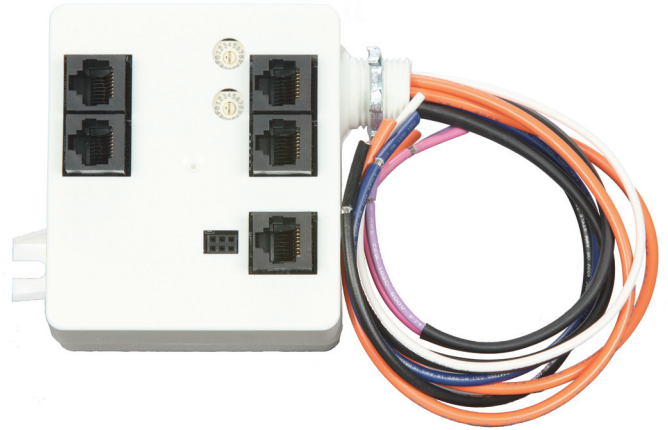


LightSync Digital

EVO-Integrated -2 Room Controller

**Overview**

The LightSync EVO Integrated 2 Room Controller has 2 isolated relays with 0-10V dimming. This controller integrates the control options of an EVO-RC with two on-board relays in one package for easy installation. Up to 3 LSEVO-INT-2-RC room controllers can be added to a LLEVO-INT-2 to extend its control into additional rooms or a small office with two zones of lighting control with daylight harvesting or one lighting zone and a plug load. It has RJ-45 ports for local digital LightSync switches, occupancy sensors, and a photo sensor. This convenient and easy to install two relay room controller is great for extending the controls of an LLEVO-INT-2 controller.



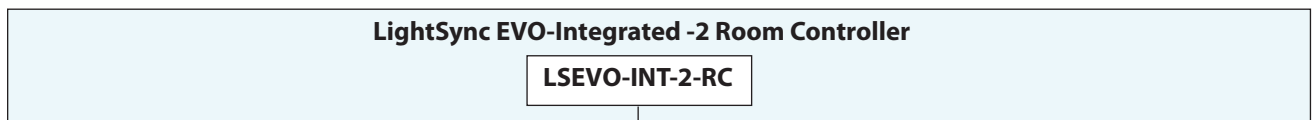
**Features**

- **Made in the USA**
- **2 Isolated load relays** rated up to 20 Amps for lighting loads or plug-loads
- **Galvanically Isolated** 0-10V dimming outputs
- **Occupancy sensor** input RJ-45 port for motion sensor occupancy or vacancy control
- **Photocell Sensor** input RJ-45 port for daylight monitoring
- **RJ-45** port for digital LightSync switch devices
- **Power** for digital LightSync switches, photocell sensor and occupancy sensors
- **Easy installation** with everything Integrated in one convenient box
- **Oversized relays** for extended life of product with contacts designed for LED inrush current
- **In/Out LS** ports and LS RC address switches for setting the room controller extension address from a LLEVO-INT-2 panel
- **Address** can be set to include (02, 03, 04) or to exclude (82, 83, 84) the on-board device inputs
- **Network-Programmed** from the LLEVO-INT-2 controller
- **Plenum rated**

**Warranty**

Five-year limited warranty

**Ordering**



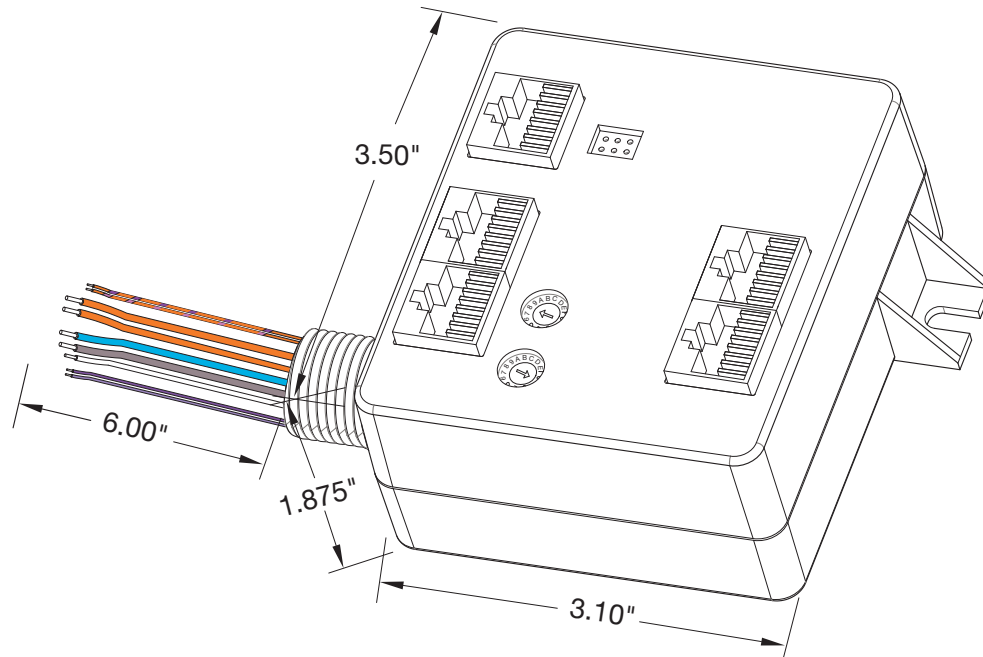
Series:  
LightSync  
EVO-Integrated 2  
Room Controller

LSEVO-INT-2-RC  
3-8-2024 Rev D

## LightSync Digital

## EVO-Integrated -2 Room Controller

## Physical



## Specifications

**Safeguards:**

- Power surge and spike suppression up to 123 volts from power supply to controller
- Memory retention for firmware and programming up to 200 years and electrostatic discharge to 4kV
- Galvanically isolation to 1500V for the 0-10VDC dimmer outputs, with revert to 100% on power loss

**Physical:**

- Enclosure: 3.10" x 3.50" x 1.875"
- Plastic enclosure with 1/2" nipple and mounting tab
- Color coded wire leads for easy field termination
- RJ-45 connectors provide for easy connections

**Interfaces:**

- LightSync network In/Out ports for connection to RC panels from LLEVO-INT-2 relay panel local LS port
- Occupancy sensor input with RJ-45 port
- Photocell Sensor input with RJ-45 port for daylight sensor
- RJ-45 port for up to 3 digital LS CAT-5 device addresses

**Operating Environment:**

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

**Electrical:**

- 120/277VAC @ .6 amps
- Dimming: 100mA sink per isolated output

**Relays:**

- 16A, 120/277VAC Electronic Ballast (LED)
- 20A 120/277VAC General
- 1/4 HP @ 120 VAC Motor Load

**Inputs: 24VDC**

- Powered LS Devices, Distance, Input power available
- 1 CAT-5 Devices, 300' accumulative, 70mA Occupancy sensor power
- 2 CAT-5 Devices, 500' accumulative, 60mA Occupancy sensor power
- 3 CAT-5 Devices, 600' accumulative, 50mA Occupancy sensor power

**Certifications and Approvals:**

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