PowPak | Installation
Relay Module

Part of the Vive Family

041608 Rev. A 10/2017

RMKS-16R-DV-B With Softswitch	220–240 V~ 50/60 Hz 16 A
	6 A Motor at 220 – 240 V~
RMKS-5R-DV-B	220–240 V~ 50/60 Hz 5 A

Note for Replacement:
RMx<u>S</u> - the "S" model can replace the non-"S" model

Important Notes: *Please read before installing.*
- For installation by a qualified electrician in accordance with all local and national electrical codes.
- **Note:** Use copper conductors only.
- Check to see that the device type and rating is suitable for the application.
- **DO NOT** install if product has any visible damage.
- If moisture or condensation is evident, allow the product to dry completely before installation.
- Operate between 0 °C and 55 °C.
- 0% to 90% humidity, non-condensing.
- For indoor use only.

⚠ **WARNING** Shock Hazard. May result in serious injury or death. **Turn off power at circuit breaker before installing the unit.**

English

PowPak Relay Module
Install in center of room to maximize RF coverage.

Radio Powr Savr Occupancy Sensor
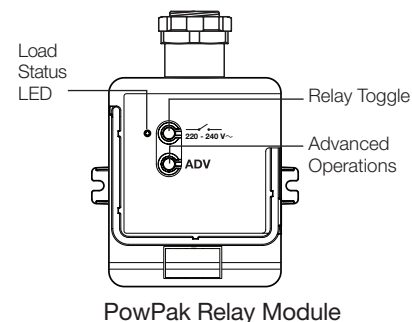
9 m Maximum

10 m

Pico Remote Control

12 m
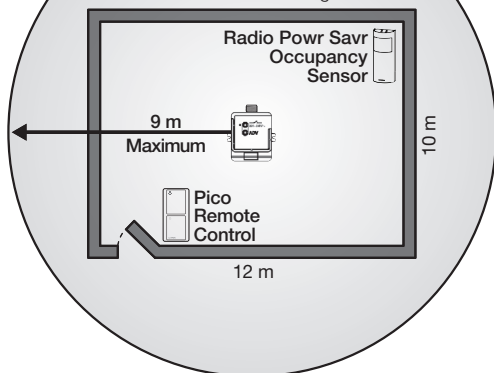
All Wireless Transmitters must be installed within 9 m of the PowPak Relay Module.

Required Components
For each system ensure you have:
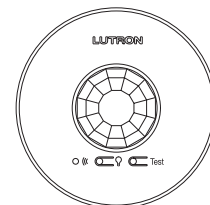**At least one PowPak Relay Module**

Load Status LED

Relay Toggle

220 – 240 V~

ADV

Advanced Operations
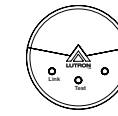
PowPak Relay Module

At least one Wireless Transmitter
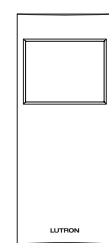
Radio Powr Savr Occupancy Sensor (10 maximum)
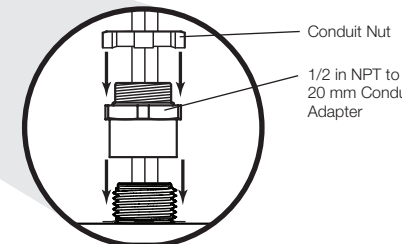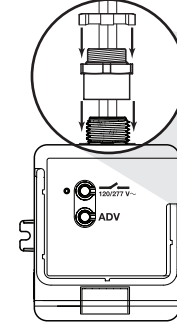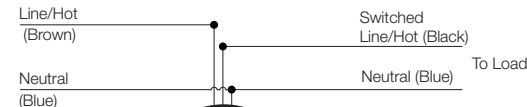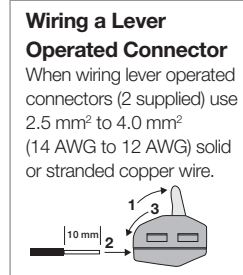
Pico Remote Control (10 maximum)

Radio Powr Savr Daylight Sensor (1 maximum)

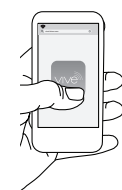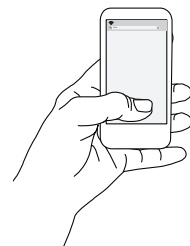### Start Here

1 Install PowPak Relay Module

Suggested Installation Location: Center of room to ensure proper RF coverage of area.

A Install the 1/2 in NPT to 20 mm conduit adapter (provided) onto the PowPak Relay Module.

B The PowPak Relay Module can be installed in a junction box or marshalling box using the conduit nut (provided) or with mounting screws (not provided). Please consult local and national electric codes for proper installation.

C Once installed, energize the PowPak Relay Module.

D Use the Relay Toggle button to toggle between high-end and OFF to verify wiring.

Line/Hot (Brown)

Neutral (Blue)

Switched Line/Hot (Black)

Neutral (Blue)

To Load

Wiring a Lever Operated Connector
When wiring lever operated connectors (2 supplied) use 2.5 mm² to 4.0 mm² (14 AWG to 12 AWG) solid or stranded copper wire.

Conduit Nut

1/2 in NPT to 20 mm Conduit Adapter

2 Programming with a Vive Hub

A Use and iOS or Android compatible device.

B Download the Lutron Vive app.

C Open the app and follow the instructions.

Download on the **App Store**

GET IT ON **Google Play**

Note: For further information on set up, programming, and troubleshooting with a Vive system, please refer to the installation instructions included with the Vive hub or visit www.lutron.com/vive-europe

Note: For programming the PowPak Relay Module without a Vive hub see **Programming Without a Vive Hub** below.

Unaffected Mode

Unaffected Mode allows a system with an Occupancy Sensor associated to multiple Relay Modules to be set up such that only selected loads turn on automatically. Other loads will require a manual turn-on with a Pico Remote Control. All loads will turn off automatically when the room is vacated.

A On a Relay Module, press and hold both the Relay Toggle and Advanced Operations ("ADV") buttons for 6 seconds until the LED begins flashing quickly.

B On the associated Occupancy Sensor, press and hold the "Test" button* for 6 seconds until the lens flashes.

C Unaffected mode will be exited automatically. This Relay Module will now be unaffected by occupancy commands. Repeat procedure for any additional devices.

* If no "Test" button, hold "Lights On" button.

Reset Factory Defaults

Note: In some instances it may be necessary to reset the PowPak Relay Module back to factory default settings.

A Triple-tap the Advanced Operations ("ADV") button on the Relay Module and hold until the LED begins to flash slowly.

B Within 3 seconds of flashing, release and triple-tap the button again and the LED will flash rapidly indicating that the unit has been reset to factory defaults.

Note: Any associations or programming previously set up with the unit will be lost and will need to be re-programmed.

Troubleshooting   www.lutron.com/vive

Load does not respond to Wireless Transmitter(s)	• Ensure breaker to the PowPak Relay Module is on. • Ensure the load has been properly wired to the PowPak Relay Module. • Ensure Wireless Transmitter is properly associated to PowPak Relay Module. • Ensure Wireless Transmitter's battery is installed correctly.
Wireless Transmitter(s) cannot be associated to PowPak Relay Module	• The maximum number of Wireless Transmitters have been associated to the PowPak Relay Module. To remove a previously set up Wireless Transmitter, tap the button used for association on the Wireless Transmitter three times, on the third tap hold for three seconds and then tap three more times.

Customer Assistance:
Europe: +44.(0)20.7680.4481
Others: +1.610.282.3800
www.lutron.com/support

PowPak | Programming Without a Vive Hub

1 Associate Wireless Transmitters to PowPak Relay Module

Before beginning this step, make sure that there are no other PowPak modules being set up within the same building. It is possible that Wireless Transmitters from other systems can be incorrectly associated to this system.
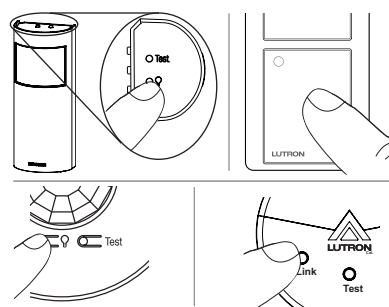
A Hold the Relay Toggle button on the PowPak Relay Module for 6 seconds to enter association mode.
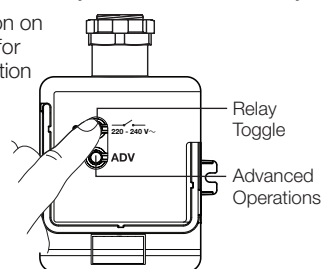
Note: The load will flash once after each step to confirm successful completion.

220 – 240 V~

ADV

Relay Toggle

Advanced Operations

B Hold the indicated button on a Wireless Transmitter for 6 seconds to associate the device.* Repeat for any additional Wireless Transmitters.
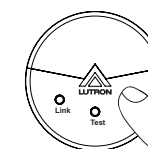
* If no ◑ button, hold "Lights Off" button.

C Hold the Relay Toggle button on the PowPak Relay Module for 6 seconds to save association(s).

D Permanently install wireless transmitters (consult individual component installation guides for information).

2 Calibrate the Radio Powr Savr Daylight Sensor

Daylight Sensor will control all wired fixtures equally.

A Press and release the "Cal." button on the Daylight Sensor.

B Turn lights in room on using the Relay Toggle button on the PowPak Relay Module or an associated Pico wireless control.

C Press and hold the "Cal." button for 6 seconds.

D Exit room for 5 minutes to allow calibration to be completed.

Note: When calibration has completed, all lights will flash and begin to respond to daylight.