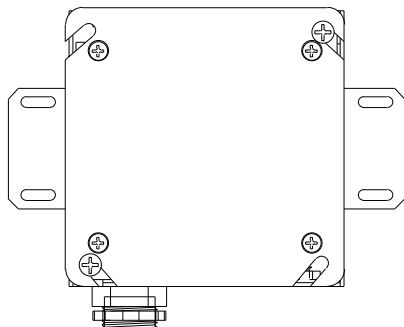
## Dimensions

### ILS8IO Input / Output Contact Interface:

Width: 2.50-Inches (63.5 mm)  
Length: 3.50-Inches (88.9 mm)  
Depth: 0.75-Inches (19.1 mm) (1)

### ILS8IO Input/Output Contact Interface (Enclosure):

Width: 4.00-Inches (101.6 mm)  
Length: 4.00-Inches (101.6 mm) (4)  
Depth: 2.35-Inches (59.7mm)



## Electrical

### ILS8IO Input / Output Contact Interface:

Power Requirements: 12 VDC, 40 mA (powered from IntelliSight system)  
24 VDC, 20 mA (powered from Lytemode system)

Open Collector Inputs: 8 (Momentary or Latched)

Open Collector Outputs: 8 (Momentary or Latched)

Input Limits: Closed: 0.0 VDC to 1.5 VDC (2)  
Opened: 2.5 VDC to 24 VDC (2)  
Current: 2.0 mA to Ground (3)

#### Notes:

- (1) Not including connector height.
- (2) Inputs are internally pulled to 5.0 V
- (3) Input must never be pulled below ground.
- (4) Not including connection nipple.

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