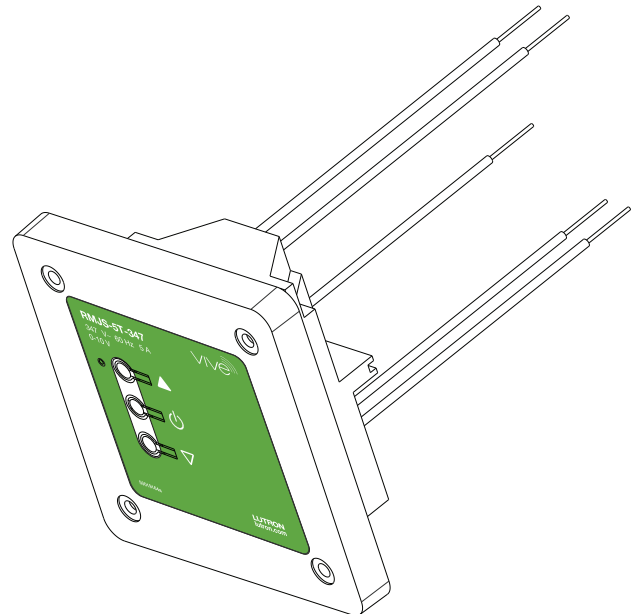


Vive 347 V~ Dimming Module with 0–10 V== Control

The Vive 347 V~ Dimming Module with 0–10 V== control is a radio frequency (RF) control that operates 0–10 V== controlled fluorescent ballasts or LED drivers based on input from Pico remote controls and Radio Powr Savr sensors. The dimming module with 0–10 V== control is ideal for small areas (e.g., classrooms, conference rooms, private offices).

Communication with RF input devices (e.g., Pico remote controls, Radio Powr Savr sensors) is accomplished by using Lutron Clear Connect RF Technology.

These products are also compatible with the Vive hub which enables an app-based or simple setup process using a standard web browser on any Wi-Fi enabled phone, tablet or computer. It also enables control and monitoring of all Vive devices. The Vive hub can be added at any time. System reprogramming will be required. For a complete list of features supported with the Vive hub, see specification submittal 369902 at www.lutron.com



RMJS-5T-347 (shown)

Features

- Controls up to 60 mA of 0–10 V== controlled fixtures together
- Model available for use with emergency lighting. See App Note 048628 at www.lutron.com
- Switches up to 5 A total of LED drivers or fluorescent ballasts
- Works with all ballasts and drivers that provide a current source that is compliant to IEC 60629 Annex E.2, and whose inrush current does not exceed NEMA410 standards for electronic ballast/driver
- 0–10 V== control link (current sink only)
- Configurable high- and low-end trim
- Receives wireless inputs from up to 10 Pico remote controls, 10 Radio Powr Savr occupancy/vacancy sensors, and 1 Radio Powr Savr daylight sensor
- For connecting to non-dim loads, call Lutron or see App Note P/N 048753 on www.lutron.com
- Utilizes Lutron Clear Connect RF Technology
- Mounts in a standard 101.6 mm x 101.6 mm (4 in x 4 in) junction box.
(NOTE: must use metal junction box, minimum depth 53.975 mm (2.125 in))
- For mounting a Pico to a 347 V~ wallbox, use Lutron model number PICO-347WBX-ADAP. Refer to <https://www.lutron.com/TechnicalDocumentLibrary/347VWallBoxAdapterInstallationInstructions.pdf>. Note: A 347 V~ designer-opening wallplate is required (not supplied by Lutron; for example, Hubbell® HPS1347W).
- For more information on this and related products, refer to <http://www.lutron.com/TechnicalDocumentLibrary/048753.pdf>

<p>Job Name:</p> <p>Job Number:</p>	<p>Model Numbers:</p>
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Models

Model Number	Region	Operating Voltage	Frequency Band
RMJS-5T-347	Canada	347 V~	431.0–437.0 MHz
RMJS-5T-347-EM	Canada	347 V~	431.0–437.0 MHz

Job Name:	Model Numbers:
Job Number:	

Specifications

Regulatory Approvals

- cULus 508 Listed
- CSA C22.2 No. 141-15 Listed (RMJS-5T-347-EM only)
- Complies with the limits for a Class B device, pursuant to IC and FCC rules
- Complies with requirements for use in other spaces used for environmental air (plenums) per NEC® 2014 300.22 (C) (3)
- Listed in accordance to CAN/ULC-S142 standard method of fire test for heat and visible smoke release for discrete products

Power

- Operating voltage
347 V~ 60 Hz

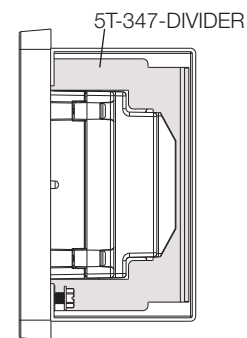
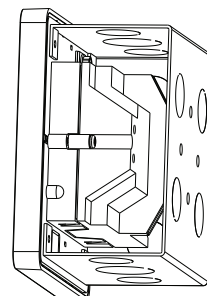
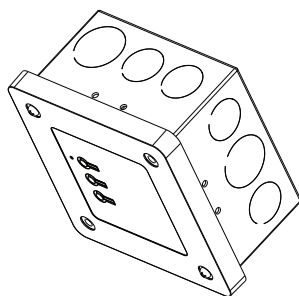
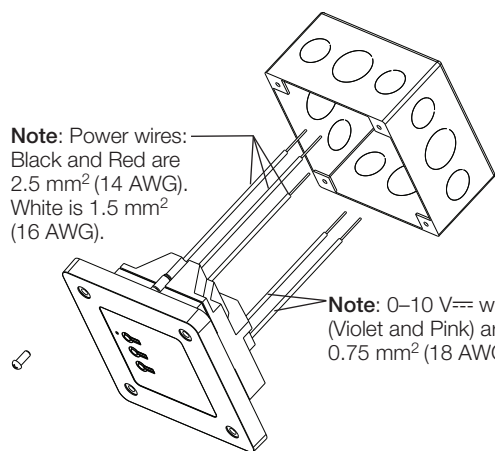
Output Ratings

- Switch rating of 5 A. Rated for 0–10 V== electronic driver and ballast loads as defined by IEC/EN 60669-2-1
- 0–10 V== control link for 60 mA maximum output, sink only
- Output must not be used to control receptacles
- Output must be directly connected to the load
- Output breakers or switches must not be used

Other Power Specifications

- Standby power:
– 347 V~ 610 mW
- BTU/hour when fully loaded: 9
- Works with all ballasts and drivers that provide a current source that is compliant to IEC 60629 Annex E.2, and whose inrush current does not exceed NEMA410 standards for electronic ballast/driver

Installation



Note: If local wiring code requires separation of Class 1 and Class 2 wires, use Lutron model number 5T-347-DIVIDER (sold separately). In this case it is recommended, to facilitate installation, that the dimming module with divider be mounted in a separate junction box. See 048753 on www.lutron.com for other options or refer to <https://www.lutron.com/TechnicalDocumentLibrary/5T347DividerInstallationInstructions.pdf> for more information.

Mounting

- This device must be installed into a metal junction box using two screws. The device must be mounted such that the backcover is inside the 101.6 mm x 101.6 mm (4 in x 4 in) junction box and the front faceplate is outside the 101.6 mm x 101.6 mm (4 in x 4 in) junction box (see diagrams below). Improper installation can result in degraded wireless communications and intermittent or sustained communications failures and will not be covered under warranty. For all other installations, refer to the installation instructions and consult local and national electric codes for proper installation. The front of the dimming module needs to be accessible for some programming steps. Record where it is mounted so that it can be easily located later.

System Communication

- Operates using Clear Connect RF Technology for reliable wireless communication; refer to model number chart on page 2 for frequency band details
- Wireless sensors and controls must be located within 18 m (60 ft) line of sight, or 9 m (30 ft), through walls, of the associated control module. The 18 m (60 ft) range is not reduced by a ceiling tile obstruction.

Environment

- Ambient operating temperature: 0 °C to 40 °C (32 °F to 104 °F)
- 0% to 90% humidity, non-condensing
- For indoor use only
- All drivers and ballasts used with Vive wireless controls must comply with the limits device pursuant to CAN ICES-005 and the FCC Rules

Job Name:	Model Numbers:
Job Number:	