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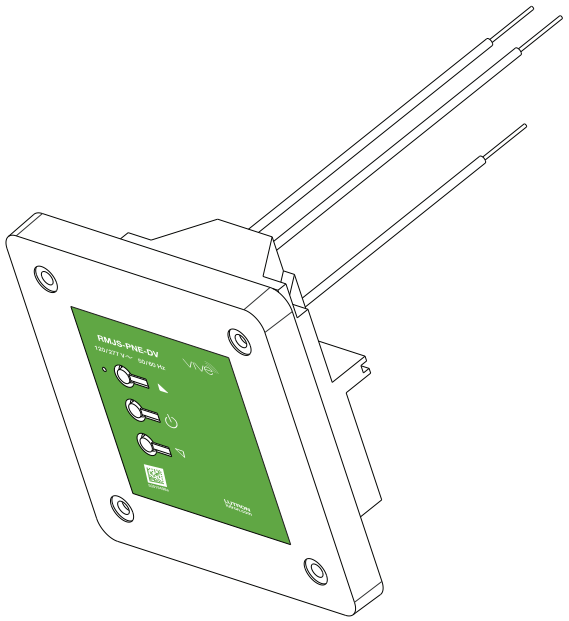
Vive PowPak Phase Select Dimming Module

The Vive PowPak phase select dimming module is a radio frequency (RF) control that operates phase control fluorescent ballasts or LED drivers based on input from Pico remote controls and Radio Powr Savr sensors. The PowPak module 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 – Type A RF Technology.

These products are also compatible with the Vive hub which enables an app-based 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-PNE-DV (shown)

Features

- 120/277 V~ voltage phase control dimming for all phase control load types.
- Model (RMJS-PNE-DV-EM) available for use with emergency lighting. See page 6 for operating details. [1]
- Configurable high- and low-end trim
- Phase selectable (non-automatic): Operates in reverse-phase mode by default. Can be changed to forward-phase mode using button presses or the Vive app.
- PRO LED+ is Lutron's industry-leading technology which enables either forward or reverse-phase control for optimal dimming down to as low as 1% (dependent on the driver's capabilities).
- RTISS technology compensates for incoming line variations such as frequency shifts (up to +/- 2% change in frequency/second), harmonics and line noise.
- RTISS-ICM technology is able to withstand high inrush LEDs, bulb blowouts, and direct shorts.
- Integral protection for common temporary over-current and over-voltage conditions.
- LEDs on the PowPak module provide diagnostic information. See App Note #781 (P/N 048781) on www.lutron.com for more information.
- Buttons on the PowPak module provide override control.
- 10-year power failure memory automatically returns the outputs to the levels they were set to prior to a power outage.
- NEMA SSL 7A-2015 compliant for compatibility with solid state lighting.
- Receives wireless inputs from up to 10 Pico remote controls, 10 Radio Powr Savr occupancy/vacancy sensors, and 1 Radio Powr Savr daylight sensor

  Utilizes Lutron Clear Connect – Type A RF Technology (see frequency range on page 2).
- Mounts in a standard metal 4 in x 4 in (101.6 mm x 101.6 mm) junction box.

[1] See App Note #628 (P/N 048628) on www.lutron.com for emergency lighting applications.

LUTRON SPECIFICATION SUBMITTAL Page 1

Job Name:	Model Numbers:	
Job Number:		

Models

Model Number	Region	Operating Voltage	Frequency Band
RMJS-PNE-DV	U.S.A., Canada, Mexico	120/277 V~	431.0–437.0 MHz
RMJS-PNE-DV-EM	U.S.A., Canada, Mexico	120/277 V~	431.0–437.0 MHz

For more information, see the following documents:
Application note: http://www.lutron.com/TechnicalDocumentLibrary/048781.pdf
Installation guide: http://www.lutron.com/TechnicalDocumentLibrary/RMJSPNEDV_InstallationInstructions

Job Name:	Model Numbers:	
Job Number:		

Specifications

Regulatory Approvals

- cULus 508 Listed
- 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
- NEMA SSL 7A-2015
- UL® 924 (RMJS-PNE-DV-EM only)
- NOM

Power

- Operating voltage
  120/277 V~ 50/60 Hz
- 0 W minimum load

Output Ratings

- 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:
  – 120/277 V~ 650 mW typ.
- BTU/hour when fully loaded: 23 max.
- Inrush current on dimming ballasts or drivers should not exceed NEMA410 standards for electronic ballast/driver.
- For applications requiring higher wattage ratings, use a power booster (PHPM-PA-120-WH, PHPM-PA-DV-WH, or PHPM-PA-277/DV). **Note:** The Vive PowPak phase select dimming module must be set to forward-phase when used with these interfaces.
- For applications requiring 0–10 V⎓ control, use a 10 V interface (GRX-TVI).
- For applications using Lutron 3-wire fluorescent dimming ballasts, use the PHPM-3F-120-WH or PHPM-3F-DV-WH. See https://www.lutron.com/TechnicalDocumentLibrary/369-355.pdf for more details.