The ILC LightSync D6 allows for a reliable data line interface between an external Building Automation, Energy Management or Security System and your LightMaster lighting control system. This board features 6 inputs and 6 open collector outputs. Both inputs and outputs are optically isolated for enhanced processor protection and to ensure reliability. The lightsync D6 does require 24 volts DC to be supplied by the external (BAS) system providing the interface.

**General Information**
- UL Listed
- Mounts in controller or remotely

**Characteristics**
- Inputs: 6 Maintained (DC- = Active)
- Outputs: 6 Open collector
- Termination: standard screw terminals
- Screw-actuated clamps for use with #18 AWG solid or stranded wire
- Lightsync data line addressable

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**Overview**

**Features**

- CAT-5 wire control interface
- Maintained contacts
- 6- contact inputs
- 6- open collector outputs
- Provides interface for control of other systems
- BAS system interface
- Security system interface
- Optically isolated for protection
- UL, FCC approval for commercial use

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![Typical BAS Interface](image)
Specifications

**Physical:**
• Mounts in controller or remotely

**Electrical:**
• 5ma at 24 VDC
• 10-30 VDC (supplied by BAS)
• Inputs may be driven by open collector or dry contact outputs (DC = Active)
• 100mA open collector outputs

**Capacities:**
• 6 switch inputs
• 6 open collector outputs

**Operating Environment:**
• Location: Interior Space
• Operating Temperature: 0° to 50° C
• Relative Humidity: 10% to 95%
• Atmosphere: Non-explosive, Non-corrosive
• Vibration: Stationary application NEMA Level A

**Certifications:**
• FCC and UL approval for commercial use

How to Order

Ordering a **LightSync D-6 Interface**
Order No. LSD6 PNL (sample)

**LSD6**
PNL= Panel Mount
RMT= Remote Mount

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