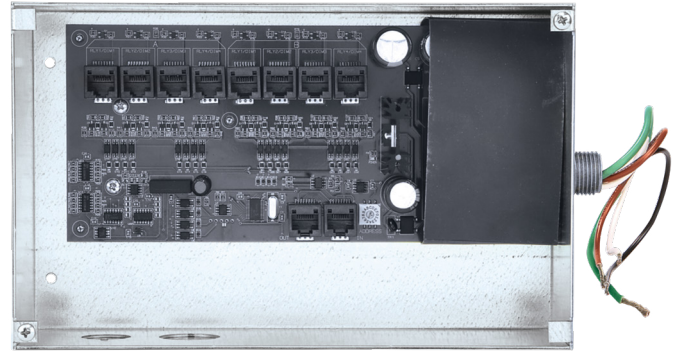




Overview

The LightSync EVO-4X, -8X is a distributed lighting control panel that simplifies installation. This panel expands any LightLEEDer or LLEVO controller to operate 4 or 8 additional R2OD relays for up to 20 relays per controller. R2OD relays are remote mounted and connect using standard CAT-5 cable. The R2OD relay is provided with line voltage and the 0-10V dimming control wire leads for easy connection to your loads.



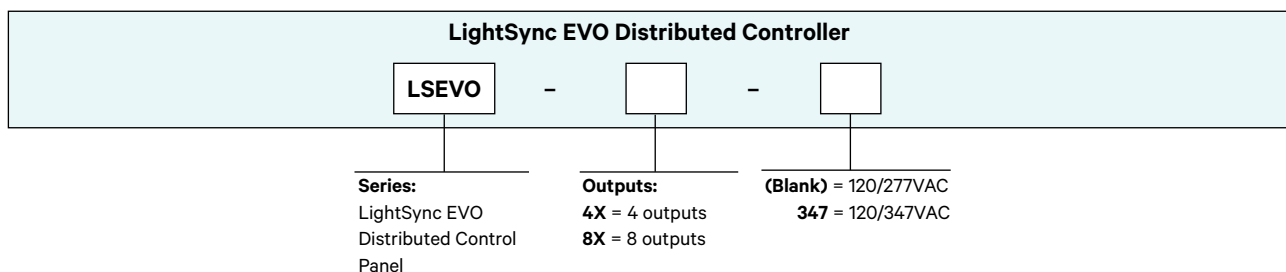
Features

- **Made in the USA, meets BABA Requirements**
- **Distributed** lighting controller
- **Expands Outputs** from any LLEVO or LightLEEDer controller
- **Remote** mounted relay for direct connection to loads
- **Galvanically Isolated** 0-10 dimming for up to 8 zones
- **Networked** with any LLEVO or LightLEEDer controller
- **Time clock** provided by LLEVO or LightLEEDer controller
- **RJ45 connectors** for R20 relays and In-Out from LightLEEDer controller bus
- **Plenum** rated mounting

Warranty

Five-Year limited warranty

Ordering

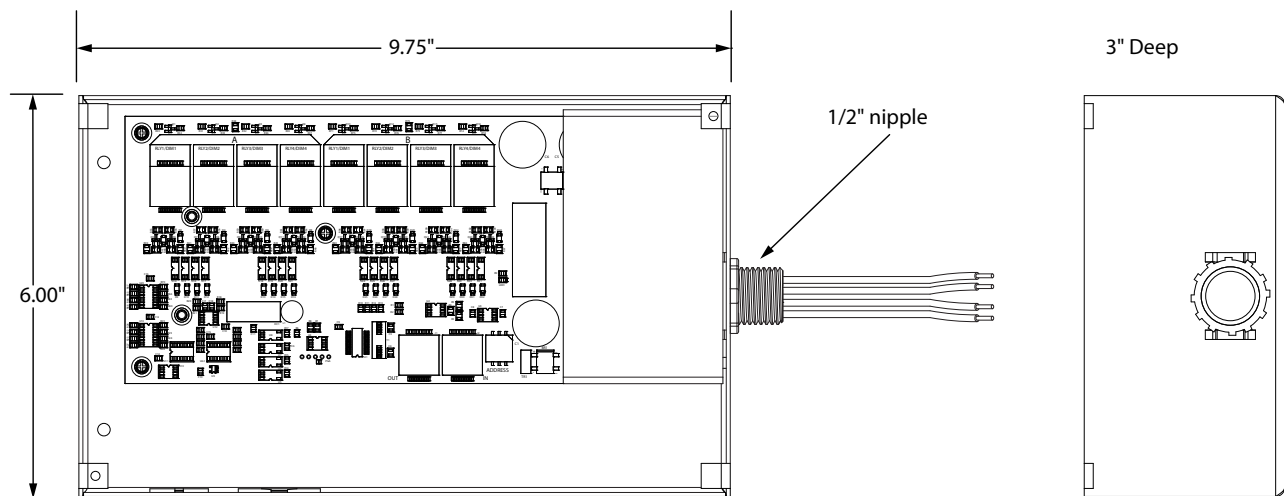


All ILC product configurations are built to be compliant with the Buy American Act of 1933 (BAA) or the Buy America Build America Act (BABA). BABA is the minimum Government compliance requirement for the Buy America Build America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

LightSync Digital

EVO-4X, -8X

Physical



Specifications

Safeguards:

- Power surge and spike suppression up to 123 volts on the 20VAC power input to controller
- Galvanically isolation to 1500V for the 0-10VDC dimmer outputs, with revert to 100% on power loss

Physical:

- Enclosure: 9-3/4" x 6" x 3" NEMA 1
- Galvanized steel enclosure and screw cover
- Provided with pre-drilled mounting holes
- High voltage barrier separates Class 2 wiring
- 1/2" nipple for mounting to electrical box
- 6" wire leads for high voltage connections
- RJ45 connectors provide for easy connection
- Plenum rated mounting

Electrical:

- 120/277VAC @.6 amps (120/347VAC Optional)
- Dimming: 10VDC 100mA sink per relay

Operating Environment:

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

Domestic Preferences:

Domestic preference options to meet BAA or BABA requirements. BABA is the minimum Government compliance requirement for the Buy America Build America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

Certifications and Approvals:

- UL and CUL listed
- FCC Part 15
- Title 24
- ASHRAE compliant
- IECC compliant