SECTION E



Lighting Controls

RESIDENTIAL | COMMERCIAL

E SECTION

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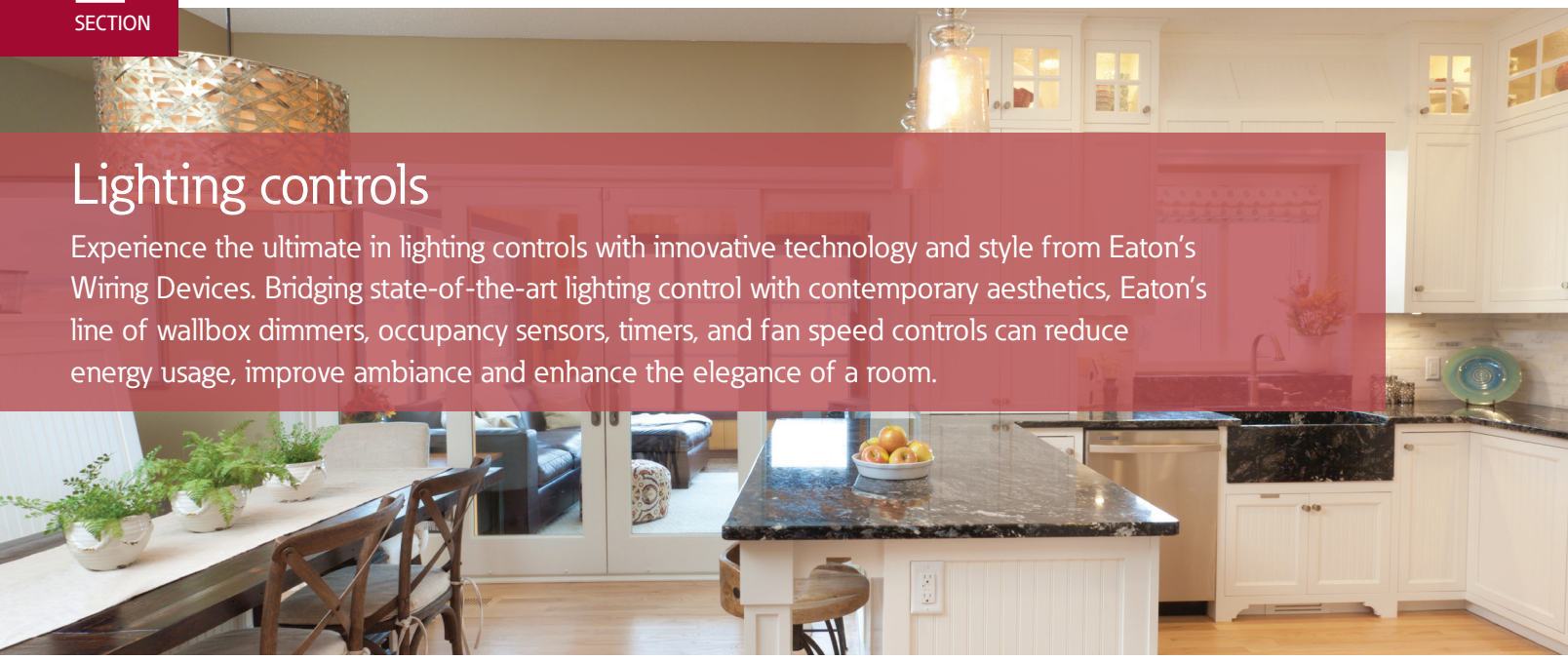
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Lighting controls

Experience the ultimate in lighting controls with innovative technology and style from Eaton's Wiring Devices. Bridging state-of-the-art lighting control with contemporary aesthetics, Eaton's line of wallbox dimmers, occupancy sensors, timers, and fan speed controls can reduce energy usage, improve ambiance and enhance the elegance of a room.

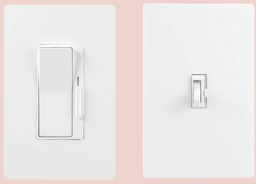
Lighting control families

Residential dimmers



E-4

Fan speed controllers



E-6

Residential motion sensors & humidity sensors



E-10

Timers



E-16

Commercial dimmers & sensors



E-19

Residential dimmers

From the latest in decorator styles to timeless traditional styles, Eaton dimmers offer an extensive array of forms and options to seamlessly create ambiance and reduce energy consumption without compromising aesthetics, features or performance. Eaton also includes dimmers for fluorescent, compact fluorescent and LED loads.



Residential dimmer families

LED dimmers



E-4

Non-LED dimmers



E-6

Specific solutions for today's needs



Energy savings

Both microprocessor-controlled and mechanical dimmers are available, that can provide energy savings in addition to ambiance.

See pages E-4 to E-6

Residential dimmers

Decorator & slide dimmers

Product description

Single pole, 3-way
300W, 600W/VA, 120V/AC
Rated for all common lighting loads -
Dimmable LED/CFL, MLV,
Dimmable FLR, and INC/HAL, ELV



LD06P



LS06P

Design features

- Refined, contemporary design complements modern interiors.
- Engineered to deliver consistent dimming performance across a wide range of compatible LED fixtures.
- Designed for quick and easy installation to streamline setup.
- Preset functionality restores the previous light level when turned ON for added convenience.
- Soft, gradual ON helps enhance ambiance and reduces eye strain.
- Adjustable low and high end trim settings allow optimization for connected fixtures.
- No neutral wire required; ideal for retrofit and new construction applications.
- Interchangeable faceplates support project and finish flexibility.

Dimmer features	**Decorator dimmer** (LD06P)	**Slide dimmer** (LS06P)
Adjustable high-end trim	✓	✓
Adjustable low-end trim	✓	✓
Wiring configurations (load side or line side)	Single pole or 3-way	Single pole or 3-way
Color change kits	✓	✓
De-rating required	—	—
Preset	✓	✓

Decorator dimmers

Rating W/AC	Rating V/AC	Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
300	120	Dimmable LED/CFL, MLV	Decorator dimmer, single pole/ 3-way, preset	W, C2, C5, C6, C7	☐ LD06P-__	•
600		Dimmable FLR and INC/HAL, ELV				

cULus Listed to UL1472, file no. E47967; NOM Certified; California Title 24 compliant

Slide dimmers

Rating W/AC	Rating V/AC	Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
300	120	Dimmable LED/CFL, MLV	Slide dimmer, single pole/ 3-way, preset	W, C2, C7	☐ LS06P-__	•
600		Dimmable FLR and INC/HAL, ELV				

cULus Listed to UL1472, file no. E47967; NOM Certified; California Title 24 compliant

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: RB (Oil Rubbed Bronze), SG (Silver Granite), W (White), C2 (Color Change Kit: LA, W, V), C5 (Color Change Kit: W, BK, GY), C6 (Color Change Kit: RB, W, SG), C7 (Color Change Kit: BK, B, GY)

RB (Oil Rubbed Bronze) SG (Silver Granite) W (White)

C2 Color Kit	C5 Color Kit	C6 Color Kit	C7 Color Kit
LA W V	W BK GY	RB W SG	BK B GY
LA (Light Almond), W (White), V (Ivory)	W (White), BK (Black), GY (Gray)	RB (Oil Rubbed Bronze), W (White), SG (Silver Granite)	BK (Black), B (Brown), GY (Gray)

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

Toggle & full slide dimmers

Product description

Single pole, 3-way
300W, 600W/VA, 120V/AC
Rated for all common lighting loads - Dimmable
LED/CFL, INC/HAL, ELV, MLV, FLR



TUL06P



FSUL06

Design features

- Soft gradual ON feature
- Preset feature allows user to return to previous light level when turning lights ON (Except FSUL06)
- Radio frequency interference filtering is standard on all models
- Compatible with most common dimmable light loads (Forward phase-cut)
- Low end trim setting
- High end trim setting (TUL06P ONLY)
- Neutral is not required for installation of device
- Compatible with any decorator/toggle wallplate or screwless decorator/toggle wallplate
- Color change kits are available with 3 different colors for increased flexibility and convenience (TUL06P ONLY)
- CA Title 24 compliant

Dimmer features	**Toggle dimmer** (TUL06P)	**Full slide dimmer** (FSUL06)
Adjustable high-end trim	✓	—
Adjustable low-end trim	✓	✓
Wiring configurations (load side or line side)	Single pole or 3-way	Single pole only
Color change kits	✓	—
De-rating required	—	✓
Preset	✓	—

Universal dimmers

Rating						
W/AC	V/AC	Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
300	120	Dimmable LED/CFL	Toggle dimmer, single pole/ 3-way, preset	C2, C7	☐TUL06P-__	•
600	120	INC, HAL, FLR, MLV, ELV				
150	120	Dimmable LED/CFL	Full-slide dimmer, single pole	W	☐FSUL06-__	•
600	120	INC, HAL				

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), LA (Light Almond), V (Ivory), W (White), C2 (Color Change Kit: LA, W, V), C6 (Color Change Kit: RB, W, SG), C7 (Color Change Kit: BK, B, GY)

W	LA	W	V	BK	B	GY
(White)	C2 Color Kit			C7 Color Kit		
	LA (Light Almond), W (White), V (Ivory)			BK (Black), B (Brown), GY (Gray)		

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

Residential non-LED dimmers

Product description

Single pole & 3-way
600W or 1000W, 120V/AC
INC/HAL loads only



RI061

Design features

- Integrated rotary dial for ON/OFF and DIM/BRIGHT operation
- Preset versions offer single pole and 3-way wiring in a single unit
- Neutral is not required for installation of device
- Precise color matching to match room decor

Incandescent/halogen rotary dimmers

Rating W	V/AC	Description	Color suffix	Catalog no.
600	120	Incandescent/halogen rotary dimmer, single pole non-preset	LA, V, W	☐ RI061-__
		Incandescent/halogen rotary dimmer, single pole/3-way with preset	LA, V, W	☐ RI06P-__
		Lighted incandescent/halogen rotary dimmer, single pole/3-way with preset	LA, V, W	☐ RI06PL-__
1000	120	Incandescent/halogen rotary dimmer, single pole non-preset	LA, V, W	☐ RI101-__

cULus Listed to UL1472, file no. E47967 & CSA C22.2 no. 184.1; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: LA (Light Almond), V (Ivory), W (White)

LA	V	W
(Lt. Almond)	(Ivory)	(White)

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

Fan speed controls

Eaton's fan speed controls vary the speed of air flow and employ special circuitry to quiet the fan's motor at low speeds. Install the device in place of a standard switch to add convenient fan control with quiet, smooth actuation. The top and back body are virtually unbreakable, and the device features electrostatic discharge protection, radio frequency interface filtering, and power failure memory. Eaton fan controls are available with color change kits and are compatible with traditional-style or screwless wallplates.



Fan speed control families

Decorator fan speed control



E-8

Slide fan speed control



E-8

Toggle fan speed control



E-9

Rotary fan speed control



E-10

Specific solutions for today's needs



Quiet control

Eaton's quiet fan speed controls reduce fan humming at low speeds and enable quiet fan control. Designed for single pole and 3-way (multi-location) installations, these devices offer more control capabilities when upgrading standard fan switches.
See pages E-8 - E-10

Fan speed controls

Decorator and slide fan speed controls

Product description

Single pole & 3-way
1.5A or 5A 120V/AC; combo 1.5A/300W
3-speed or fully variable



DFS15P1



SFS5P



SDC15

Design features

- Quiet fan speed control versions have special circuitry to reduce fan motor noise at low speeds
- Combined single pole/3-way versions are available
- Replaces a standard switch and offers dimming and/or fan speed control capabilities
- Neutral is not required for installation of device
- Power failure memory
- Easy-access ground screws
- Compatible with any decorator wallplate

Decorator fan speed control

Rating A	V/AC	Description	Color suffix	Catalog no.
1.5	120	Quiet 3-speed fan control, single pole/3-way with preset	C2, C7	☐DFS15P1-__

Slide fan speed controls

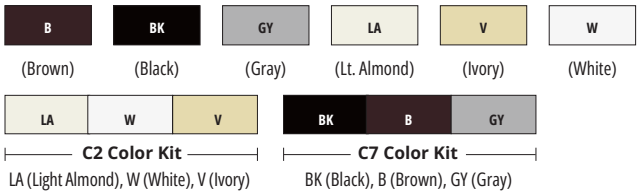
Rating A	V/AC	Description	Color suffix	Catalog no.
1.5	120	1.5A quiet 3-speed fan control, single pole/3-way with preset	B, BK, GY, LA, V, W	☐SFS15P-__
5	120	5A fully variable fan speed control, single pole/3-way with preset	B, BK, GY, LA, V, W	☐SFS5P-__

Slide combination fan speed control & dimmer

Rating A	V/AC	W	Description	Color suffix	Catalog no.
1.5	120	300	Combined 1.5A quiet 3-speed fan control & 300W dimmer, single pole, incandescent/halogen	B, BK, GY, LA, V, W	☐SDC15-__

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C2 (Color Change Kit: LA, W, V)



Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

Toggle fan speed controls

Product description

Single pole & 3-way
1.5A or 5A, 120V/AC
3-speed or fully variable



TFS5



TFS15P1

Design features

- Single pole and 3-way wiring offered in a single unit
- Fully variable fan control allows for precise fan speed setting
- Power failure memory for enhanced convenience
- Precise color matching to match room decor
- Compatible with any traditional toggle switch wallplate or screwless toggle wallplate

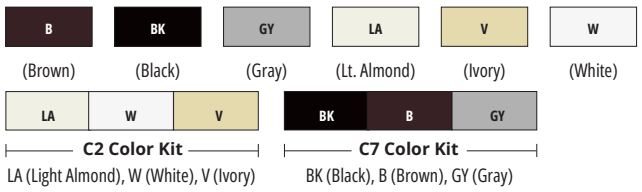
Toggle fan speed controls

Rating A	V/AC	Description	Color suffix	Catalog no.
5	120	Fully variable fan speed control, single pole non-preset, wire leads	LA, V, W	☐TFS5-__
1.5	120	Toggle fan speed control, quiet, 3-speed, single pole/3-way	C2, C7	☐TFS15P1

cULus Listed to UL1917, file no. E202842 & CSA C22.2 no. 156; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White) C2 (Color Change Kit: LA, W, V), C7 (Color Change Kit: BK, B, GY)



Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

Fan speed controls

Rotary fan speed controls

Product description

Single pole & 3-way
1.5A or 5A 120V/AC; combo 1.5A/300W; 2.5A/300W
3-speed or fully variable

Design features

- Integrated rotary dial for ON/OFF and DIM/BRIGHT operation (RDC15/RDC25)
- Preset versions offer single pole and 3-way wiring in a single unit
- Neutral is not required for installation of device
- Fully variable fan control allows for precise fan speed setting
- Quiet 3-speed fan control allows for low, medium, and high fan speed settings
- Precise color matching to match room decor
- Compatible with any traditional switch wallplate or screwless toggle wallplate



RDC15



RFS15



RFS5

Combination fan speed control/dimmers

Rating W	Rating A	Rating V/AC	Description	Color suffix	Catalog no.
300	1.5	120	Combined, quiet 4-speed fan control & dimmer, single pole non-preset, incandescent/halogen	LA, V, W	☐ RDC15__
	2.5	120	Combined, quiet 4-speed fan control & dimmer, single pole non-preset, incandescent/halogen	LA, V, W	☐ RDC25__

†Not NOM; cULus Listed to UL1917, file no. E202842 & CSA C22.2 no. 156

Fan speed controls

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
1.5	120	Quiet 3-speed fan control, single pole non-preset, wire lead	LA, V, W	☐ RFS15-__ †
5	120	Fully variable fan speed control, single pole non-preset	LA, V, W	☐ RFS5-__ †

Replacement knobs for rotary fan speed controls

Description	Color suffix	Catalog no.
Small Replacement knobs for rotary fan and dimmer controls (RDC15 & RDC25)	LA, V, W	☐ RKRC-__-BP

Color ordering information:

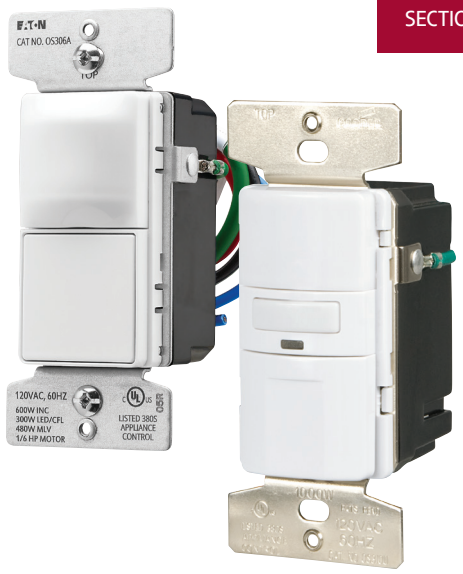
For ordering devices, include Catalog no. followed by the Color suffix: LA (Light Almond), V (Ivory), W (White)

LA	V	W
(Lt. Almond)	(Ivory)	(White)

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

Residential motion sensors & humidity sensors

The lighting controls that deliver the greatest energy savings are occupancy and vacancy sensors. Eaton sensors are ideal for any application with universal load and wiring compatibility, dimmable nightlight option, unparalleled mode features, plus all Eaton sensors are available as either occupancy or vacancy types.



Occupancy & vacancy sensor families

Motion sensors
E-12



Motion sensors with nightlight
E-14



Dual circuit motion sensors
E-15



Dimming motion sensors
E-16



Humidity sensors
E-17



Specific solutions for today's needs



Universal dimmer sensors

Designed to reduce the number of devices required in a residential environment by combining motion sensing, toggle and dimmer switching in a single solution.

See pages E-12



Motion sensor with nightlight

Sensors with integrated nightlights are ideal for most rooms, and nighlights come with a dimmable light level, selectable ON/OFF and operate independently of the sensing function.

See pages E-13



Dual switch sensors

The perfect solution for single point control of two loads from one location, offering even more energy saving opportunities and flexibility than ever.

See pages E-14

Occupancy & vacancy sensors

Occupancy & vacancy sensor switches



OS306A

Product description

Single pole & 3-way
300W, 120V/AC, LED/CFL
480W, 120V/AC, MLV
600W, 120V/AC, INC/HAL, ELV/FLR
1/6 HP, 120V/AC, Motor

Design features

- Occupancy Sensors turn ON automatically when the space is entered and OFF when you exit
- Vacancy Sensors are turned ON manually; sensors turn OFF automatically when you exit
- Slim, reduced depth design for easier installation
- Simple push button setup enables fast, intuitive programming without dials
- Adjustable motion sensitivity ensures reliable detection in any space
- Ambient light sensing keeps lights off when natural daylight is sufficient
- PIR motion detection with a 180° field of view and up to 1,000 sq. ft. of coverage
- Color matched robust lens blends seamlessly with modern design
- Interchangeable faceplates support project flexibility
- Selectable time delay of 1, 5, 10, or 20 minutes for lights to remain on after room is vacated. Default setting is 5 minutes.
- CA Title 24 compliant

Occupancy & Vacancy Sensors Switches

Rating V/AC	Rating HP	W	Compatible lamp loads	Description	Color suffix	Catalog no.	TITLE 24
120	1/6	300	LED/CFL	Occupancy sensor switch	W, C2, C7	☐OS306A	•
		480	MLV				
		600	INC/HAL, ELV/FLR	Vacancy sensor switch	W, C2, C7	☐VS306M	•

cULus Listed to UL244B, file E325082; NOM Certified; California Title 24 compliant

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: W (White), C2 (Color Change Kit: LA, W, V), C7 (Color Change Kit: B, BK, GY)

W	LA	W	V	B	BK	GY
(White)	C2 Color Kit			C7 Color Kit		
	LA (Light Almond), W (White), V (Ivory)			B (Brown), BK (Black), GY (Gray)		

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

Occupancy & vacancy sensor switches, high power

Product description

Single pole & 3-way
600W, 120V/AC, LED/CFL
1000W, 120V/AC, INC/HAL, ELV/FLR, MLV
1/3 HP Motor



OS310A

Design features

- Occupancy Sensors turn ON automatically when the space is entered and OFF when you exit
- Vacancy Sensors are turned ON manually; sensors turn OFF automatically when you exit
- Slim, reduced depth design for easier installation
- Simple push button setup enables fast, intuitive programming without dials
- Adjustable motion sensitivity ensures reliable detection in any space
- Ambient light sensing keeps lights off when natural daylight is sufficient
- PIR motion detection with a 180° field of view and up to 1,000 sq. ft. of coverage
- Color matched robust lens blends seamlessly with modern design
- Interchangeable faceplates support project flexibility
- Selectable time delay of 1, 5, 10, or 20 minutes for lights to remain on after room is vacated. Default setting is 5 minutes.
- CA Title 24 compliant

Occupancy & Vacancy Sensors Switches

V/AC	Rating HP	W	Compatible lamp loads	Description	Color suffix	Catalog no.	TITLE 24
120	1/3	600	LED/CFL	Occupancy sensor switch	W, C2, C7	☐ OS310A	•
		1000	INC/HAL, ELV/FLR, MLV	Vacancy sensor switch	W, C2, C7	☐ VS310M	•

cULus Listed to UL244B, file E325082; NOM Certified; California Title 24 compliant

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: W (White), C2 (Color Change Kit: LA, W, V), C7 (Color Change Kit: B, BK, GY)

W	LA	W	V	B	BK	GY
(White)	C2 Color Kit			C7 Color Kit		
	LA (Light Almond), W (White), V (Ivory)			B (Brown), BK (Black), GY (Gray)		

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

Motion sensor switches with nightlight

Product description

Single pole & 3-way
1000W/VA, 120V/AC; 1/2 HP Motor
LED, CFL, FLR, INC/HAL, ELV, MLV



OS310U

Design features

- Can be wired as a single pole or 3-way device
- Selectable ON/OFF LED nightlight with press and hold dimming function
- Works with all popular load types: incandescent, magnetic low-voltage, electronic low-voltage, fluorescent, CFL, and LED
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- Push pad design provides minimal travel and crisp actuation
- Replaces a standard light or fan switch
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Provides 3-way operation when used with a 3-way switch or sensor
- Selectable time delay of 5 seconds (test), 5 minutes, 10 minutes and 20 minutes for lights to remain ON after room is vacated
- Occupancy sensors time delay default set to 5 minutes; vacancy sensor's time delay default set to 20 minutes
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy sensor version allows toggling between Auto ON/Auto OFF or Manual ON /Auto OFF mode with a simple press and hold of switch
- Occupancy sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Uniform color matched PIR lens to device housing
- Neutral required for installation of device
- Mid-size decorator wallplate included with product
- Color change faceplate kits provide for a simple in field change
- CA Title 24 compliant

Motion sensor switches with nightlight

Rating W/VA	Rating V/AC	HP Motor	Description	Color suffix	Catalog no.	TITLE 24
1000	120	1/2	Occupancy sensor switch with LED nightlight; single pole/3-way	W	☐OS310U-__	•

cULus Listed to UL244A, file no. E325082; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: W (White), C2 (White, Light Almond, Ivory), C7 (Brown, Black, Gray)

W	LA	W	V	LA	W	V
(White)	C2 Color Kit			C2 Color Kit		
	LA (Light Almond), W (White), V (Ivory)			LA (Light Almond), W (White), V (Ivory)		

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

Dual circuit motion sensor switches

Product description

Single pole & 3-way
1000W/VA, 120V/AC; 1/2 HP Motor
LED, CFL, FLR, INC/HAL, ELV, MLV



OS310R

Design features

- Can be wired as a single pole or 3-way device
- Selectable ON/OFF LED nightlight with press and hold dimming function
- Works with all popular load types: incandescent, magnetic low-voltage, electronic low-voltage, fluorescent, CFL, and LED
- Contains two switches to control two independent lighting loads or circuits (light and/or fan)
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- Replaces a standard light or fan switch
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Provides 3-way operation when used with a 3-way switch or sensor
- Selectable time delay of 5 seconds (test), 5 minutes, 10 minutes and 20 minutes for lights to remain ON after room is vacated
- Reverse mode allows light to stay OFF in a room when motion is detected
- Occupancy sensors time delay default set to 5 minutes; vacancy sensors time delay default set to 20 minutes
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy sensor version allows toggling between Auto ON/Auto OFF or Manual ON /Auto OFF mode with a simple press and hold of switch
- Occupancy sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- No leakage to load in OFF mode
- Uniform color matched PIR lens to device housing
- Neutral required for installation of device
- Mid-size decorator wallplate included with product
- Color change faceplate kits provide for a simple in field change
- CA Title 24 compliant

Dual relay motion sensors

Rating W/VA	V/AC	HP Motor	Description	Color suffix	Catalog no.	TITLE 24
1000	120	1/2	Occupancy sensor dual switch with LED nightlight; single pole/3-way	GY, LA, W C2	☐ OS310R-__	•
			Vacancy sensor dual switch with LED nightlight; single pole/3-way	GY, LA, W	☐ VS310R-__	•

cULus Listed to UL244A, file no. E325082; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), LA (Light Almond), W (White)

BK	GY	LA	W
(Black)	(Gray)	(Lt. Almond)	(White)

LA	W	V

C2 Color Kit

LA (Light Almond), W (White), V (Ivory)

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

Occupancy & vacancy sensors

Dimming motion sensors

Product description

Single pole, 3-way
600W/VA; 120V/AC
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED



OSUL06D

Design features

- Full-range preset dimming control provided with horizontal DIM/BRIGHT bar
- Digital circuitry provides aesthetically pleasing soft ON/fade OFF that extends bulb life
- Preset and light level change is easily shown with horizontal row of green LEDs
- Works with popular load types: halogen, incandescent and magnetic low-voltage, LED
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- LED serves as air-gap switch disconnecting power from load, forcing an OFF condition
- Push pad design provides minimal travel and crisp actuation
- Replaces a standard light switch
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Selectable time delay of 5 seconds (test), 5 minutes, 10 minutes and 20 minutes for lights to remain ON after room is vacated
- Reverse mode allows light to stay OFF in a room when motion is detected
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy sensor version allows toggling between Auto ON/Auto OFF or Manual ON /Auto OFF mode with a simple press and hold of switch
- Occupancy sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Uniform color matched PIR lens to device housing
- Neutral required for installation of device
- Color change faceplate kits provide for a simple in field change
- CA Title 24 compliant

Motion sensor with dimmer

Rating W/VA	V/AC	Compatible lamp loads	Description	Color suffix	Catalog no.	TITLE 24
300	120	LED/CFL	Motion sensor with dimmer	C2, C4, C5, C7	☐OSUL06D-__	•
600	120	INC/HAL, MLV				
300	120	LED/CFL	Vacancy sensor with dimmer	C2, C4, C5, C7	☐VSUL06D-__	•
600	120	INC/HAL, MLV				

cULus Listed to UL244A & UL1472, file no. E325082; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: C2 (Color Change Kit: LA, W, V), C4 (Color Change Kit: BK, W, V), C5 (Color Change Kit: BK, W, GY), C7 (Color Change Kit: BK, B, GY)

C2 Color Kit	C4 Color Kit	C5 Color Kit	C7 Color Kit
LA, W, V	BK, W, V	BK, W, GY	BK, B, GY
LA (Light Almond), W (White), V (Ivory)	BK (Black), W (White), V (Ivory)	BK (Black), W (White), GY (Gray)	BK (Black), B (Brown), GY (Gray)

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

Humidity sensor and bath fan control


HDFS3P1

Product description

Single pole
15A, 120V/AC, 60Hz

Design features

- Turn fan ON/OFF automatically based on preset humidity level
- Includes 3 humidity settings adjustment. High, Medium and Low.
- Time delay for fan is 20 minutes
- Can be manually controlled for immediate ventilation needs
- Replaces single pole switch
- Great for bathrooms, basements, laundry rooms, and home spas
- Humidity range 45%-80% relative humidity

Humidity sensor and fan control

Rating A	Rating V/AC	Rating Hz	Description	Color suffix	Catalog no.
15	120	60	Humidity sensor and bath fan control	W	☐HDFS3P1__

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C2 (Color Change Kit: LA, W, V)

B	BK	GY	LA	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

LA	W	V	BK	B	GY
C2 Color Kit			C7 Color Kit		
LA (Light Almond), W (White), V (Ivory)			BK (Black), B (Brown), GY (Gray)		

Specification information: Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

The Eaton difference

Timers

Timers control lights and fans with the touch of a button while ensuring the devices will not be left on. Using timers for landscape lighting, closets, attics, basements, garages and utility areas can lower energy costs and prevent lights being left on for days.



Timer family

Hour & minute timers



E-19

Astronomic timer



E-18

Specific solutions for today's needs



Energy savings

Timers are programmable hour or minute time delay with convenient presets for lights and fans. Timers automatically turn ON/OFF after preset time and assist in energy savings.
See pages E-19- E-20



Flexibility

Timers are compatible with most popular load types: INC/HAL, MLV, ELV, CFL, FLR and LED. Timers are perfect for bathrooms, pool, spa and outdoor areas.
See pages E-19- E-20

Minute & hour timers

Product description

Single pole
15A, 120V/AC; 1800W
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED



PT18M



PT18H

Design features

- Automatically turns lights/fans ON/OFF after preset time
- Perfect for retrofit with no neutral required for installation
- Available in both hours and minutes versions
- Five (5) preset time intervals
- Easily programmable to alternate time intervals to suit your needs
- Works with all popular load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, and LED
- Horsepower rated for 1/4 HP motor loads
- LED indication of time interval selected and countdown
- Color change faceplate kits available

Timers

Rating A	V/AC	W	Description	Color suffix	Catalog no.
15	120	1800	5-button minute timer with OFF, single pole	B, BK, GY, LA, W, C1, C2	☐PT18M__
			5-button hour timer with OFF, single pole	B, BK, GY, LA, C2	☐PT18H__

cULus Listed to UL60730-1A & 60730-2-7, file no. E325082; certified to E60730-2-9:01; NOM certified

Color change kits for minute and hour timers

Description - **Minute timer**	Color suffix	Catalog no.	Description - **Hour timer**	Color suffix	Catalog no.
Color change kit 1 (5, 10, 15, 30, 60)	BK, GY, LA, V, W	☐PT1MK-__-P	Color change kit 1 (1, 2, 4, 8, 12)	BK, GY, LA, V, W	☐PT1HK-__-P
Color change kit 2 (5, 10, 20, 30, 60)		☐PT2MK-__-P	Color change kit 2 (1, 3, 6, 9, 12)		☐PT2HK-__-P
Color change kit 3 (5, 15, 30, 45, 60)		☐PT3MK-__-P	Color change kit 3 (2, 4, 8, 12, 24)		☐PT3HK-__-P
Color change kit 4 (1, 5, 10, 15, 30)		☐PT4MK-__-P	Color change kit 4 (30, 1, 2, 4, 8)		☐PT4HK-__-P
Color change kit 5 (1, 10, 15, 20, 30)		☐PT5MK-__-P	Color change kit 5 (15, 30, 1, 2, 4)		☐PT5HK-__-P

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C1 (Color Change Kit: A, W, V) , C2 (Color Change Kit: LA, W, V)

B	BK	GY	LA	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

A	W	V	LA	W	V
C1 Color Kit			**C2 Color Kit**		
A (Almond), W (White), V (Ivory)			LA (Light Almond), W (White), V (Ivory)		

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

Astronomic programmable timer

Product description

Single pole, 3-way
1800W, 120V/AC, 60Hz

Design features

- For use with lights and motors up to 1800 Watts
- 4 operating modes: manual, automatic, random, count down
- Automatic daylight savings function - no need to reprogram
- Connections: single pole or 3-way
- 7 customizable settings protected during power outage by built-in back-up battery that lasts up to 14 days
- California Title 24 compliant
- Battery is not replaceable



AT18HM

Astronomic programmable timer

Rating A	Rating V/AC	W	Description	Color suffix	Catalog no.	TITLE 24
15	120	1800	Astronomic programmable timer	W	☐AT18HM__	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: W (White)

W
(White)

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

Commercial dimmers & sensors

Eaton's sensors and dimmers are cost-effective solutions for commercial lighting control installations. With Eaton's solutions you have the right control every time.



Commercial dimmer & sensor families

0-10V dimmers



E-22

Dimmer sensors



E-23

Commercial occupancy sensors



E-24

Commercial ceiling sensors



E-25

Specific solutions for today's needs



Commercial universal dimmers

High wattage and dual rated, cost effective solution for commercial lighting control installations.

See pages E-22



Commercial occupancy & vacancy sensors

Different types of sensor technologies have been designed to overcome a variety of diverse room layout challenges and optimize energy savings.
See pages E-24



Commercial ceiling sensors

Ceiling or wall/corner mount, these sensors enhance energy savings by offering self-sensing features which continually adjust to the sensitivity of the sensor to meet the needs of each space. Other features include dual relays with daylight sensing.
See page E-25

Commercial dimmers

0-10V dimmers

Product description

Single pole & 3-way
1200W/VA, 1600W/VA, 120V/AC or 277V/AC
LED, fluorescent, 0-10V ballasts



DF10P



SF10P

Design features

- Preset feature allows user to return to previous light setting when turning lights on
- Integrated linear slide control for easy, precise operation
- All units are available in combined single pole/
- 3-way versions
- Device can be wired into either 3-way location (load side or line side)
- Neutral is not required for installation of device
- Power failure memory
- Electrostatic discharge protection
- Precise color matching to match room decor
- Compatible with any decorator wallplate
- Adjustable high-end trim

0-10V decorator dimmer, back & side wire

Rating Watt	V/AC	Compatible lamp types	Description	Color suffix	Catalog no.
1200	120	Dimmable LED/FLR 0-10V ballasts	Decorator dimmer, single pole/3-way, preset	C1, C2, C4, C5	☐DF10P-__
1600	277				
—	—	—	Color change faceplate for DF10P	BK, GY, LA, V, W	☐DCK1-__

cULus Listed to UL1472, file no. E47967; NOM certified

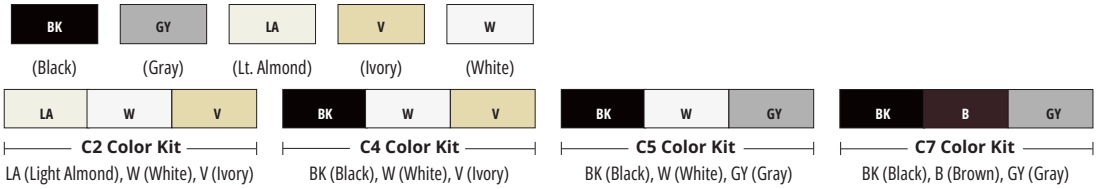
0-10V slide dimmer, back & side wire

Rating Watt	V/AC	Compatible lamp types	Description	Color suffix	Catalog no.
1200	120	Dimmable LED/FLR 0-10V ballasts	Slide dimmer, single pole/3-way, preset	B, BK, GY, LA, V, W	☐SF10P-__
1600	277				

cULus Listed to UL1472, file no. E47967; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C2 (Color Change Kit: LA, W, V), C4 (Color Change Kit: BK, W, V), C5 (Color Change Kit: BK, W, GY), C7 (Color Change Kit: BK, B, GY)



Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates CA Title 24 compliant

0-10V Occupancy & vacancy dimmer sensors

Product description

Single pole & 3-way
10A @ 120V/AC
8A @ 277V/AC
0-10VDC FLR and LED ballasts



OS10D7

Design features

- 3-in-1 device combining dimming, switching and motion sensing
- Digital PIR sensor for occupancy (Auto ON/Auto OFF) and vacancy (Manual ON/Auto OFF) sensing
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Full-range preset dimming control provided with horizontal dim/bright bar
- Green LED indicates motion detection
- Selectable ambient light override in occupancy sensor models
- Selectable time delay of 15 seconds (Test mode, changes to 2 minutes after 2 minutes of powering up), 5 minutes (factory default), 15 minutes and 20 minutes
- Occupancy Sensor version can be toggled between Auto ON/Auto OFF or Manual ON/Auto OFF
- Compatible with any decorator wallplate or screwless decorator wallplate
- Neutral required for installation of device

Occupancy & vacancy dimmer sensors

Description	Compatible lamp types	Rating Watt	Rating V/AC	Color suffix	Catalog no.
Occupancy sensor & dimmer with LED single pole/3-way preset	0-10VDC LED/FLR	1200 2200	120 277	BK, GY, LA, V, W	☐ OS10D7-__
Vacancy sensor & dimmer with LED single pole/3-way preset	0-10VDC LED/FLR	1200 2200	120 277	W	☐ VS10D7-__

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

BK	GY	LA	V	W
(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Dimensional information: E-26, E-27 **Specification information:** Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

Commercial motion sensors

Commercial sensor switches

Design features

- Selectable automatic ON mode or manual ON mode
- Convenient installation and test mode for set up
- Adjustable built-in light level sensor for additional energy savings
- Selectable time delay
- For use with incandescent lamps, halogen fixtures, electronic and magnetic fluorescent ballasts, and electrical motor loads
- Wallplate included with OSP10 & OSD10 models
- Dual rated: 120V and 277V in the same unit
- Single pole or 3-way wiring
- Manual OFF push button can be used in either automatic or manual mode
- Reinforced lens is tamper-resistant
- Zero-crossing switching technology to maximize relay life and ensure wall switch longevity
- Fits standard size decorator wallplate



OSP10D



OSP10M



OSD10DN

Wire leads – wall mount PIR with instinct (no neutral)

Coverage area	Description	Color suffix	Catalog no.
1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m)	180° passive infrared single relay occupancy sensing wall switch	GY, V, W	☐OSP10-__
	180° passive infrared dual relay occupancy sensing wall switch	GY, V, W	☐OSP10D-__

cULus listed

Wire leads – wall mount PIR (no neutral)

Coverage area	Description	Color suffix	Catalog no.
1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m)	180° passive infrared single relay occupancy sensing wall switch	BK, LA, V, W	☐OSP10M-__

cULus listed

Wire leads – wall mount dual tech with instinct (neutral required)

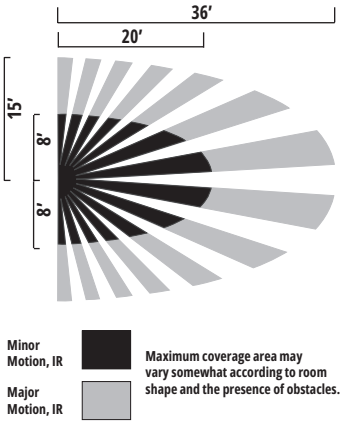
Coverage area	Description	Color suffix	Catalog no.
1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m)	180° dual tech single relay occupancy sensing wall switch	BK, GY, LA, V, W	☐OSD10N-__
	180° dual tech dual relay occupancy sensing wall switch	BK, V, W	☐OSD10DN-__

cULus listed

Electronic specifications

OSP10, OSP10D, OSD10N, OSD10DN	OSP10M
Power requirements: 120/277VAC @ 60Hz	Power requirements: 120/277VAC @ 60Hz
Maximum load: Incandescent/halogen: @120V: 6.7A, 800W, 60Hz Fluorescent: @120V: 10A, 1200W, 60Hz @277V: 9.8A, 2700W, 60Hz Motor: @120V: 1/4 HP @125 V/AC	Maximum load: Incandescent/halogen: @120VAC, 60Hz: 15A, 1800W Magnetic ballast (Fluorescent, MLV): @120VAC, 60Hz: 15A, 1800VA @277VAC, 60Hz: 8A, 2200VA Electronic ballast (Fluorescent, CFL/LED/ELV lighting): @120VAC, 60Hz: 10A, 1200VA @277VAC, 60Hz: 8A, 2200VA Motor: @120VAC, 60Hz; 1/2 Hp

Coverage area



Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

BK	GY	LA	V	W
(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Testing & code compliance: Listed to UL508 (UL244A for OSP10M), California Title 24 Energy Code compliant
Material characteristics: Flammability meets UL94 requirements; V0 rated, Temperature Rating: 0°C to 40°C (32°F to 104°F)
Compliances, specifications and availability are subject to change without notice.

Commercial ceiling sensors

Product description

Coverage: 500, 1000, 2,000 sq ft
Frequency: 40, 32kHz
Technology: Dual technology, Passive infrared (PIR), Ultrasonic

Commercial ceiling sensors sample number:
~~AHAC-DT-0501~~

Technology
DT = Dual Tech **P** = Passive Infrared (PIR) **U** = Ultrasonic



AHAC-U-2000-MV



AHAWC-DT-120W



AHSP20-MV

Design features

- MicroSet self-adjusting time delay and sensitivity
- Units available for control of single or two separate loads
- Products tested to NEMA WD 7 - 2011 Occupancy Motion
- Sensors Standard
- Built-in light level sensor (Line voltage only)
- Selectable walk through mode (Low voltage only)
- Dual relay control (Low voltage only)

Commercial ceiling sensors

Description	Coverage	Field of view	Frequency	Features	Catalog no.
MicroSet dual tech low voltage	500 sq. ft.	One way (180°)	40 kHz	—	☐ AHAC-DT-0501
	1,000 sq. ft.	Two way (360°)	32 kHz	—	☐ AHAC-DT-1000
	2,000 sq. ft.	Two way (360°)	32 kHz	—	☐ AHAC-DT-2000
MicroSet dual tech line voltage	2,000 sq. ft.	Two way (360°)	32 kHz	Dual relay with daylight sensor	☐ AHAC-DT-2000-DMV
	2,000 sq. ft.	Two way (360°)	32 kHz	With daylight sensor	☐ AHAC-DT-2000-MV
MicroSet PIR low voltage	500 sq. ft.	(360°)	—	—	☐ AHAC-P-0500
	1,500 sq. ft.	(360°)	—	—	☐ AHAC-P-1500
MicroSet PIR line voltage	500 sq. ft.	(360°)	—	With daylight sensor	☐ AHAC-P-0500-MV
	500 sq. ft.	(360°)	—	Dual relay with daylight sensor	☐ AHAC-P-0500-DMV
	1,500 sq. ft.	(360°)	—	With daylight sensor	☐ AHAC-P-1500-MV
	1,500 sq. ft.	(360°)	—	Dual relay with daylight sensor	☐ AHAC-P-1500-DMV
MicroSet ultrasonic low voltage	500 sq. ft.	One way (180°)	40 kHz	—	☐ AHAC-U-0501
	2,000 sq. ft.	Two way (360°)	32 kHz	Dual relay with daylight sensor	☐ AHAC-U-2000
MicroSet ultrasonic line voltage	2,000 sq. ft.	Two way (360°)	32 kHz	Dual relay with daylight sensor	☐ AHAC-U-2000-DMV
	2,000 sq. ft.	Two way (360°)	32 kHz	With daylight sensor	☐ AHAC-U-2000-MV
Dual tech wall/corner sensor	1,200 sq. ft.	Wide angle (120°)	—	—	☐ AHAWC-DT-120W
	90 linear ft.	(180°)	—	—	☐ AHAWC-P-009L-H
MicroSet STEM accessory	—	—	—	—	☐ AHAC-STEM
Heavy duty switch pack	—	—	—	Capable of switching up to 20A	☐ AHSP20-MV

Color ordering information:

W (White)

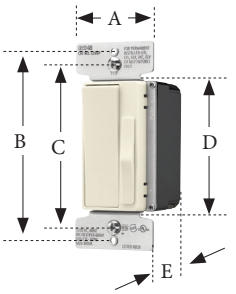
W
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Compliances, specifications and availability are subject to change without notice.

Dimensional data

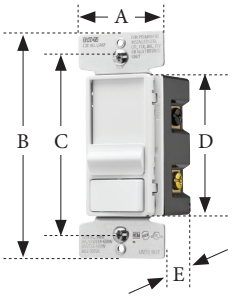
Decorator dimmers and fan speed controls

Family	A	B	C	D	E
600W dimmers (LD06P)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.62" (66.5mm)	1.31" (33.4mm)
Fan speed controls (DFS15P1)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.69" (68.3mm)	1.28" (32.6mm)



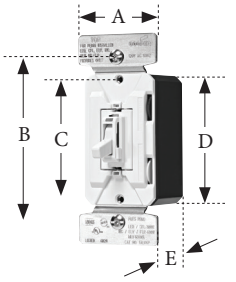
Slide dimmers and fan speed controls

Family	A	B	C	D	E
600W dimmers (LS06P)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.62" (66.5mm)	1.27" (32.2mm)
Fan speed controls (SFS15)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)
Fan speed controls (SFS15P, SFS5P)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)
Combination dimmer & fan speed control (SDC15)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)



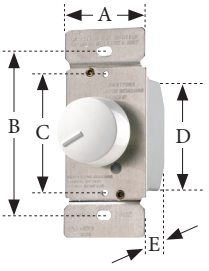
Toggle dimmers and fan speed controls

Family	A	B	C	D	E
600W dimmers (TUL06P)	1.8" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.71" (68.8mm)	1.25" (31.8mm)
Fan speed controls (TFS15P1, TFS5)	1.8" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.30" (58.4mm)	1.55" (39.8mm)



Rotary dimmers and fan speed controls

Family	A	B	C	D	E
600W dimmers (RI06)	1.72" (43.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.71" (68.8mm)	1.41" (35.8mm)
1000W dimmers (RI101)	1.72" (43.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.71" (68.8mm)	1.43" (36.3mm)
Fan speed controls (RFS5, RFS15)	1.72" (43.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.71" (68.8mm)	1.41" (35.8mm)
Combination dimmers & fan speed control (RDC15, RDC25)	1.72" (43.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.63" (66.8mm)	1.52" (38.6mm)

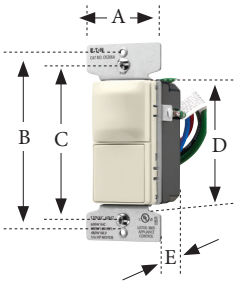


Compliances, specifications and availability are subject to change without notice.

Dimensional data

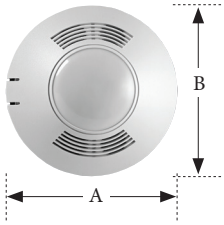
Occupancy & vacancy sensors

Family	A	B	C	D	E
Occupancy/vacancy sensors (OS306A, OS310A, VS306M, VS310M)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.62" (66.5mm)	1.14" (28.9mm)
Occupancy sensor with nightlight (OS310U)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.40" (35.6mm)
Occupancy/vacancy dual switch sensors (OS310R, VS310R)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.40" (35.6mm)
Occupancy/vacancy dimmer sensors (OSUL06D, VSUL06D)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.40" (35.6mm)
Occupancy/vacancy 0-10V dimmer sensors (OS10D7, VS10D7)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.40" (35.6mm)
Commercial Sensor (OSP10M)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.40" (35.6mm)



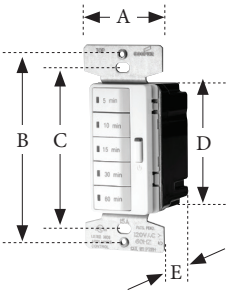
Commercial ceiling sensors

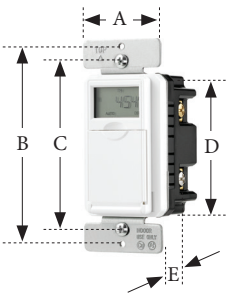
Family	A	B
Ceiling Sensors (AHAC-P-1500-MV, AHAC-DT-2000-MV)	3" (76.2mm)	2.19" (55.6mm)



Timers

Family	A	B	C	D	E
Timers (PT18M, PT18H)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.39" (35.4mm)
Astronomic Timer (AT18HM)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.39" (35.4mm)





Compliances, specifications and availability are subject to change without notice.