

PowPak | Installation

Relay Module

Part of the Vive Family

RMMS-16R-DV-B
With Softswitch

220–240 V~ 50/60 Hz 16 A
6 A Motor at 220 – 240 V~

Note for Replacement:

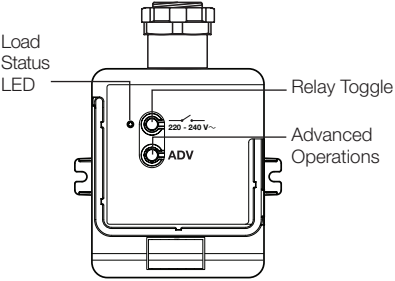
RMxS – the "S" model can replace the non-"S" model

Important Notes: Please read before installing.

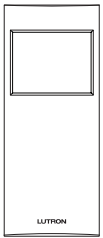
- For installation by a qualified electrician in accordance with all local and national electrical codes.
- Note:** Use copper conductors only.
- Check to see that the device type and rating is suitable for the application.
- DO NOT** install if product has any visible damage.
- If moisture or condensation 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.

041708
Rev. A
06/2019

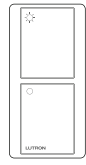
Required Components
For each system ensure you have:
At least one PowPak Relay Module



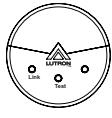
At least one Wireless Transmitter



Radio Powr Savr Occupancy Sensor
(10 maximum)



Pico Wireless
Control
(10 maximum)



Radio Powr Savr
Daylight Sensor
(1 maximum)

Start Here

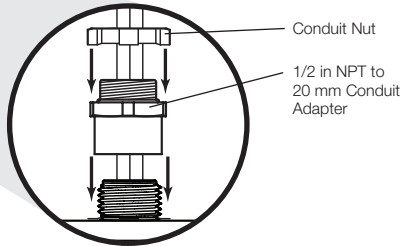
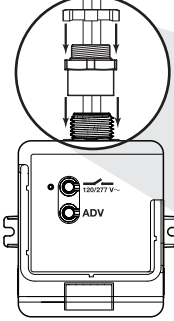
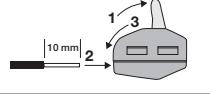
1 Install PowPak Relay Module

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.

Wiring a Lever Operated Connector

When wiring lever operated connectors (3 supplied) use 2.5 mm² to 4.0 mm² (14 AWG to 12 AWG) solid or stranded copper wire.



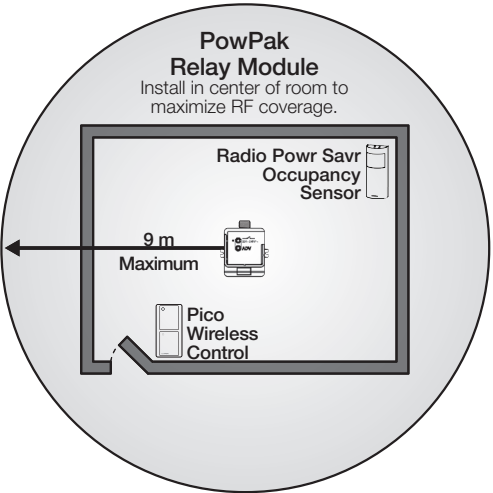
2 Programming with a Vive Hub

- A** Open the Wi-Fi settings on a smart device.
- B** Select the Wi-Fi SSID (Wi-Fi network name) as shown on the Vive hub label.
- C** Open a browser (Safari®, Chrome™, etc.) and type vive.lutron.com into address bar.
- D** Follow the instructions on the screen of your smart device to set up the system.

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

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

English



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

Reset Factory Defaults

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

- A** Rapidly tap the Advanced Operations ("ADV") button on the Relay Module three times and hold on the fourth time until the LED begins to flash at a rate of approx. 2 blinks every 1 second and the relay will cycle on/off 3 times, then release the **ADV** button.
- B** Within 3 seconds of the start of flashing of the LED on the Relay module and the relay cycling, rapidly tap the **ADV** button on the Relay Module three times again. Make sure to release the **ADV** button after the third press.
- C** The LED will flash at a rate of 2 blink/3 seconds and the connected relay will cycle 3 times to indicate 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

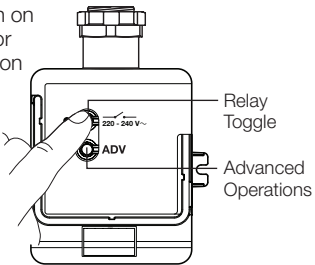
Load does not respond to Wireless Transmitter(s)	- Ensure breaker to the PowPak Relay Module is on. - Ensure the load has been properly wired to the PowPak Relay Module. - Ensure Wireless Transmitter is properly associated to PowPak Relay Module. - Ensure Wireless Transmitter's battery is installed correctly.
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.

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.

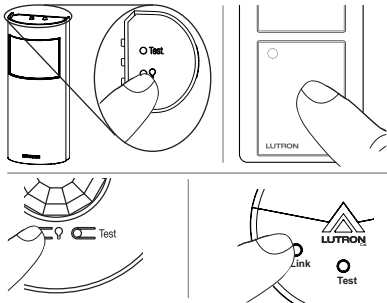
- A** Hold the Relay Toggle button on the PowPak Relay Module for 6 seconds to enter association mode.



Note: The load will flash once after each step to confirm successful completion.

- 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.



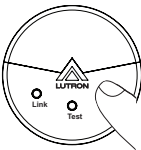
- C** Hold the Relay Toggle button on the PowPak Relay Module for 6 seconds to save association(s).

- 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.

Hereby, Lutron Electronics Co., Inc. declares that the radio equipment type RMMS-16R-DV-B are in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.lutron.com/cedoc

Limited Warranty:
www.lutron.com/en-US/ResourceLibrary/warranty/Limited%20Comm.pdf

Customer Assistance:
China: +86.21.61650990
Others: +1.610.282.3800
www.lutron.com/support

PowPak | 安装

开关模块

Vive系列产品

041708
版本 A
06/2019

RMMS-16R-DV-B
(同 Softswitch)

220–240 V~ 50/60 Hz 16 A
电机功率 6 A 220 – 240 V~

可替换说明:

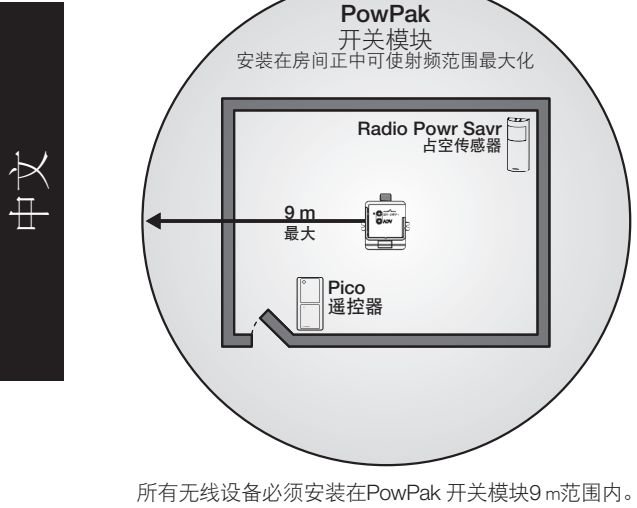
带“S”的RMxS型号可用于替换无“S”的型号

重要提示: 安装前请务必阅读。

- 需要有资质的电工根据当地或国家电气规范进行安装。
- 注意:** 使用铜线安装。
- 检查所安装设备的型号和额定功率是否符合安装标准。
- 产品如有可视破损**请勿**安装。
- 如果产品有明显的受潮或冷凝状况，待产品完全干燥后进行安装。
- 工作环境温度 0 °C - 55 °C 。
- 0% - 90% 湿度, 无冷凝。
- 仅用于室内。

警告

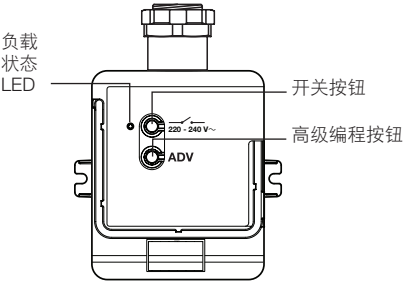
触电危险.可能导致严重伤害或者死亡。安装之前务必将断路器处于关闭 (OFF) 状态。



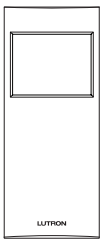
所需设备组件

每个系统确保含有:

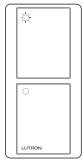
至少一个 PowPak 开关模块



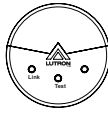
至少一个无线发射器



Radio Powr Savr 占空传感器
(至多10个)



Pico 遥控器
(至多10个)



Radio Powr Savr 日光传感器
(至多1个)

从这里开始

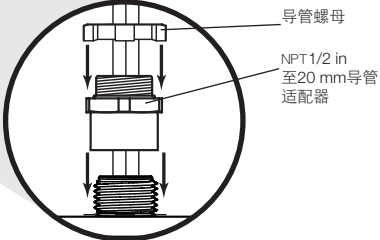
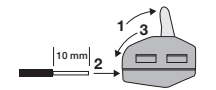
1 安装 PowPak 开关模块

建议安装位置: 房间中间以确保合适的射频覆盖范围。

- A** 在PowPak开关模块上安装NPT1/2 in至20 mm导管适配器（配套提供）。
- B** 模块可以通过导管螺母(配套提供)或紧固螺丝（自备）安装在接线盒或配线箱上。请查阅当地和国家电气规范进行正确安装。
- C** 安装完成后，为PowPak开关模块上电。
- D** 使用开关按钮切换全亮与关闭状态以检测验证接线。

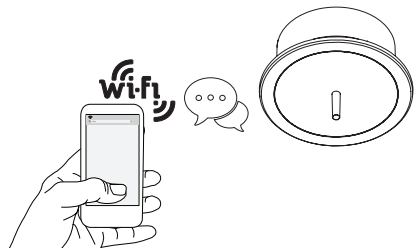
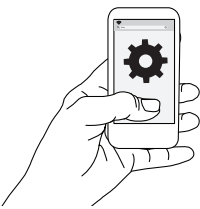
压杆式连接器的接线方式

使用2.5 mm² 至4.0 mm² (14 AWG 至 12 AWG)的标准铜线连接至所提供的压杆式连接器 (配套3个)



2 通过Vive主机编程

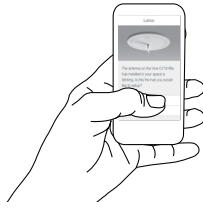
- A** 在智能设备上打开Wi-Fi设置。
- B** 选中Vive主机标签所示Wi-Fi名称。



- C** 打开浏览器 (Safari, Chrome™, 等), 输入网址 vive.lutron.com



- D** 根据您的智能设备屏幕上所显示的提示进行系统设置。



注意: 更多关于Vive主机设置、编程及故障排除信息，请参阅Vive主机所附的安装指南或者登陆路创网站 www.lutron.com/vive

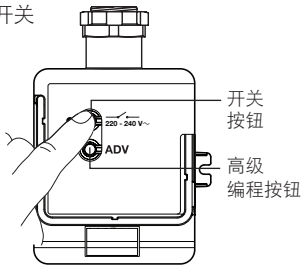
注意: 在没有Vive主机的情况下对PowPak开关模块进行编程，请查阅下方“无Vive主机编程方法”。

PowPak | 无主机编程

1 将无线发射器关联至 PowPak 开关模块

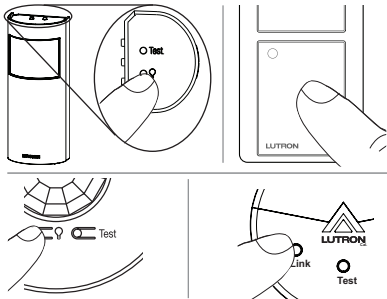
在开始此步骤之前, 确保同一幢楼内没有同时在设置其他PowPak模块。其他系统的无线发射器可能会被错误地关联至此模块。

- A** 长按PowPak开关模块上的开关按钮6秒进入关联模式。



注意: 每一步完成后负载都将闪烁一次，以确认操作成功。

- B** 长按无线发射器上所示按钮6秒以关联设备。在其他需要关联的无线发射器上重复该操作。



* 如果没有 按钮, 按住“Lights Off”按钮。

- C** 长按PowPak开关模块上的开关按钮6秒以保存关联配置。

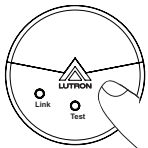
- D** 将无线发射器永久性安装到位 (相关信息请查阅相关设备安装指南)。

2 校验Radio Powr Savr日光传感器

日光传感器以同一方式控制所有连接的灯具。

- A** 按下日光传感器上的“Cal.” 按键后松开。
- B** 使用PowPak开关模块上的开关按钮或所关联的Pico遥控器打开房间内灯光。
- C** 长按“Cal.” 按钮6秒。
- D** 离开该房间5分钟待传感器完成校验。

注意: 校验完成后，所有灯光将闪烁并开始对日光做出响应。



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恢复出厂设置

注意: 在某些情况下，可能需要将PowPak开关模块恢复出厂设置。

- A** 快速点击开关模块上的高级编程按钮 (“ADV”) 三下，在第四次点击时按住直到LED指示灯开始按每秒2次的频率闪烁，并且负载将在开与关状态下循环3次，然后松开按钮。
- B** 在开关模块的LED指示灯开始闪烁以及负载开关循环后的3秒钟内，再次快速点击模块上的**ADV按钮**三次，并确保在第三次点击后松开。
- C** LED指示灯开始以每3秒2次的频率闪烁，所连接的负载将循环开关闪烁3次，表示该设备已恢复出厂设置。

注意: 任何与该设备相关的关联配置与编程将丢失，需要重新编程。

故障排除

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负载未对无线发射器的指令作出响应

- 确保断路器至PowPak开关模块呈通电状态。
- 确保负载与PowPak开关模块已正确连接。
- 确保无线设备正确关联至PowPak开关模块。
- 确保无线设备的电池已正确安装。

无法将无线发射器关联至PowPak开关模块

- 已达到PowPak开关模块可关联无线发射器的数量上限。要删除一个已关联的无线发射器，快速点击无线发射器上的按键3次，并在第三次点击时按住3秒，随后再次点击三次。

特此声明：路创电子有限公司无线设备型号RMMS-16R-DV-B 遵从 2014/53/EU指令。

以下网址可查阅完整的欧盟符合性声明: www.lutron.com/cedoc

有限质保:
www.lutron.com/en-US/ResourceLibrary/warranty/Limited%20Comm.pdf

客服热线:
中国: 400-046-3600
其他国家: +1.610.282.3800
www.lutron.com/support