

Maestro® Occupancy sensing switch

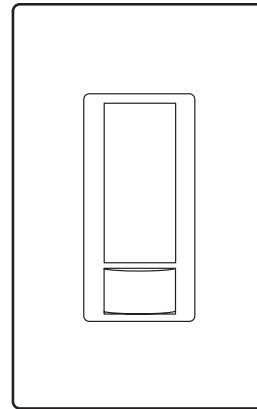
The Lutron® Maestro® Occupancy sensing switch combines a Maestro® switch with a passive infrared occupancy or vacancy sensor. The sensor detects the heat from occupants moving within an area to determine whether the space is occupied. Based on the feedback from the sensor, the occupancy sensing switch will adjust the load accordingly.

Features

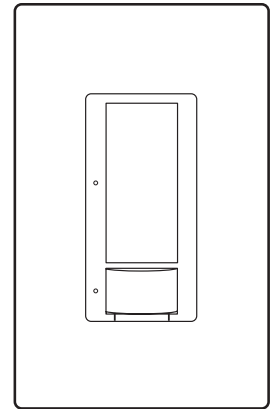
- Passive infrared sensors with exclusive Lutron® XCT™ Technology for fine motion detection
- 180° sensor field-of-view
- Up to 30 ft x 30 ft (9 m x 9 m) [900 ft² (81 m²)] major motion coverage and 20 ft x 20 ft (6 m x 6 m) [400 ft² (36 m²)] minor motion coverage
- Occupancy version can be set to Auto-ON / Auto-OFF or Manual-ON / Auto-OFF
- Vacancy version available to meet CA Title 24 requirements
- Adjustable timeout (1, 5, 15, or 30 minutes) and high/low sensitivity adjustment
- Occupancy sensing switch loads: incandescent, halogen, ELV, MLV, CFL, LED, magnetic fluorescent, electronic fluorescent, and fan.

Models available

- MS-OPS2
- MS-OPS5M
- MS-OPS6M2-DV
- MS-OPS6M2N-DV
- UMS-OPS6M-DV
- MS-VPS2
- MS-VPS5M
- MS-VPS6M2-DV
- MS-VPS6M2N-DV
- UMS-VPS6M-DV



MS-OPS2
MS-OPS5M
MS-OPS6M2-DV
MS-OPS6M2N-DV
MS-VPS2
MS-VPS5M
MS-VPS6M2-DV
MS-VPS6M2N-DV



UMS-OPS6M-DV
UMS-VPS6M-DV

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

Regulatory Approvals

- UL® Listed to U.S. and Canadian safety requirements.
- NOM Certification (MS- models only).

Power

- 120 V~ 50/60 Hz¹
- 120–277 V~ 50/60 Hz¹

Key Design Features

- All lighting loads.
- Crush/tamper resistant lens.
- Smart ambient light detection.
- Adaptive switching algorithm for extended relay life.
- XCT™ Technology for fine motion detection.
- Lutron® patented Softswitch®.

Environment

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

Warranty

- 5-Year Limited Warranty. For additional Warranty information, please visit www.lutron.com/TechnicalDocumentLibrary/Sensor_Warranty.pdf

Additional Information

- When using MS-OPS2, MS-OPS5M, MS-OPS6M2-DV, MS-VPS2, MS-VPS5M, or MS-VPS6M2-DV on GFI-controlled circuits, please see [Lutron® P/N 048440](#).
- For Maestro® Occupancy sensing dimmer models, please see [Lutron® P/N 369270](#).
- For use with MA-AS, MSC-AS, MA-AS-277, or MSC-AS-277 to control the load from more than two locations, please see [Lutron® P/N 048435](#).
- For more information, please see www.lutron.com/occvacensors
- Lutron Technical Hotline: 1.800.523.9466.

Advanced Features

Switching

- Standard zero cross—maximizes relay life by switching at the point of minimum energy on the AC power curve.
- Adaptive zero cross—maximizes relay life by switching at the point of minimum energy on the AC power curve. Actively adapts to variations in relay timing.
- Lutron® Patented Softswitch® circuit—eliminates arcing at mechanical contacts when loads are switched. Extends relay life to an average of 1,000,000 cycles (on/off) for resistive, capacitive, or inductive sources.

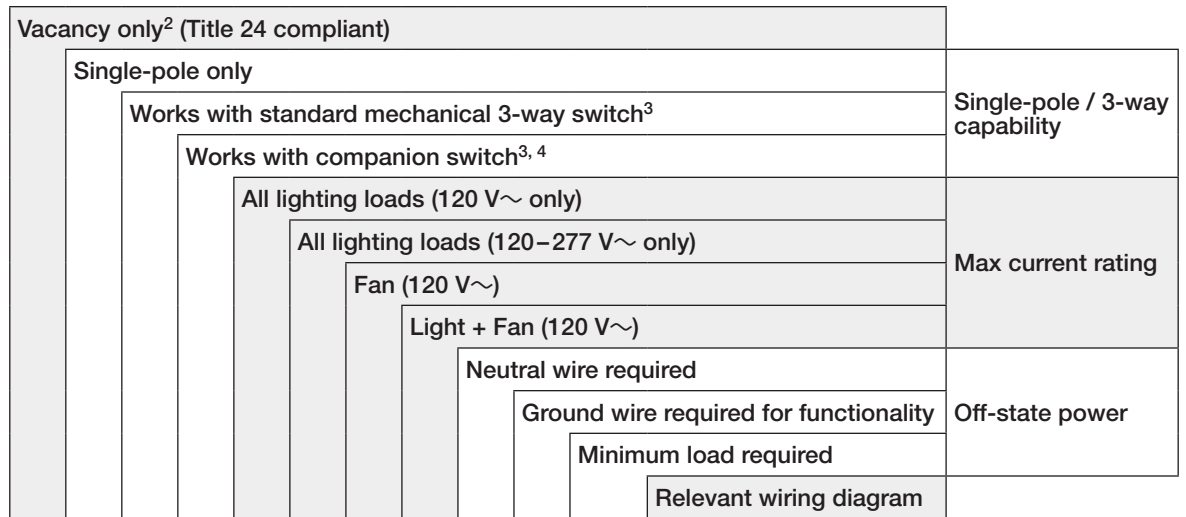
XCT™ Technology

Advanced sensing technology for fine motion detection ensures that the lights stay on while the room is occupied, and that the sensor does not turn on falsely when there is no occupancy in the room. For more information, see www.lutron.com/TechnicalDocumentLibrary/white%20paper%20XCT%204-23-09%20B.pdf

¹ Maximum current ratings for individual models are provided in the **Selection Matrix** on page 4.

<p>Job Name:</p> <p>Job Number:</p>	<p>Model Numbers:</p>
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Selection Matrix



Model Number¹

MS-OPS2-XX		✓			2 A					✓		1
MS-OPS5M-XX			✓	✓	5 A		3 A	3 A		✓		2, 3, 5
MS-OPS6M2-DV-XX			✓	✓		6 A	3 A	3 A		✓		2–6
MS-OPS6M2N-DV-XX			✓	✓		6 A	3 A	3 A	✓			7–11
UMS-OPS6M-DV-XX ⁵				✓		6 A	3 A	3 A			25 W	12–17
MS-VPS2-XX	✓	✓			2 A					✓		1
MS-VPS5M-XX	✓		✓	✓	5 A		3 A	3 A		✓		2, 3, 5
MS-VPS6M2-DV-XX	✓		✓	✓		6 A	3 A	3 A		✓		2–6
MS-VPS6M2N-DV-XX	✓		✓	✓		6 A	3 A	3 A	✓			7–11
UMS-VPS6M-DV-XX ⁵	✓			✓		6 A	3 A	3 A			25 W	12–17

¹ XX in model number represents color/finish code.

² Occupancy sensors can be configured as Auto-ON / Auto-OFF or Manual-ON / Auto-OFF. Vacancy sensors are configured as Manual-ON / Auto-OFF only.

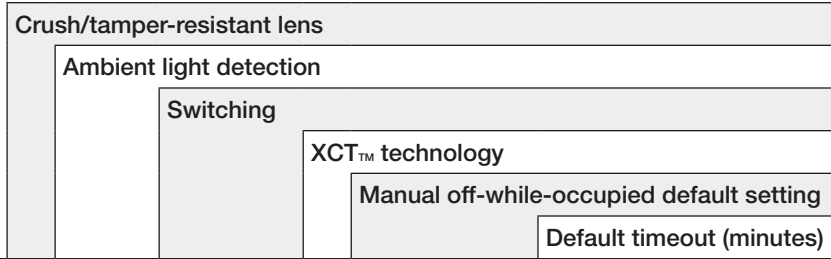
³ Standard mechanical 3-way switch cannot be combined with companion switch.

⁴ Companion switch MA-AS, MSC-AS, MA-AS-277, or MSC-AS-277 is required for multi-location installations (more than two locations controlling the same lighting circuit). Up to nine companion switches may be connected.

⁵ BAA-compliant models.

Job Name:	Model Numbers:
Job Number:	

Additional Features



Model Number ¹						
MS-OPS2-XX		Smart	Standard	✓	Disabled	5
MS-OPS5M-XX		Smart	Standard	✓	Disabled	5
MS-OPS6M2-DV-XX	✓	Smart	Adaptive	✓	Enabled	15
MS-OPS6M2N-DV-XX	✓	Smart	Adaptive	✓	Enabled	15
UMS-OPS6M-DV-XX		Presets	Softswitch®	✓	Enabled	5
MS-VPS2-XX		Smart	Standard	✓		5
MS-VPS5M-XX		Smart	Standard	✓		5
MS-VPS6M2-DV-XX	✓	Smart	Adaptive	✓		15
MS-VPS6M2N-DV-XX	✓	Smart	Adaptive	✓		15
UMS-VPS6M-DV-XX		Presets	Softswitch®	✓		5

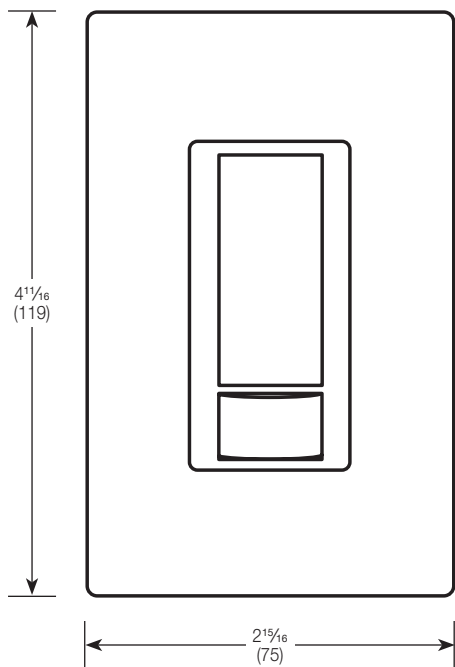
¹ XX in model number represents color/finish code.

Job Name: Job Number:	Model Numbers:
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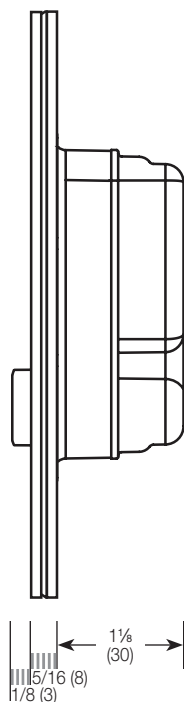
Dimensions

Measurements shown as: in (mm).

Front View



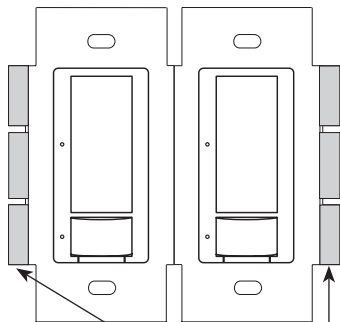
Side View



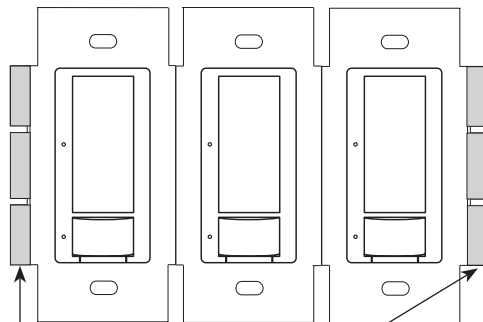
Ganging

When ganging with other controls in the same wallbox, remove inside fins (UMS-OPS6M-DV and UMS-VPS6M-DV only).

Each control has inside fins removed



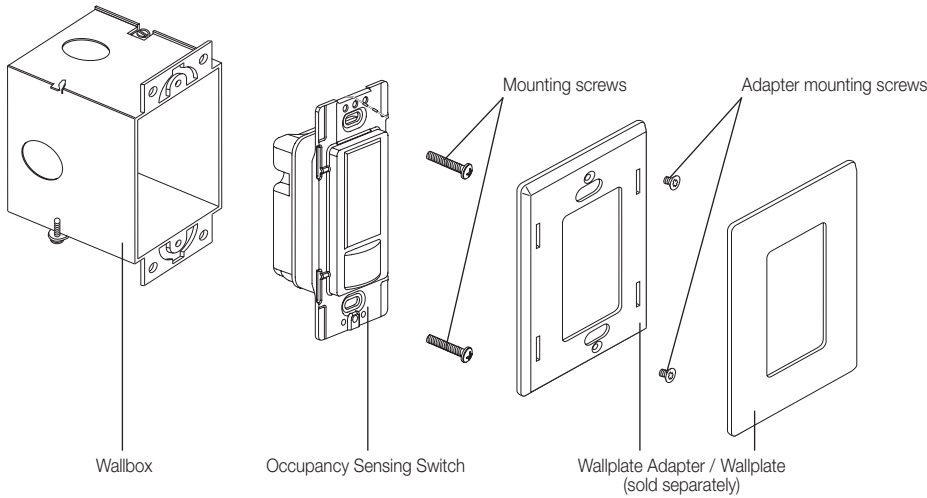
Middle of Gang control has all fins removed



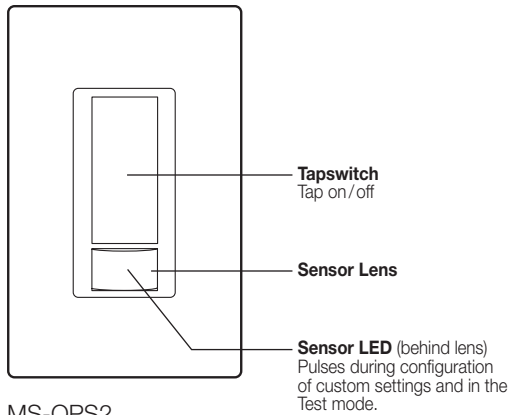
Do NOT remove outside fins on End of Gang controls

Job Name:	Model Numbers:
Job Number:	

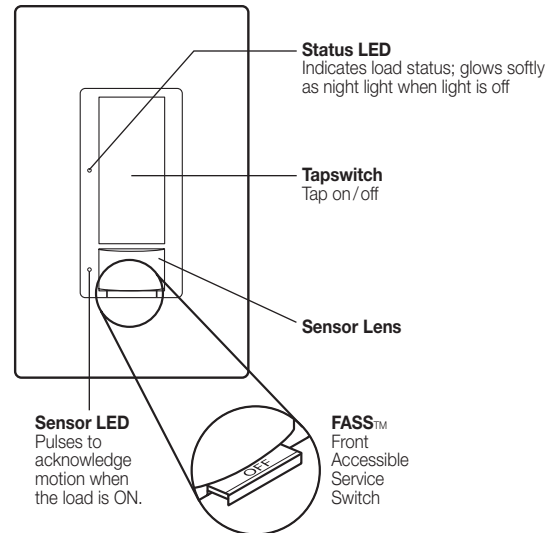
Mounting



Operation



- MS-OPS2
- MS-OPS5M
- MS-OPS6M2-DV
- MS-OPS6M2N-DV
- MS-VPS2
- MS-VPS5M
- MS-VPS6M2-DV
- MS-VPS6M2N-DV



- UMS-OPS6M-DV
- UMS-VPS6M-DV

IMPORTANT NOTICE

FASS™ — Front Accessible Service Switch —
To service load, remove power by pulling the FASS™ switch out completely on either the Dimmer or Companion Dimmer. After servicing load, push the FASS™ switch back in fully to restore power to the control.

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