

## 5 A 2-Button RF Switch

The 5 A 2-Button RF Switch controls the load automatically through wireless sensors and wireless remote controls which provides a system that delivers energy savings, convenience, and ease of installation.

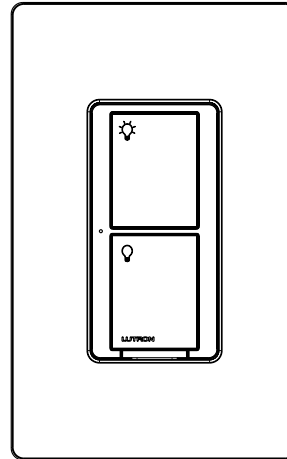
The 5 A 2-Button RF Switch uses Lutron® patented Clear Connect® RF Technology, which enables wireless communication with Radio Powr Savr™ sensors and Pico® wireless controls for total load control.

### Features

- The 5 A 2-Button RF Switch provides switching of multiple load types, occupancy/vacancy sensing, and daylight harvesting.
- Lutron® patented Clear Connect® RF Technology works through walls and floors.
- Includes Front Accessible Service Switch (FASS™) for safe lamp replacement.
- Two-wire switch perfect for retrofit applications.
- Power failure memory: If power is interrupted, the control will return to its previously set level prior to interruption.

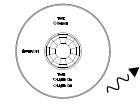
### Receiving Device

5 A 2-Button RF Switch

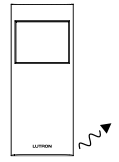


### Transmitting Devices

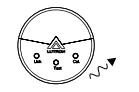
Radio Powr Savr™ Sensors



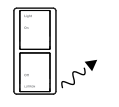
Ceiling-mounted occupancy/vacancy sensor



Wall-mounted occupancy/vacancy sensor



Daylight Sensor



Pico® Wireless Control

### Models:

Model Number	Description	Voltage	Load Type	Minimum Load	Maximum Load		
					Not Ganged	End of Gang	Middle of Gang
PD-5S-DV-XX <sup>1,2</sup>	Electronic Switch	120/277 V~	CFL/LED	40 W (LUT-MLC) <sup>3</sup>	5 A	4 A	3 A
		120/277 V~	Fluorescent	40 W (LUT-MLC) <sup>3</sup>	5 A	4 A	3 A
		120 V~	Incandescent/Halogen	25 W	600 W	500 W	400 W
		277 V~	Incandescent/Halogen	25 W	1400 W	1100 W	800 W
		120 V~	ELV	40 W (LUT-MLC) <sup>3</sup>	600 W	500 W	400 W
		277 V~	ELV	40 W (LUT-MLC) <sup>3</sup>	1400 W	1100 W	800 W
		120 V~	MLV	25 W	600 VA/450 W	500 VA/375 W	400 VA/300 W
		277 V~	MLV	25 W	1400 VA/1000 W	1100 VA/800 W	800 VA/600 W
		120 V~	General Purpose Fan	0.4 A	3 A	3 A	3 A

<sup>1</sup> No Neutral Required.

<sup>2</sup> "XX" in the model number represents color/finish code.

<sup>3</sup> To ensure proper installation install LUT-MLC.

Job Name:	Model Numbers:	
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Job Number:	<input type="text"/>	<input type="text"/>

## Specifications

### Regulatory Approvals

- UL® Listed
- CSA Certified
- FCC Approved. Complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules
- Industry Canada Certified

### Power

Operating voltage:  
 120 V~ 50/60 Hz  
 277 V~ 50/60 Hz

## Key Design Features

### All RF Local Controls

- Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.
- Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991 Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
- Controls always operate locally and do not require system control.
- Power failure memory: should power be interrupted, the control will return to its previously set level prior to the interruption when power is restored.
- Uses conventional 3-way wiring.
- Use Lutron® Designer (Claro® and Satin Colors®) wallplates or designer-style wallplates from other manufacturers. Wallplates are sold separately.
- Lutron Claro® and Satin Colors® wallplates snap on with no visible means of attachment.
- Requires a 1-gang U.S. wallbox. 3½ in (89 mm) deep recommended, 2¼ in (57 mm) deep minimum.
- Green status LED.

### System Communications and Capacity

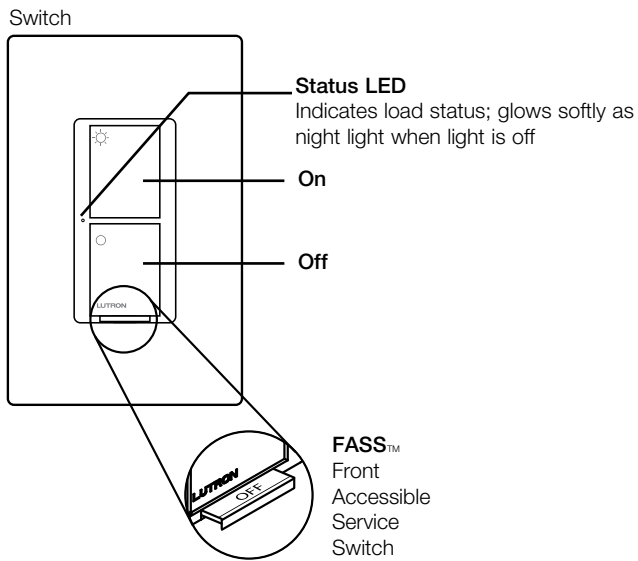
- The 5 A 2-Button RF Switch communicates with the Pico® wireless controls and Radio Power Savr™ sensors through radio frequency (RF).
- The 5 A 2-Button RF Switch must be located within 60 ft (18 m) line of sight or 30 ft (9 m) through walls, of Radio Power Savr™ sensors.
- The 5 A 2-Button RF Switch must be located within 60 ft (18 m) line of sight or 30 ft (9 m) through walls, of a Pico® wireless control.

### Environment

- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0%-90% humidity, non-condensing. Indoor use only.

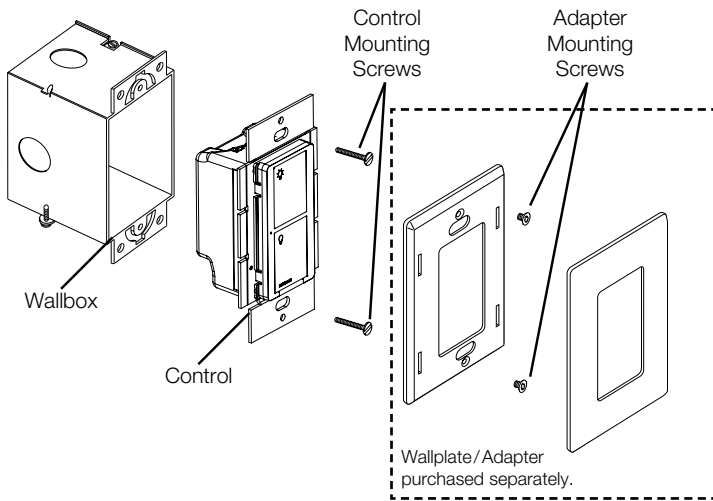
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Job Number: <input style="width: 80%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

### Operation



**IMPORTANT NOTICE:**  
**FASS™** - Front Accessible Service Switch - to service load, remove power by pulling the FASS™ switch out completely on Switch. After servicing load, push the FASS™ switch back in fully to restore power to the control.

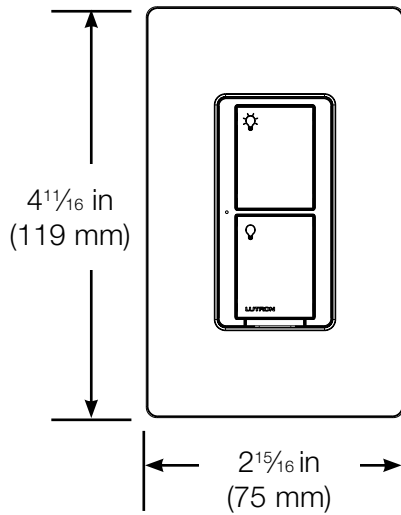
### Mounting



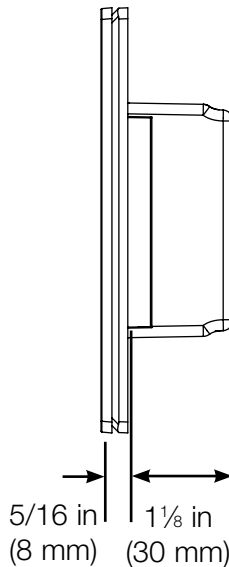
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Job Number:	<input type="text"/>	<input type="text"/>

### Dimensions

Front View

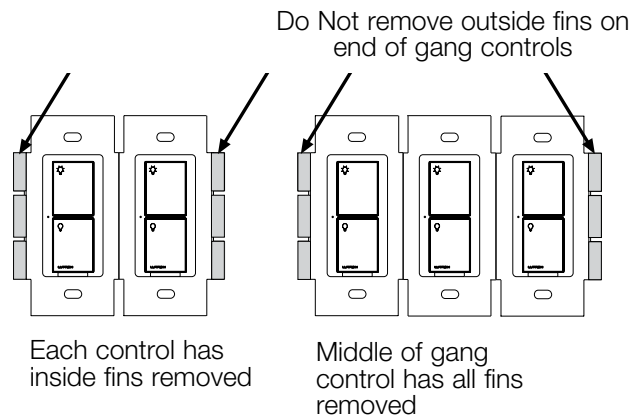


Side View



### Ganging and Derating

When ganging with other controls in the same wallbox, derating is required. See Load Type and Capacity chart.



### Load Type and Capacity

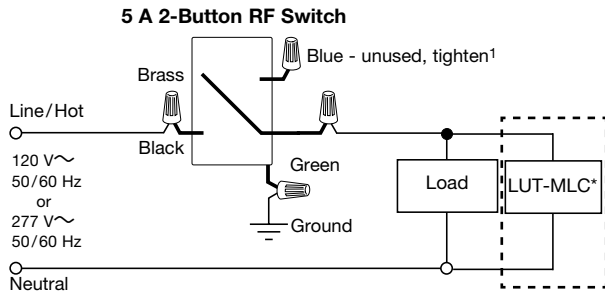
Load Type	Minimum Load	Maximum Load		
		Not Ganged	End of Gang	Middle of Gang
CFL/LED	40 W (LUT-MLC) <sup>1</sup>	5 A	4 A	3 A
Fluorescent	40 W (LUT-MLC) <sup>1</sup>	5 A	4 A	3 A
Incandescent/ Halogen (120 V~)	25 W	600 W	500 W	400 W
Incandescent/ Halogen (277 V~)	25 W	1400 W	1100 W	800 W
ELV (120 V~)	40 W (LUT-MLC) <sup>1</sup>	600 W	500 W	400 W
ELV (277 V~)	40 W (LUT-MLC) <sup>1</sup>	1400 W	1100 W	800 W
MLV (120 V~)	25 W	600 VA/ 450 W	500 VA/ 375 W	400 VA/ 300 W
MLV (277 V~)	25 W	1400 VA/ 1000 W	1100 VA/ 800 W	800 VA/ 600 W
General Purpose Fan	0.4 A	3 A	3 A	3 A

<sup>1</sup> To ensure proper installation install LUT-MLC.

Job Name:	Model Numbers:	
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Job Number:	<input type="text"/>	<input type="text"/>

## Wiring Diagrams

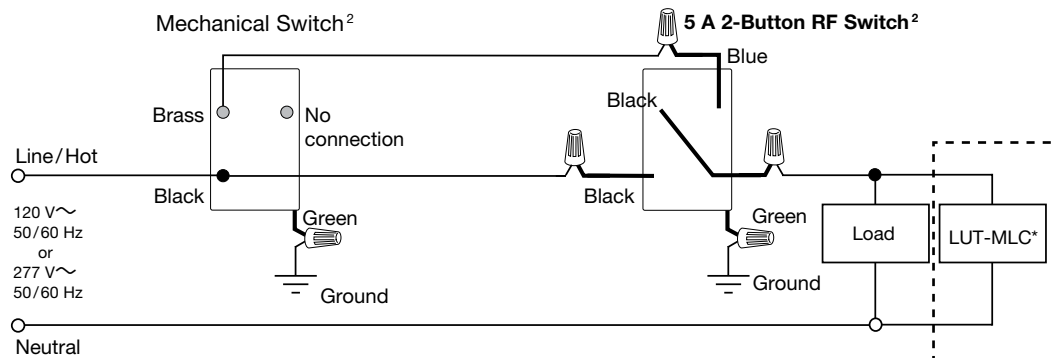
### Single Location Installation



\* A LUT-MLC ensures proper function when fluorescent, CFL, or LED loads are used. Install the LUT-MLC inside a load fixture or in a separate J-box of the circuit. May also be installed in J box with switch if neutral is present and space permits.

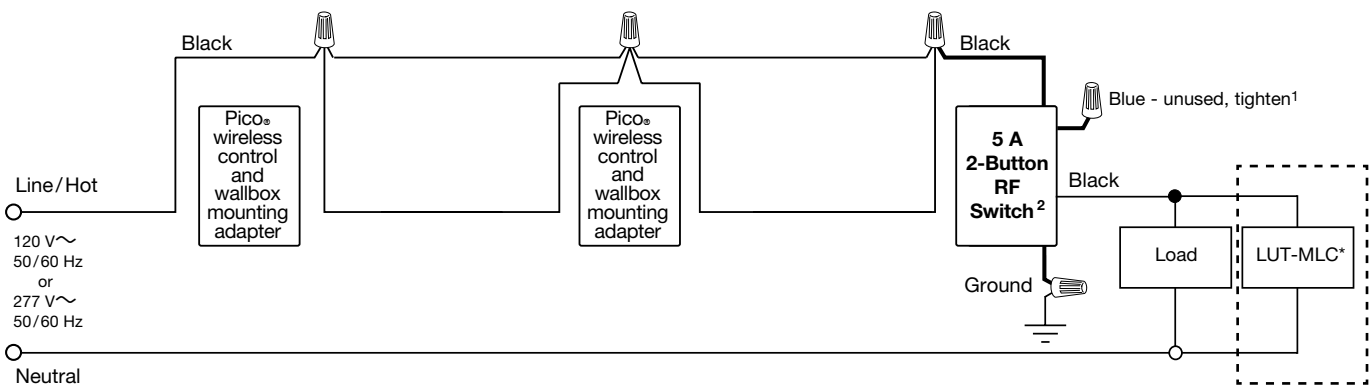
### 3-Way Installation

With Mechanical Switch



### Multi-location Installation

With Pico® wireless controls (PJ2-2B-xx) and wallbox mounting adapters (PICO-WBX-ADAPT)



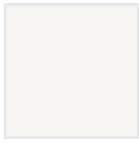
<sup>1</sup> When using controls without mechanical 3-way switch, cap blue terminal. DO NOT connect the blue wire to any other wiring or to ground.

<sup>2</sup> Location of RF switch and mechanical switch may be reversed.

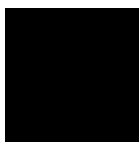
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## Colors and Finishes

### Gloss Finishes



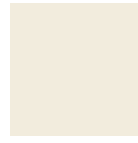
White  
WH



Black  
BL



Ivory  
IV



Light Almond  
LA

Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.

Job Name: <input type="text"/>	Model Numbers: <input type="text"/>	
Job Number: <input type="text"/>	<input type="text"/>	<input type="text"/>