

SECTION  
**A**



# 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, architectural and wireless devices can reduce energy usage, improve ambiance and enhance the elegance of a room.



**Z-Wave  
wireless collection**  
A-2



**Aspire design  
collection**  
A-14



**Dimmers & lighting  
controls**  
A-22



**Occupancy &  
vacancy sensors**  
A-32



**Timers**  
A-38


# Z-Wave wireless collection

Experience the elegance of sophisticated design combined with robust, reliable, and scalable wireless technology. Set the mood for family movies, entertaining friends, or a romantic dinner by controlling lighting, thermostats, and even appliances.



## Z-Wave wireless collection

Z-Wave controllers, accessories & keypads




**A-4–A-6**

Z-Wave smart dimmers




**A-7**

Z-Wave switches



**A-9**

Z-Wave receptacles



**A-10**

Z-Wave lighting control accessories



**A-11–A-12**

## Z-Wave wireless collection colors

Aspire colors:



Alpine White



Desert Sand



Silver Granite



White Satin

Decorator colors:



Black



Lt. Almond



White

# The Eaton Z-Wave difference

- Great for new construction or remodeling; no new wiring is needed
- Versions with no neutral are great for remodeling/retrofit applications
- Powered by Z-Wave® technology; compatible with other Z-Wave networked devices
- Control over 200 devices with a single controller locally or via a computer remotely
- Each device in the network can be personalized for easy reference
- Simple and intuitive programming
- Pre-programmed settings provide energy savings and comfort
- Programmable rapid and delayed fading
- Wall-mounted devices available in seven color finishes
- One Z-Wave switch or dimmer can control up to five Z-Wave devices
- Turn lights ON and OFF and adjust the light intensity to create any mood or environment with a single touch on one of the Z-Wave controllers
- LED light-level display that is visible in full daylight and dims in intensity when lights are turned OFF
- Add non-Z-Wave household items to the network by plugging them into Z-Wave receptacles
- Line of Title 24 compliant dimmers



## Specific Z-Wave wireless solutions for today's needs



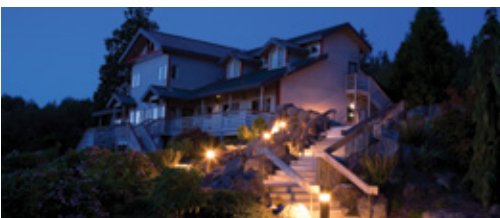
### Energy savings

Z-Wave facilitates "going green" by providing products that help you reduce your energy usage while improving ambiance and enhancing the elegance of the rooms.

See pages A-4 to A-11



RF9540-NAW



### Safety & security

Arrive home to a well-lit house, create a safe lighted pathway as you enter the home with the touch of a button, or create a "lived-in" look to enhance security when you are away.

See pages A-4 to A-11



RFWC5WS



### Convenience & automation

Add comfort with preprogrammed settings, create any lighting scenario or control appliances house-wide with intelligent wireless technology and a wide range of device solutions.

See pages A-4 to A-11



Shown:  
RFHDCSG

**Wireless Z-Wave controllers**

**Product description**

Primary or secondary Z-Wave controllers  
AA batteries or 120V/AC 5V/DC power supply  
120-240V, 50/60Hz power supply



RFHDCSG

**Design features - RFHDCSG**

- Network is controlled using Z-Wave technology
- One is required per job for commissioning or system modification
- Provides seamless integration working with all Z-Wave Collection components and a comprehensive array of third party devices
- Easy user-interface guides user step by step through the installation process
- Handheld controller offers unique one-touch keypad options for lighting scenes and sequences
- Handheld controller offers All ON, All OFF and panic buttons for energy savings and security functions
- Control your Z-Wave network from any location using a handheld controller
- Handheld controller is a fan-less, diskless design for ultimate mechanical reliability

**Handheld controllers** **FC**

Description	Catalog no.
Handheld controller, battery operated (2 AA batteries)	<input type="checkbox"/> RFHDCSG
Complies with FCC Part 15, Class B; Z-Wave compliant certified	

**Dimensional information:** A-41 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

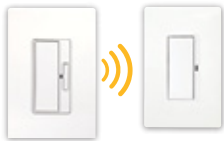
## Anyplace Z-Wave battery operated switch and combination kits

### Product description

15A 120V/AC, 60Hz (in wall devices and plug-in module)

### Design features

- Conveniently add a switch wherever you need it - no need for additional wiring
- Can be used in combination with Z-Wave switches, dimmers and receptacles
- Can be used in existing Z-Wave network or as a stand-alone controller
- Controls up to 5 Z-Wave devices
- Eliminates the need for a separate controller
- Mounts on any flat surface for additional convenience
- Includes 2 CR2025 batteries
- Includes 2 pieces of double-sided tape as well as mounting screws and anchors for maximum installation flexibility
- Available in Aspire and decorator styles



Anyplace switch with RF switch



Anyplace switch with RF dimmer



Anyplace switch with RF receptacle



Anyplace switch with RF module

Combination kits available in decorator (shown) and Aspire series. Anyplace switch includes screwless wallplate.

### Anyplace RF battery operated combination kits



Description	Series	Color	Catalog No.
Anyplace switch (RF9575DW) w/Z-Wave switch (RF9501DW)	Decorator	DW	<input type="checkbox"/> RFAS01DW
Anyplace switch (RF9575DW) w/Z-Wave dimmer (RF9540-NDW)	Decorator	DW	<input type="checkbox"/> RFAS40DW
Anyplace switch (RF9575DW) w/Z-Wave receptacle (RFTR9505-TAW)	Decorator	DW	<input type="checkbox"/> RFAS05DW
Anyplace switch (RF9575DW) w/Z-Wave appliance module (RFAPM)	Decorator	DW	<input type="checkbox"/> RFASAPMDW
Anyplace switch (RF9575DW) w/Z-Wave lamp dimming module (RFLDM)	Decorator	DW	<input type="checkbox"/> RFASLDMDW
Anyplace switch (RF9575AW) w/Z-Wave switch (RF9501AW)	Aspire	AW	<input type="checkbox"/> RFAS01AW
Anyplace switch (RF9575AW) w/Z-Wave dimmer (RF9540-NAW)	Aspire	AW	<input type="checkbox"/> RFAS40AW
Anyplace switch (RF9575AW) w/Z-Wave receptacle (RFTR9505-TAW)	Aspire	AW	<input type="checkbox"/> RFAS05AW
Anyplace switch (RF9575AW) w/Z-Wave appliance module (RFAPM)	Aspire	AW	<input type="checkbox"/> RFASAPMAW
Anyplace switch (RF9575AW) w/Z-Wave lamp dimming module (RFLDM)	Aspire	AW	<input type="checkbox"/> RFASLDMAW

Complies with: FCC, cULus, ANCE, NOM certified

### Anyplace Switch



Description	Aspire color suffix	Decorator color suffix	Catalog no.
Battery operated anyplace switch	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9575__

Complies with: FCC, cULus, NOM/ANCE certified

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

#### Aspire series color options:

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

#### Decorator series color options:

DBK	DLA	DW
(Decorator Black)	(Decorator Light Almond)	(Decorator White)

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

### Z-Wave scene control keypads

#### Product description

5-Scene control  
60Hz, 120V/AC

#### Design features

- Activates scenes associated with Z-Wave devices and other Z-Wave compliant devices
- Provides individual scene DIM/BRIGHT function by pressing and holding any active (ON) scene's button
- Stores up to 5 scenes for activation (ON/OFF)
- Fits standard-sized wallbox and utilizes existing 120V/AC 60Hz wiring (neutral required)
- Oval side button provides easy access for turning off all devices associated with scene keypad
- Blue LED provided on each button for scene status notification
- Blue LEDs provide location feature by dimming when scene has been deactivated
- Transfer function on primary controllers allows user to easily copy scene information from controller to each button on scene keypad
- Patented indicator system alerts if scene keypad is not set up in the network
- Aesthetically matches the Aspire design collection and compatible with Aspire screwless wallplates for a unified look across Z-Wave and traditional devices



RFWC5WS

#### Wall mount 5-scene keypad



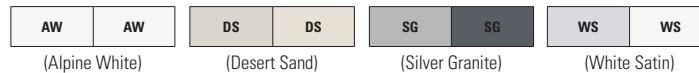
Rating		Description	Aspire color suffix	Decorator color suffix	Catalog no.
Hz	V/AC				
60	120	Wall mount 5-button keypad	AW, DS, SG, WS	DBK, DLA, DW	□ RFWC5__
		5-button keypad kit	AW, DS, SG, WS	DBK, DLA, DW	□ RFWC5K__

Complies with FCC Part 15, Class B; CULus Listed to UL1472, file no. E47967, certified to CSA C22.2 no. 187.1, NOM certified

#### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

#### Aspire series color options:



#### Decorator series color options:



**Dimensional information:** A-41 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

## Z-Wave all load smart dimmers

### Product description

Single-pole, 3-way, multi-location  
120V/AC, 60Hz

Rated for all common lighting loads—dimmable LED, dimmable CFL, INC/HAL, ELV, MLV, FLR

### Design features

- Rated for use with 300W of dimmable LED or CFL, and 600W of incandescent, magnetic low-voltage, electronic low-voltage and dimmable fluorescent
- Adjustable low-end and high-end dimming range to prevent lamp flickering
- Selectable rapid start feature to ensure lamp start-up at low preset light levels
- No de-rating required in multi-gang installations
- Compatible with Z-Wave accessory dimmer (RF9542-Z) for wireless 3-way control, eliminating the need for traditional 3-way wiring or dedicated traveller wire
- Can be associated with up to 5 other devices
- Air-gap switch disconnects power from load forcing an OFF condition
- Neutral wire required for installation
- Decorator and Aspire style products offer the same functionality with two distinct styles
- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- Seven step blue LED display alongside push pad indicates selected light level and reduces brightness when OFF (nightlight feature)
- Programmable rapid and delayed fading up to 4 minutes (default is 10 seconds)
- Adjustable ramp rate (up to 4 minutes) for safety and convenience
- Child lockout feature
- Pressing and holding push pad for 2 seconds brings light to full brightness without affecting preset levels
- Title 24 compliant



RF9540-NAW



RF9540-NDW

### Z-Wave all load smart dimmer master



Rating W/AC	Rating V/AC	Rating Hz	Compatible lamp types	Description	Aspire color suffix	Decorator color suffix	Catalog no.	TITLE 24
300	120	60	Dimmable LED/CFL	Z-Wave smart dimmer master, single-pole/multi-location with presets and LEDs, neutral required	AW, DS, SG, WS	DBK, DLA, DW	□ RF9540-N__	•
600	120	60	INC, ELV, MLV, FLR					

Complies with Z-Wave, FCC, cULus, NOM certified

### Rated for all common lighting loads

- Dimmable Compact Fluorescent (CFL)
- Dimmable Light-Emitting Diodes (LED)
- Electronic & Magnetic Low-Voltage (ELV/MLV)
- Incandescent/Halogen (INC/HAL)
- Fluorescent (FLR)

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

### Aspire series color options:

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

### Decorator series color options:

DBK	DLA	DW
(Decorator Black)	(Decorator Light Almond)	(Decorator White)

**Derated information:** G-19 **Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

Indicates Title 24 compliant - Page G-4



### Z-Wave smart dimmers

#### Product description

Single-pole, 3-way, multi-location  
600W or 1000W; 60Hz, 120V/AC  
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent

#### Design features

- Turn lights ON and OFF and adjust the light intensity to create any mood or environment with a single touch on one of the Aspire Z-Wave controllers
- Versions with no neutral are ideal for remodeling/retrofit applications
- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- LED light-level display for presetting illumination levels and master/accessory units for multi-location control
- Amber LED at bottom of LED display indicates ON/OFF load status
- Seven step blue LED display indicates selected light level—and reduces brightness when OFF (location feature)
- Z-Wave accessory RF9542 works with no neutral Z-Wave dimmers to provide traditional multi-location control for up to 3 additional locations using traditional 3-way traveler wires
- All Z-Wave master dimmers can be used for multi-location control with the RF9542-Z and RF9575
- Can be associated with up to 5 other devices
- All-ON/All-OFF capability
- Panic mode capability
- Patented indicator system alerts if dimmer is not set up in the network
- Title 24 compliant



RF9536-NDW



RF9537-NDBK



RF9542-ZDS

#### Smart dimmer system master & accessories



Rating			Description	Aspire color suffix	Decorator color suffix	Catalog no.	TITLE 24
W/AC	V/AC	Hz					
600	120	60	Z-Wave smart dimmer, incandescent (no neutral required)	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9534__	•
1000	120	60	Z-Wave smart dimmer, incandescent/magnetic low voltage	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9536-N__	•
			Z-Wave smart dimmer, incandescent (no neutral required)	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9536__	•
			Z-Wave smart dimmer, electronic low voltage	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9537-N__	•
			Z-Wave accessory w/LEDs, compatible with Z-Wave master dimmers (neutral required)	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9542-Z__	
120	60		Non-RF accessory w/LEDs, compatible only with RF9534 & RF9536 (no neutral required)	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9542__	

\*RF9575 Anyplace switch can also be used as accessory dimmer with Z-Wave master dimmer for hassle free installation  
Complies with Z-Wave, FCC (except RF9542), cULus, NOM certified

#### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

#### Aspire series color options:



#### Decorator series color options:



**Dimensional information:** A-41 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)

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

**TITLE 24** Indicates Title 24 compliant - Page G-4

## Z-Wave switches

### Product description

Single-pole, 3-way, multi-location  
 8A or 15A, 60 Hz, 120V/AC  
 LED, CFL, incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent

### Design features

- Compatible with Z-Wave accessory switch (RF9517) for wireless 3-way control eliminating the need for traditional 3-way wiring (up to 5 locations)
- Electro-mechanical push button for ON/OFF operation
- Blue LED illuminates to indicate ON/OFF status
- RF9518 is compatible with RF9520 for use with traditional 3-way traveller wires
- RFI filtering for radio, audio, and video equipment
- Patented indicator system alerts if switch is not set up in the network
- Can be associated with up to 5 other devices
- Programmable delayed OFF mode (up to 4 minutes), default is 10 seconds
- Child lockout feature
- All-ON/All-OFF capability
- Panic mode capability
- Configurable "Power ON status" (ON/OFF/last level)
- The Aspire design collection is compatible with Aspire screwless wallplates for a unified look across Z-Wave and traditional devices



RF9501AW



RF9501DW



RF9518DBK



RF9500AW

Switches   

A	Rating V/AC	Hz	Description	Aspire color suffix	Decorator color suffix	Catalog no.
15	120	60	Z-Wave switch 15A single-pole; LED, CFL, incandescent, magnetic low-voltage, electronic low-voltage, fluorescent	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9501__
8	120	60	Z-Wave switch 8A single-pole, no neutral required, incandescent only	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9518__
	120	60	Accessory Z-Wave switch, compatible with RF9501 and RF9518	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9517__
8	120	60	Non-RF accessory switch, compatible with RF9518 only	AW, DS, SG, WS	DBK, DLA, DW	<input type="checkbox"/> RF9520__
			Z-Wave battery operated switch	AW, DS, SG, WS		<input type="checkbox"/> RF9500__
			Multi-gang adaptor for use with RF9500 & RF9575			<input type="checkbox"/> RF8522__

\*RF9575 anyplace switch can also be used as accessory switch with Z-Wave master switches for hassle free installation  
 Complies with FCC Part 15, Class B; CULus Listed to UL1472, file no. E47967, certified to CSA C22.2 no. 187.1; NOM certified

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

### Aspire series color options:

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

### Decorator series color options:

DBK	DLA	DW
(Decorator Black)	(Decorator Light Almond)	(Decorator White)

**Dimensional information:** A-41 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

### Z-Wave duplex receptacles

#### Product description

2-pole, 3-wire grounding  
15A, 125V/AC



5-15R



RFTR9505-TDS



#### Design features

- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- Offers UL Listed safety shutter system that prevents insertion of foreign objects into receptacle
- TR designation on face of device makes it easy to identify at a glance
- Electro-mechanical push button located at center of device for inclusion and ON/OFF operation
- Center blue LED illuminates to indicate ON/OFF status
- Provides wireless control of one outlet leaving the other one for normal use
- Child lockout feature
- Ability to be controlled remotely by other Z-Wave devices through association
- All-ON/All-OFF inclusion
- Panic mode capability
- Patented indicator system alerts if receptacle is not set up in the network
- Configurable “Power ON status” (ON/OFF/last level)
- Pre-stripped wire leads for ease of installation



#### Receptacles

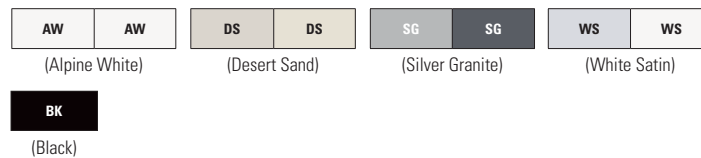


Rating		Description	Color suffix	Catalog no.
A	V/AC			
15	125	Tamper resistant NEMA 5-15R split control duplex receptacle, wire leads	AW, BK, DS, SG, WS	<input type="checkbox"/> RFTR9505-T_

Complies with FCC Part 15, Class B; cULus Listed to UL38DS, file no. E325082; NOM certified

#### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), BK (Black)



**Dimensional information:** A-41 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

Tamper resistant

## Z-Wave lighting control accessories



1-15R

### Product description

2-pole, 2-wire non-grounding  
300W, 15A 120V/AC  
600W, 120V/AC



RFLDM



RFAPM

### Design features

- Provides an upgrade for any standard receptacle with a plug-in lamp dimming module to control the light level of any lamp, or a switch module for ON/OFF operation
- Lamp dimming module's sensing feature allows lamp to be turned ON manually using the lamp's switch or the integrated ON/OFF button
- Lamp dimming module provides polarized 300W-120VAC NEMA 1-15R receptacle for use with incandescent lamps
- Lamp dimming module's electro-mechanical push button located on side of device for inclusion and ON/OFF/DIM/BRIGHT operation
- Lamp dimming module offers an adjustable ramp rate (up to 4 minutes)
- Appliance switch module provides 120V/AC NEMA 1-15R receptacle for use with a wide variety of lamps
- Appliance switch module's electro-mechanical push button located on side of device for inclusion and ON/OFF operation
- Modules can be controlled remotely by other Z-Wave devices through association of up to 5 devices
- Quiet relay switching for smooth operation
- Amber LED indicates ON/OFF load status
- Single button programming
- Can be included in scenes
- Child lockout feature
- All-ON/All-OFF inclusion
- Panic mode capability
- Patented indicator system alerts if module is not set up in the network
- Configurable "Power ON status" (ON/OFF/last level)
- Power failure memory

### Plug-in lamp dimming module

A	Rating W	V/AC	Description	Color	Catalog no.
15	300	120	Plug-in lamp dimming module	W	<input type="checkbox"/> RFLDM

Complies with FCC Part 15, Class B; cULus Listed to UL244A, file no. E325082

### Plug-in appliance switch module

A	Rating W	V/AC	Description	Color	Catalog no.
15	600	120	Plug-in switch appliance module	W	<input type="checkbox"/> RFAPM

Complies with FCC Part 15, Class B; cULus Listed to UL244A, file no. E325082

### Color ordering information:

W (White)



(White)

**Dimensional information:** A-41 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

**Aspire coordinating screwless wallplates**

**Product description**

Mid-size thermoplastic

**Design features**

- Available in three colors to coordinate with the rest of the Z-Wave product line: Desert Sand, Silver Granite and White Satin (select White Satin wallplates for Alpine White devices)
- Screwless wallplates clip smoothly into place with gentle pressure
- Clearly marked top edges make mounting wallplates easy to orient and attach
- Virtually unbreakable polycarbonate construction
- Standard decorator style opening
- Mid-size to cover wall imperfections and large wallboard openings
- Wallplates appear to float freely on the surface of the wall, framing every device beautifully
- Screw-catch feature holds backplate mounting screws captive for ease of installation



9521



9522

**Mid-size screwless wallplates**



Description	Color suffix	Catalog no.
1-gang Aspire wallplate	DS, SG, WS	□ 9521__
2-gang Aspire wallplate	DS, SG, WS	□ 9522__
3-gang Aspire wallplate	DS, SG, WS	□ 9523__
4-gang Aspire wallplate	DS, SG, WS	□ 9524__
5-gang Aspire wallplate	DS, SG, WS	□ 9525__
6-gang Aspire wallplate	DS, SG, WS	□ 9526__

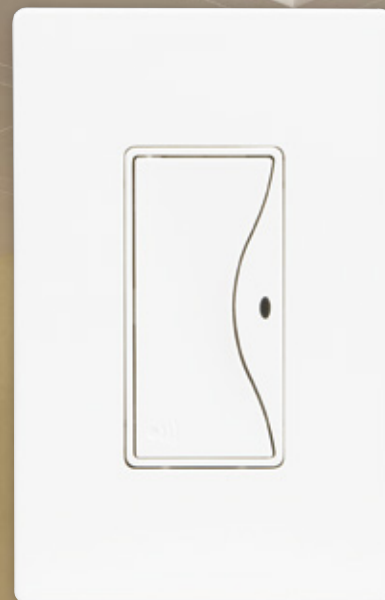
cULus Listed to UL5154D, file no. E33216

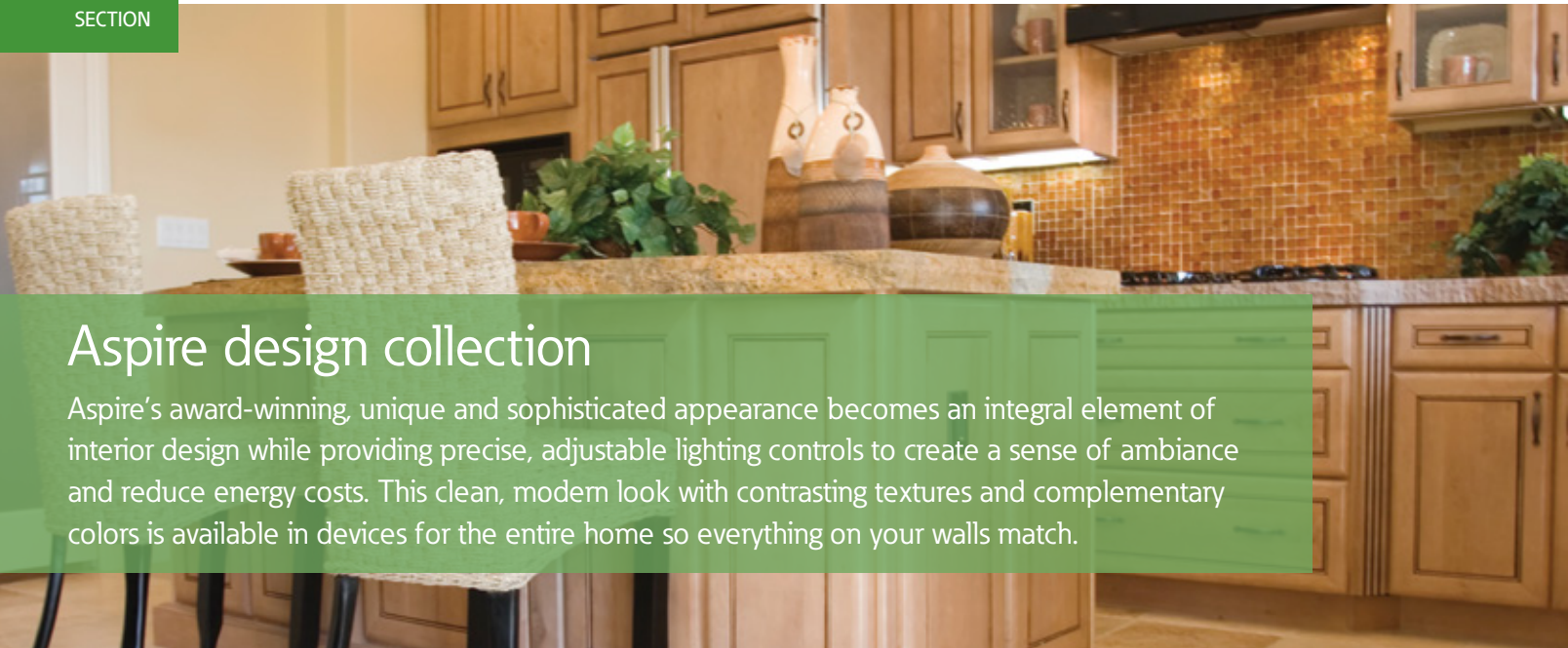
**Color ordering information:**

For ordering devices, include Catalog no. followed by the Color suffix: DS (Desert Sand), SG (Silver Granite), WS (White Satin)



**Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**





## Aspire design collection

Aspire's award-winning, unique and sophisticated appearance becomes an integral element of interior design while providing precise, adjustable lighting controls to create a sense of ambiance and reduce energy costs. This clean, modern look with contrasting textures and complementary colors is available in devices for the entire home so everything on your walls match.

### Features & benefits

- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand and Silver Granite, plus single-tone Alpine White
- All products are designed for ease of installation
- Award-winning architectural design that becomes an integral element of décor
- 4 coordinating color and texture combinations designed for today's homes
- Affordable luxury upgrade
- Wide array of devices to cover every application for a complete, finished look throughout an entire home
- Smooth, quiet actuation with proven design features and functionality combine with quality construction to provide years of dependable service
- Line of Title 24 compliant dimmers

### Aspire Aspire collection colors

Series colors:



Alpine White



Desert Sand



Silver Granite



White Satin

### Specific Aspire collection solutions for today's needs



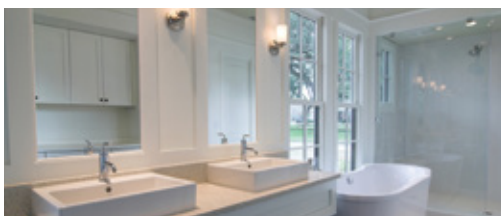
#### Setting the mood

Aspire features an award winning, stylish design and smooth, precise lighting control to set the right mood for any occasion.

See pages A-15, A-16



Shown:  
9540-NAW



#### Energy savings

Aspire features microprocessor-controlled and mechanical dimmers, as well as matching timers that provide significant energy savings in addition to ambiance and light control.

See pages A-15 to A-19



Shown:  
9590DS

## Smart dimmers

### Product description

Single-pole & multi-location  
 300W, 600W, 1000W, 120V/AC  
 Incandescent/halogen, magnetic low-voltage, electronic low-voltage, LED/CFL, fluorescent.

### Design features

- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand, and Silver Granite, plus single-tone Alpine White
- LED light level display for presetting illumination levels and master/accessory units for multi-location control
- Seven step green LED display alongside push pad indicates selected light level—and reduces brightness when OFF (location feature)
- Durable top and backbody
- 600W dimmers have wrap around strap to eliminate the need for de-rating for 1 or 2 gangs
- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- Preset feature allows user to return to previous light setting when turning lights ON
- Illumination level may be adjusted with switch in on or off position
- 10 second delayed-OFF feature by pressing and holding push pad for 2 seconds when dimmer is ON
- Pressing and holding push pad for 2 seconds when dimmer is off brings light to full brightness
- Amber LED at bottom of LED display indicates ON/OFF load status
- Master controls as many as 5 accessory units for multiple location installations
- Adjustable low-end and high end trimming to prevent lamp flickering
- Title 24 compliant (Except 9542)



9534



9537



9542

### Smart dimmer system master & accessories



W	Rating		Description	Color suffix	Catalog no.	TITLE 24
	V/AC					
300	120		Smart dimmer, single-pole/ 3-way, incandescent/halogen, dimmable LED/CFL, magnetic low-voltage, electronic low-voltage	AW, DS, SG, WS	□9540-N_	•
600	120		Smart dimmer, incandescent/halogen, magnetic low-voltage, electronic low-voltage	AW, DS, SG, WS	□9534__	•
1000	120		Smart dimmer, incandescent/halogen, magnetic low-voltage, single-pole	AW, DS, SG, WS	□9536__	•
			Electronic low-voltage, single-pole	AW, DS, SG, WS	□9537__	•
—	—		Accessory dimmer, multi-location	AW, DS, SG, WS	□9542__	

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

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)



**Derated information:** G-19 **Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

**TITLE 24** Indicates Title 24 compliant - Page G-4



### Slide dimmers

#### Product description

Single-pole & 3-way  
 300W, 600W or 1000W, 120V/AC  
 Incandescent/halogen, magnetic low-voltage, electronic low-voltage, LED/CFL, fluorescent

#### Design features

- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand, and Silver Granite, plus single-tone Alpine White
- All units are available in combined single-pole/3-way versions
- Replaces a standard switch and offers dimming capabilities
- Neutral is not required for installation of device
- Dimmers can be adjusted with or without the lights on; preset feature returns the light level to its prior setting without readjustment
- Electrostatic discharge protection
- Incandescent/halogen and magnetic low-voltage offered in single unit versions
- Power failure memory
- Square law dimming—perceived dimming level is proportional to the slider position
- Durable top and backbody for long reliable performance
- Switch has quiet, smooth actuation
- Title 24 compliant



9530



9532



9568



9573

#### Slide dimmers

Rating	W	V/AC	Description	Neutral	Color suffix	Catalog no.	TITLE 24
600	120		Incandescent/halogen, magnetic low-voltage dimmer, single-pole /3-way with preset	N	AW, DS, SG, WS	<input type="checkbox"/> 9530__	•
			Electronic low-voltage dimmer, single-pole/3-way with preset	N	AW, DS, SG, WS	<input type="checkbox"/> 9531__	•
1000	120		Incandescent/halogen, magnetic low-voltage dimmer, single-pole /3-way with preset	N	AW, DS, SG, WS	<input type="checkbox"/> 9532__	•
			Electronic low-voltage dimmer, single-pole/3-way with preset	N	AW, DS, SG, WS	<input type="checkbox"/> 9533__	•

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

#### Fluorescent dimmers

Rating	A	W/VA	V/AC	Description	Neutral	Color suffix	Catalog no.	TITLE 24
8	1000	120		Fluorescent dimmer, single-pole/3-way with preset Mark 10 <sup>®</sup> , AmbiStar <sup>®</sup> & Tu-Wire <sup>®</sup> compatible	Y	AW, DS, SG, WS	<input type="checkbox"/> 9568__	•
				Fluorescent dimmer, single-pole/3-way with preset Mark 10 <sup>®</sup> , compatible	Y	AW, DS, SG, WS	<input type="checkbox"/> 95687__	•

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

#### LED & compact fluorescent dimmers

Rating	W	V/AC	Description	Neutral	Color suffix	Catalog no.	TITLE 24
300	120		LED/CFL, single-pole/3-way	Y	AW, DS, SG, WS	<input type="checkbox"/> 9573__	•
600	120		Incandescent/halogen	Y			


For a list of compatible dimmable LED & CFL lamps and fixtures, see product page at [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices).  
 cULus Listed to UL1472, file no. E47967; NOM certified

#### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)



**Derated information:** G-19 **Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

 Indicates Title 24 compliant - Page G-4

## Fan speed controls

### Product description

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



9543

### Design features

- Quiet fan speed controls versions have special circuitry to reduce fan motor noise at low speeds
- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand, and Silver Granite, plus single-tone Alpine White
- All units are available in combined single-pole/3-way versions
- Replaces a standard switch and adds fan control capabilities
- Neutral is not required for installation of device
- Electrostatic discharge protection
- Radio frequency interface filtering is standard on all models
- Power failure memory
- Virtually unbreakable top and backbody
- Switch has quiet, smooth actuation
- Easy-access ground screws
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility

### Fan speed controls

Rating		Description	Color suffix	Catalog no.
A	V/AC			
1.5	120	Quiet 3-speed fan control, single-pole/3-way, side wire	AW, DS, SG, WS	□ 9544__
5	120	Fully variable fan speed control, single-pole/3-way, side wire	AW, DS, SG, WS	□ 9543__

cULus Listed to UL1917, file no. E202842; NOM certified

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

**Derated information:** G-19 **Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

### Timers

#### Product description

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



9591

#### Design features

- Perfect for both new construction and 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
- Color change faceplate kits available
- 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

Timers 

A	Rating V/AC	W	Description	Color suffix	Catalog no.
15	120	1800	5-button minute timer with OFF button, single-pole	AW, DS, SG, WS, C1, C2, C3	□ 9590__
			5-button hour timer with OFF button, single-pole	AW, DS, SG, WS, C1, C2, C3	□ 9591__

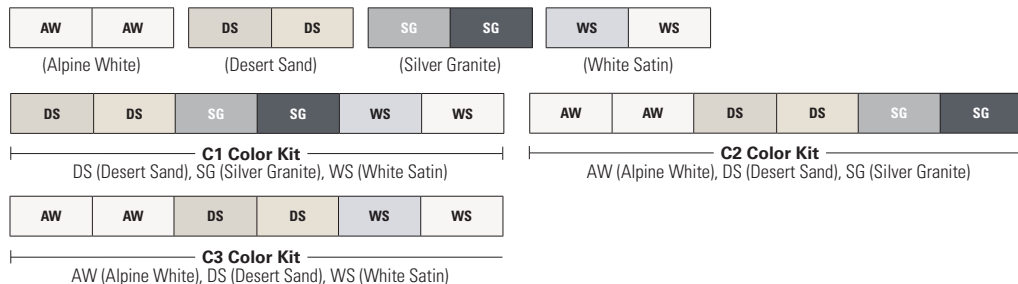
cULus Listed to UL60730-1A & 60730-2-7, file no. E325082; certified to CSA E60730-1:02 & E60730-2-9:01; NOM certified

#### Color change kits for Aspire timers

Description	Color suffix	Catalog no.
Color change kit 1 (5,10,15,30,60) for minute timer	AW, DS, SG, WS	□ 951MK__-P
Color change kit 2 (5,10,20,30,60) for minute timer	AW, DS, SG, WS	□ 952MK__-P
Color change kit 3 (5,15,30,45,60) for minute timer	AW, DS, SG, WS	□ 953MK__-P
Color change kit 4 (1,5,10,15,30) for minute timer	AW, DS, SG, WS	□ 954MK__-P
Color change kit 5 (1,10,15,20,30) for minute timer	AW, DS, SG, WS	□ 955MK__-P
Color change kit 1 (1,2,4,8,12) for hour timer	AW, DS, SG, WS	□ 951HK__-P
Color change kit 2 (1,3,6,9,12) for hour timer	AW, DS, SG, WS	□ 952HK__-P
Color change kit 3 (2,4,8,12,24) for hour timer	AW, DS, SG, WS	□ 953HK__-P
Color change kit 4 (30,1,2,4,8) for hour timer	AW, DS, SG, WS	□ 954HK__-P
Color change kit 5 (15,30,1,2,4) for hour timer	AW, DS, SG, WS	□ 955HK__-P

#### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), C1 (Color Change Kit: DS, SG, WS), C2 (Color Change Kit: AW, DS, SG), C3 (Color Change Kit: AW, DS, WS)



**Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

## Switches

### Product description

Single-pole, 3-way, 4-way  
 15A, 120/277V/AC  
 20A, 120/277V/AC

### Design features

- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand, and Silver Granite, plus single-tone Alpine White
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications
- Virtually unbreakable, ultrasonically welded top and back body
- Long, broad mounting strap virtually eliminates floating installations
- Easy-access ground screws
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Push-in terminals accept #14 AWG solid wire
- Backwire clamps (4-way models only) on the side terminals provide for easy installation of #12 and #14 AWG wire



9503



9504

**Switches**

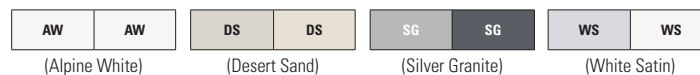
A	Rating V/AC	Description	Color suffix	Catalog no.
15	120/277	Single-pole, side wire & push wire	AW, DS, SG, WS	<input type="checkbox"/> 9501__
		3-way, side wire & push wire	AW, DS, SG, WS	<input type="checkbox"/> 9503__
		4-way, back wire & push wire	AW, DS, SG, WS	<input type="checkbox"/> 9504__*
20	120/277	Single-pole, side wire & push wire	AW, DS, SG, WS	<input type="checkbox"/> 9515__
		3-way, side wire & push wire	AW, DS, SG, WS	<input type="checkbox"/> 9516__

cULus Listed to UL20, file no. E18704

\* UL verified to Federal Spec. WC-896E; NOM certified

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)



**Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

### Aspire coordinating screwless wallplates

#### Product description

Mid-size thermoplastic

#### Design features

- Available in three distinctive colors to coordinate with the rest of the Aspire product line: Desert Sand, Silver Granite and White Satin (select White Satin wallplates for Alpine White devices)
- Screwless wallplates clip smoothly into place with gentle pressure
- Clearly marked top edges make mounting wallplates easy to orient and attach
- Virtually unbreakable polycarbonate construction
- Standard decorator style opening
- Mid-size to cover wall imperfections and large wallboard openings
- Wallplates appear to float freely on the surface of the wall, framing every device beautifully
- Screw-catch feature holds backplate mounting screws captive for ease of installation



9521



9522

#### Mid-size screwless wallplates

Description	Color suffix	Catalog no.
1-Gang Aspire wallplate	DS, SG, WS	□ 9521__
2-Gang Aspire wallplate	DS, SG, WS	□ 9522__
3-Gang Aspire wallplate	DS, SG, WS	□ 9523__
4-Gang Aspire wallplate	DS, SG, WS	□ 9524__
5-Gang Aspire wallplate	DS, SG, WS	□ 9525__
6-Gang Aspire wallplate	DS, SG, WS	□ 9526__

cULus Listed to UL5154D, file no. E33216

#### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: DS (Desert Sand), SG (Silver Granite), WS (White Satin)



**Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)

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





## 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.

### Dimmer families

All load & smart dimmers



**A-28, A-29**

Decorator dimmers & fan controls




**A-30, A-34**

Slide dimmers & fan controls



**A-31, A-34**

Toggle dimmers & fan controls




**A-32**

Rotary dimmers & fan controls



**A-33**

Fan speed controls & power extenders



**A-34, A-35**

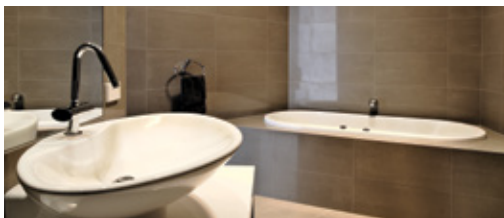
### Dimmer colors

	
Almond	Black
	
Brown	Gray
	
Ivory	Lt. Almond
	
White	

- Single-pole & 3-way combined in a single unit for most models
- Dimmers are available for the following light load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent and LED
- Wide offering of “no neutral required for installation” models
- Solid state dimming at full rated wattage capacities for energy savings and lamp life extension
- Voltage compensation on fluorescent-capable dimmers for flicker-free dimming
- Dimmer electronics have built-in surge protection
- Air-gap switches give easy power disconnection for safe re-lamping
- Power-failure memory returns lights to their previous state after a power outage
- Electronic circuitry is protected from static discharge
- Some decorator dimmers feature LED locator lights; lighted rotary and toggle version dimmers are also available
- Line of Title 24 compliant dimmers and fan speed controls



## Specific dimmer 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 A-24 to A-29

Shown:  
SAL06P-W

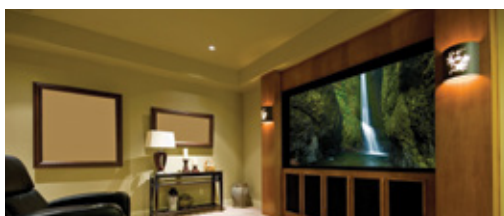


### Flexibility

With multiple decorator designs, toggle options, and color choices it's easy to replace an existing switch and maintain a pleasing aesthetic in single-gang or multi-gang installations.

See pages A-24 to A-30

Shown:  
DAL06P-C1



### Convenience & automation

Microprocessor controlled “smart” dimmers offer a variety of additional features like soft-ON, fade-OFF, delayed-OFF, and full-bypass-ON for even greater aesthetics and comfort.

See pages A-24, A-25

Shown:  
AAL06-C2





### All load dimmers

#### Product description

Single-pole & multi-location  
 600W/VA, 1000W/VA, 120V/AC  
 Rated for all common lighting loads - Dimmable LED, Dimmable CFL, INC/HAL, ELV, MLV, FLR

#### Design features

- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar (AAL06)
- 10-second delayed OFF feature (AAL06)
- LED light level display for presetting illumination levels and master/accessory units for multi-location control (AAL06)
- Adjustable low-end and high-end dimming range to prevent lamp flickering (AAL06)
- No de-rating required for CFL/LED in multi-gang installations (AAL06)
- No de-rating required in multi-gang installations (DAL06P, SAL06P, TAL06P1)
- Preset feature allows user to return to previous light level when turning lights ON (AAL06, DAL06P, SAL06P, TAL06P1)
- Adjustable low-end trim (AAL06, DAL06P, SAL06P, TAL06P1)
- Fully adjustable rapid start setting for optimal lamp start-up at low preset light levels (AAL06, DAL06P, TAL06P1)
- Each dimmer comes with color kit package which includes 3 colors (except SAL06P)
- Title 24 compliant



AAL06



DAL06P



SAL06P



TAL06P

Dimmer features	Smart AL dimmer (AAL06)	Decorator AL dimmer (DAL06P)	Slide AL dimmer (SAL06P)	Toggle AL dimmer (TAL06P1)
Rapid start feature	Selectable ON or OFF	Fully adjustable	Fixed ON	Fully adjustable
Adjustable high-end trim	•	—	—	—
Adjustable low-end trim	•	•	•	•
Wiring configurations	Single-pole or multi-location	Single-pole or 3-way	Single-pole or 3-way	Single-pole or 3-way
Color change kits	•	•	—	•

#### Rated for all common lighting loads

- Dimmable Compact Fluorescent (CFL)
- Dimmable Light-Emitting Diodes (LED)
- Electronic & Magnetic Low-Voltage (ELV)
- Incandescent/Halogen (INC/HAL)
- Fluorescent (FLR)

#### All load dimmers

Rating		Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
W/AC	V/AC					
300	120	Dimmable LED/CFL	Smart dimmer master, single-pole/ multi-location with presets and LEDs, neutral required	C1, C2, C4, C5	<input type="checkbox"/> AAL06-__	•
600	120	INC, HAL, FLR, MLV, ELV				
300	120	Dimmable LED/CFL	Decorator dimmer, single-pole/ 3-way, preset	C1, C2, C4, C5	<input type="checkbox"/> DAL06P-__	•
600	120	INC, HAL, FLR, MLV, ELV				
300	120	Dimmable LED/CFL	Slide dimmer, single-pole/3-way with preset & LED indicator	A, BK, GY, LA, V, W	<input type="checkbox"/> SAL06P-__	•
600	120	INC, HAL, FLR, MLV, ELV				
300	120	Dimmable LED/CFL	Toggle dimmer, single-pole/ 3-way preset	C1, C2, C4, C5	<input type="checkbox"/> TAL06P1-__	•
600	120	INC, HAL, FLR, MLV, ELV				

#### Color ordering information:

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

<b>A</b>	<b>BK</b>	<b>GY</b>	<b>LA</b>	<b>V</b>	<b>W</b>
(Almond)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)
<b>A</b>	<b>W</b>	<b>V</b>	<b>LA</b>	<b>W</b>	<b>V</b>
<b>C1 Color Kit</b>			<b>C2 Color Kit</b>		
A (Almond), W (White), V (Ivory)			LA (Light Almond), W (White), V (Ivory)		
<b>BK</b>	<b>W</b>	<b>V</b>	<b>BK</b>	<b>W</b>	<b>V</b>
<b>C4 Color Kit</b>			<b>C5 Color Kit</b>		
BK (Black), W (White), V (Ivory)			BK (Black), W (White), GY (Gray)		

**Derating information:** G-19 **Dimensional information:** A-42, A-43 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices) Mark 10® and AmbiStar® are registered trademarks of Philips Advance; Tu-VWire® is a registered trademark of Lutron.

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

Indicates Title 24 compliant - Page G-4

## Smart dimmers

### Product description

Single-pole & multi-location  
600W/VA, 1000W/VA, 120V/AC

Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

### Design features

- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- Preset feature allows user to return to previous light setting when turning lights on
- LED light level display for presetting illumination levels and master/accessory units for multi-location control
- Amber LED at bottom of LED display indicates ON/OFF load status
- Offers a 10 second delayed-off feature by pressing and holding push pad for 2 seconds when dimmer is ON
- Digital circuitry provides aesthetically pleasing soft-ON/fade-OFF that extends lamp life
- Compatible with any decorator wallplate
- Adjustable low end trim
- Fully adjustable rapid start setting to ensure lights start even at lower preset levels
- Title 24 compliant (except AIM10)



AIM10



ARD

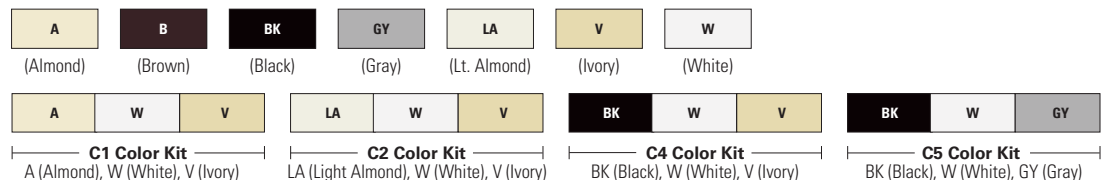
### Smart dimmers, wire leads



Rating		Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
W/AC	V/AC					
1000	120	INC, HAL, MLV	Smart dimmer master, presets	A, B, BK, GY, LA, V, W, C1, C2	<input type="checkbox"/> AIM10-__	
		FLR	Smart dimmer master with presets, Mark 10 <sup>®</sup> , AmbiStar <sup>®</sup> & Tu-Wire <sup>®</sup> compatible, neutral required	A, B, BK, GY, LA, V, W, C1, C2	<input type="checkbox"/> AF10-__	•
—	—	—	Master dimmer color change faceplate	A, B, BK, GY, LA, V, W	<input type="checkbox"/> AMC-__-BP	
—	—	—	Accessory dimmer, multi-location with presets and LEDs; must be used with AAL06, AIM10 or AF10	A, B, BK, GY, LA, V, W, C1, C2	<input type="checkbox"/> ARD-__	
—	—	—	Accessory dimmer color change faceplate	A, B, BK, GY, LA, V, W	<input type="checkbox"/> ARC-__-BP	

### Color ordering information:

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



**Derating information:** G-19 **Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
Mark 10<sup>®</sup> and AmbiStar<sup>®</sup> are registered trademarks of Philips Advance; Tu-Wire<sup>®</sup> is a registered trademark of Lutron.

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

TITLE 24 Indicates Title 24 compliant - Page G-4

### Decorator dimmers

#### Product description

Single-pole & 3-way  
 1000W/VA, 1200W/VA, or 8A; 120V/AC or 277V/AC  
 Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

#### 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
- Replaces a standard switch and offers dimmer capabilities
- Square law dimming—perceived dimming level is proportional to the slider position
- Power failure memory
- Electrostatic discharge protection
- Precise color matching to match room decor
- Compatible with any decorator wallplate
- Adjustable high-end trim
- Title 24 compliant



DF8AP



DF10P

#### Dimmers, back & side wire



Rating		Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
W/AC	V/AC					
1000	120	INC, HAL, MLV	Incandescent/halogen, magnetic low-voltage dimmer, single-pole/3-way with preset	A, B, BK, GY, LA, V, W	<input type="checkbox"/> DF10P-__	•

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

#### Fluorescent dimmers, back & side wire



Rating		Description	Color suffix	Catalog no.	TITLE 24
W/VA	V/AC				
1000	120	Fluorescent dimmer; single-pole/3-way with preset; Mark 10 <sup>®</sup> , AmbiStar <sup>®</sup> & Tu-Wire <sup>®</sup> compatible	A, B, BK, GY, LA, V, W	<input type="checkbox"/> DF8AP-__	•
1000	277	Fluorescent dimmer, single-pole/3-way with preset, Mark 10 <sup>®</sup> compatible	A, B, BK, GY, LA, V, W	<input type="checkbox"/> DF8AP7-__	•

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

#### 0-10V Dimmer, back & side wire



Rating		Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
Watt	V/AC					
1200	120	Dimmable LED/FLR 0-10V ballasts	Decorator dimmer, single-pole/3-way, preset	C1, C2, C4, C5	<input type="checkbox"/> DF10P-__	•
1600	277					
—	—	—	Color change faceplate for DF10P	A, BK, GY, LA, V, W	<input type="checkbox"/> DCK1-__	

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

#### Color ordering information:

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

A	B	BK	GY	LA	V	W					
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)					
A	W	V	LA	W	V	BK	W	V	BK	W	GY
C1 Color Kit			C2 Color Kit			C4 Color Kit			C5 Color Kit		
A (Almond), W (White), V (Ivory)			LA (Light Almond), W (White), V (Ivory)			BK (Black), W (White), V (Ivory)			BK (Black), W (White), GY (Gray)		

**Derating information:** G-19 **Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
 Mark 10<sup>®</sup> and AmbiStar<sup>®</sup> are registered trademarks of Philips Advance; Tu-Wire<sup>®</sup> is a registered trademark of Lutron.

**Compliance, specifications and availability are subject to change without notice.**

**TITLE 24** Indicates Title 24 compliant - Page G-4

## Slide dimmers

### Product description

Single-pole & 3-way  
600W/VA, 1000W/VA, 1200W/VA. 1600W/VA, 120V/AC or 277V/AC  
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

### Design features

- Preset feature allows user to return to previous light setting when turning lights ON
- Integrated full slide control for easy, precise operation
- Preset versions can be wired as single-pole or 3-way
- Device can be wired into either 3-way location (load side or line side)
- Green LED softly illuminates when device is off, acting as a night light (preset versions only)
- Neutral is not required for installation of device
- Replaces a standard switch and offers dimmer capabilities
- Square Law Dimming—perceived dimming level is proportional to the slider position
- Power failure memory
- Electrostatic discharge protection
- Precise color matching
- Compatible with any decorator wallplate
- Adjustable high-end trim (SF10P)
- Title 24 compliant (except SI06P, S110P)



SI061-V



SF10P

### Dimmers, back & side wire



Rating		Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
W	V/AC					
600	120	Incandescent/halogen	Dimmer, single-pole non-preset	A, B, BK, GY, LA, V, W	<input type="checkbox"/> SI061-__	•
		Incandescent/halogen, magnetic low-voltage	Dimmer, single-pole/3-way with preset & LED indicator	B, LA, V, W	<input type="checkbox"/> SI06P-__	
1000	120	Incandescent/halogen, magnetic low-voltage	Dimmer, single-pole/3-way with preset & LED indicator	A, B, BK, GY, LA, V, W	<input type="checkbox"/> SI10P-__	

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

### Fluorescent dimmers, back & side wire



Rating		Description	Color suffix	Catalog no.	TITLE 24
W/VA	V/AC				
1000	277	Fluorescent dimmer, single-pole/3-way with preset & LED indicator, Mark 10® compatible	A, B, BK, GY, LA, V, W	<input type="checkbox"/> SF8AP7-__	•

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

### 0-10V Dimmer, back & side wire



Rating		Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
Watt	V/AC					
1200	120	Dimmable LED/FLR 0-10V ballasts	Slide dimmer, single-pole/3-way, preset	A, B, BK, GY, LA, V, W	<input type="checkbox"/> 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: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

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

**Derating information:** G-19 **Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

**TITLE 24** Indicates Title 24 compliant - Page G-4

### Toggle dimmers & fan speed controls

#### Product description

Single-pole & 3-way  
300W/600W or 1000W; 5A; 120V/AC

Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

#### Design features

- Integrated toggle switch for ON/OFF and DIM/BRIGHT operation (non-present version)
- Single-pole and 3-way wiring offered in a single unit
- Matches existing wall switches
- Replaces a standard switch and offers dimmer capabilities
- 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
- Title 24 compliant (except TFS5)



TI061



TI061L

#### Incandescent/halogen dimmers



W	Rating		Description	Color suffix	Catalog no.	TITLE 24
	V/AC					
600	120		Incandescent/halogen dimmer, single-pole/3-way non-preset	A, B, BK, LA, V, W	<input type="checkbox"/> TI061-__	•
			Lighted incandescent/halogen dimmer, single-pole/3-way non-preset	N/A (Clear)	<input type="checkbox"/> TI061L	•
1000	120		Incandescent/halogen dimmer, single-pole/3-way non-preset	A, B, BK, LA, V, W	<input type="checkbox"/> TI3101-__	•
			Lighted incandescent/halogen dimmer, single-pole/3-way non-preset	N/A (Clear)	<input type="checkbox"/> TI3101L	•

cULus Listed to UL1472, file no. E47967 & CSA C22.2 no. 18

#### Fan speed controls



A	Rating		Description	Color suffix	Catalog no.
	V/AC				
5	120		Fully variable fan speed control, single-pole non-preset, wire leads	A, B, BK, GY, LA, V, W	<input type="checkbox"/> TFS5-__

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: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

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

**Derating information:** G-19 **Dimensional information:** A-43 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

**TITLE 24** Indicates Title 24 compliant - Page G-4

## Rotary dimmers & fan speed controls

### Product description

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

### 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
- 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
- Title 24 compliant (except RFS15 and RFS5)



RI061



RDC15

### Incandescent/halogen dimmers

Rating		Description	Color suffix	Catalog no.	TITLE 24
W	V/AC				
600	120	Incandescent/halogen dimmer, single-pole non-preset	A, LA, V, W	<input type="checkbox"/> RI061-__	•
		Incandescent/halogen dimmer, single-pole/3-way with preset	A, LA, V, W	<input type="checkbox"/> RI06P-__	•
1000	120	Lighted incandescent/halogen dimmer, single-pole/3-way with preset	A, LA, V, W	<input type="checkbox"/> RI06PL-__	•
		Incandescent/halogen dimmer, single-pole non-preset	A, LA, V, W	<input type="checkbox"/> RI101-__	•

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

### Combination fan speed control/dimmer & fan speed controls

Rating			Description	Color suffix	Catalog no.	TITLE 24
W	A	V/AC				
300	1.5	120	Combined, quiet 3-speed fan control & dimmer, single-pole non-preset, incandescent/halogen	A, LA, V, W	<input type="checkbox"/> RDC15__	•
300	2.5	120	Combined, quiet 3-speed fan control & dimmer, single-pole non-preset, incandescent/halogen	A, LA, V, W	<input type="checkbox"/> RDC25__	•
300	1.5	120	Quiet 3-speed fan control, single-pole non-preset, wire lead	A, LA, V, W	<input type="checkbox"/> RFS15-__	
300	5	120	Fully variable fan speed control, single-pole non-preset	A, LA, V, W	<input type="checkbox"/> RFS5-__	

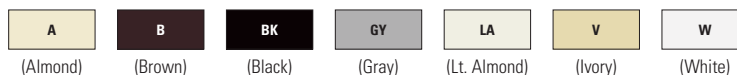
cULus Listed to UL1917, file no. E202842 & CSA C22.2 no. 156

### Replacement knobs for rotary dimmers & fan speed controls


Description	Color suffix	Catalog no.
Replacement knob for lighted rotary dimmer RI06PL	A, B, BK, GY, LA, V, W	<input type="checkbox"/> RKRL-__-BP
Replacement knob for rotary dimmers RI061, RI06P & RI101	A, B, BK, GY, LA, V, W	<input type="checkbox"/> RKRD-__-BP
Replacement knobs for rotary fan controls RFS15 & RFS5	A, B, BK, GY, LA, V, W	<input type="checkbox"/> RKRC-__-BP

### Color ordering information:

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



**Derating information:** G-19 **Dimensional information:** A-43 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

 Indicates Title 24 compliant - Page G-4

### Fan speed controls

#### Product description

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

#### 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
- Electrostatic discharge protection
- Power failure memory
- Virtually unbreakable top and backbody
- Switch has quiet, smooth actuation
- Easy-access ground screws
- Compatible with any decorator wallplate



DFS15P



SFS5P



SDC15

#### 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	A, B, BK, GY, LA, V, W	<input type="checkbox"/> DFS15P-__

cULus Listed to UL1917, file no. E202842; NOM certified

#### 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	A, B, BK, GY, LA, V, W	<input type="checkbox"/> SFS15P-__
5	120		5A fully variable fan speed control, single-pole/3-way with preset	A, B, BK, GY, LA, V, W	<input type="checkbox"/> SFS5P-__

cULus Listed to UL1917, file no. E202842; NOM certified

#### Slide combination fan speed control & dimmer



Rating	A	V/AC	W	Description	Color suffix	Catalog no.	TITLE 24
1.5	120	300		Combined 1.5A quiet 3-speed fan control & 300W dimmer, single-pole, incandescent/halogen	A, B, BK, GY, LA, V, W	<input type="checkbox"/> SDC15-__	•

cULus Listed to UL1917, file no. E202842; NOM certified

#### Color ordering information:

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

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

**Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)

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

**TITLE 24** Indicates Title 24 compliant - Page G-4

## Power extenders

### Product description

1920W/VA

Incandescent, halogen, magnetic low-voltage, fluorescent, neon/cold cathode



P19-W

### Design features

- Aluminum heat sink with snap-on cover (P19-W and PF19-W)
- P19-W and PF19-W can be surface- or flush-mounted using 1900 Box and 2-Gang raised cover
- Extends the capacity of dimmers and emulates connected dimmers in dimming range and resolution
- Low-end trim setting for minimum brightness level

### Power extenders

Rating W/VA	Description	Color	Catalog no.
1920	For incandescent/halogen, magnetic low-voltage, neon cold cathode, back wire	W	<input type="checkbox"/> P19-W
	For dimmable fluorescent ballasts, Mark 10® & Tu-Wire® compatible, back wire	W	<input type="checkbox"/> PF19-W

### Color ordering information:

W (White)



(White)

**Dimensional information:** A-43 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**



# Occupancy & vacancy 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, selectable, and dimmable nightlight option on most models, unparalleled mode features, plus all Eaton sensors are available as either occupancy or vacancy types.




## Occupancy & vacancy sensor families

Dimmer sensors



**A-38**

Dual switch sensors with nightlight



**A-39**

Switch sensors with nightlight



**A-40**

Standard series switch sensors



**A-41**

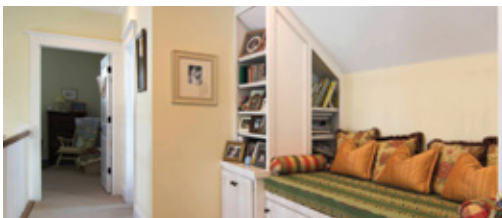
## Occupancy & vacancy sensor colors

	
Almond	Black
	
Gray	Ivory
	
Lt. Almond	White

- Title 24 compliant occupancy and vacancy sensors are available for flexibility
- Single-pole & 3-way combined in a single unit in non-dimming sensor switches
- Sensors are available for the following light load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent and LED
- Nightlights are dimmable plus have selectable ON/OFF modes
- Ambient light override feature keeps lights from turning on if sufficient light is already present for greater energy savings
- Color change kits available in most models for enhanced aesthetics
- Most sensors offer electronic ballast compatibility
- Dimming sensors and dual switch sensor models available
- Easily replaces a standard light or fan switch



## Specific occupancy & vacancy sensor solutions for today's needs



### Advanced energy savings

Step up to the next level in energy savings with occupancy or vacancy sensors that offer dimming capabilities for maximum ambiance control with the most energy savings.

See page A-34

Shown:  
OS106D1-W



### Integrated nightlights

Switches with integrated nightlights are ideal for children's rooms with a dimmable light level, selectable ON/OFF and operation independent of the sensing function.

See pages A-34, A-36

Shown:  
OS310U-BK



### Dual switch sensors

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

See page A-35

Shown:  
OS310R-V



### Dimming motion sensors

#### Product description

Single-pole  
600W/VA; 120V/AC  
Incandescent/halogen, magnetic low-voltage



OS106D1

#### 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
- 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, 15 minutes and 30 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)
- Vacancy sensor meets California 2008 Title 24
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Uniform color matched PIR lens to device housing
- Color change faceplate kits provide for a simple in field change
- Neutral required for installation of device
- Mid-size decorator wallplate included with product
- Title 24 compliant

#### Dimming motion sensors



Rating		Description	Color suffix	Catalog no.	TITLE 24
W/VA	V/AC				
600	120	Incandescent/halogen, magnetic low-voltage occupancy sensor & dimmer, single-pole with LED	A, BK, GY, LA, V, W	<input type="checkbox"/> OS106D1-__	•
		Incandescent/halogen, magnetic low-voltage vacancy sensor & dimmer, single-pole with LED	A, BK, GY, LA, V, W	<input type="checkbox"/> VS106D1-__	•

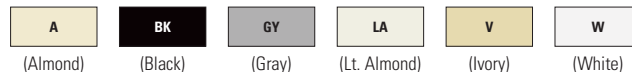
cULus Listed to UL244A & UL1472, file no. E325082; NOM certified

#### Dimmer color change kits

Description	Color suffix	Catalog no.
Color change kit for dimmer sensor	A, BK, GY, LA, V, W	<input type="checkbox"/> SCKD-__-BP

#### Color ordering information:

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



**Derating information:** G-19 **Dimensional information:** A-43 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

**TITLE 24** Indicates Title 24 compliant - Page G-4

## Dual relay motion sensors

### Product description

Single-pole & 3-way  
600W/VA, 120V/AC; 1/6 HP Motor

Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED



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, 15 minutes and 30 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 30 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)
- Vacancy sensor meets California 2008 Title 24
- No leakage to load in OFF mode
- Uniform color matched PIR lens to device housing
- Color change faceplate kits provide for a simple in field change
- Neutral required for installation of device
- Mid-size decorator wallplate included with product

### Dual relay motion sensors

Rating W/VA	HP V/AC	Motor	Description	Color suffix	Catalog no.
600	120	1/6	Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, & LED occupancy sensor dual switch; single-pole/3-way with nightlight & LED	A, BK, GY, LA, V, W	<input type="checkbox"/> OS310R-__
			Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, & LED vacancy sensor dual switch; single-pole/3-way with nightlight & LED	A, BK, GY, LA, V, W	<input type="checkbox"/> VS310R-__

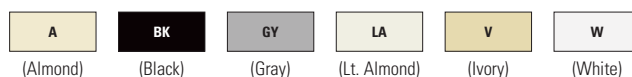
cULus Listed to UL244A, file no. E325082; NOM certified

### Dual-relay motion sensor color change kit

Description	Color suffix	Catalog no.
Color change kit for dual relay motion sensor	A, BK, GY, LA, V, W	<input type="checkbox"/> SCKR-__-BP

### Color ordering information:

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



**Derating information:** G-19 **Dimensional information:** A-43 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

### Motion sensors

#### Product description

Single-pole & 3-way  
1000W/VA, 120V/AC; 1/6 HP Motor

Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED



VS310U

#### 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, 15 minutes and 30 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 30 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)
- Vacancy sensor meets California 2008 Title 24
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Uniform color matched PIR lens to device housing
- Color change faceplate kits provide for a simple in field change
- Neutral required for installation of device
- Mid-size decorator wallplate included with product

#### Motion sensors



Rating W/VA	HP V/AC	Motor	Description	Color suffix	Catalog no.
1000	120	1/6	Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, & LED occupancy sensor switch; single-pole/3-way with nightlight & LED	A, BK, GY, LA, V, W	<input type="checkbox"/> OS310U-__
			Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, & LED vacancy sensor switch; single-pole/3-way with nightlight & LED	A, BK, GY, LA, W	<input type="checkbox"/> VS310U-__

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

#### Motion sensor color change kits

Description	Color suffix	Catalog no.
Color change kit for motion sensor	A, BK, GY, LA, V, W	<input type="checkbox"/> SCK1-__BP

#### Color ordering information:

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

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

**Dimensional information:** A-43 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

## Motion sensors

### Product description

Single-pole & 3-way  
600W/VA, 120V/AC

Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED



VS306U-W

### Design features

- Passive infrared technology
- Replaces a standard light or fan switch
- Sensors provide up to 180 degree field of view and 450 sq. ft. of major motion coverage
- No neutral required for installation of device
- Can be wired as a single-pole or 3-way device
- Works with nearly all load types
- Selectable time delay of 5 seconds to 30 minutes for lights to remain on after room is vacated
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Compact housing fits easily into a standard wall box and is suitable for multi-gang installations
- Compatible with decorator-style wallplates and Aspire screwless wallplates
- High-gloss finish complements any decor
- Title 24 compliant (Only VS306U)

### Motion sensors

Rating		Description	Color suffix	Catalog no.	TITLE 24
W/VA	V/AC				
600	120	Incandescent, halogen, fluorescent, MLV, ELV, LED, CFL occupancy switch sensor; single-pole/3-way; auto-ON	A, BK, GY, LA, V, W	<input type="checkbox"/> OS306U-__	
		Incandescent, halogen, fluorescent, MLV, ELV, LED, CFL vacancy sensor switch; single-pole/3-way; Title 24; manual ON	A, BK, GY, LA, V, W	<input type="checkbox"/> VS306U-__	•


**Note:** Sensors are rated for 120V/AC unless otherwise noted. cULus Listed to UL773A, file no. E191639

### Color ordering information:

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

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

**Derating information:** G-19 **Dimensional information:** A-43 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

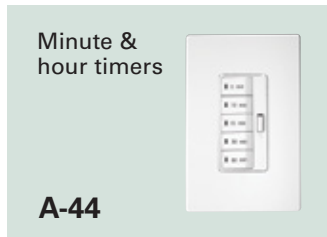
 Indicates Title 24 compliant - Page G-4



## 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 families



### Timer colors

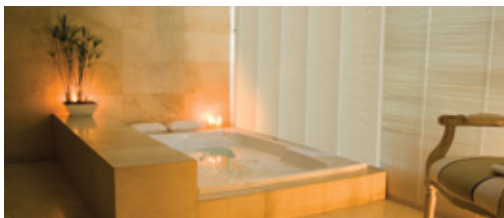


# The Eaton difference

- Programmable hour or minute time delay in 2 modes for preset groups or down to 1 minute increments
- Universal compatibility with all light load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent and LED
- No neutral required for installation
- Rated for up to 1800W loads AC at 120V
- Aspire timers match the aesthetics of all Z-Wave and Aspire devices
- Available in all Aspire color combinations as well as 7 standard device colors, color change kits also available for quick changes



## Specific timer solutions for today's needs

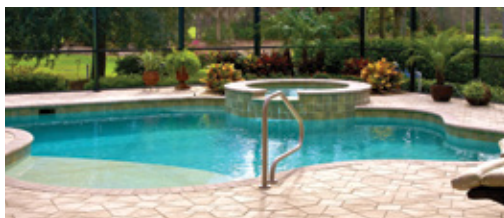


### Bathroom controls

Timers are perfect for controlling fans, heat lamps or wall heaters, towel warming rails, radiant floor heating systems, whirlpool tubs, and saunas.

See page A-40

Shown:  
PT18M



### Pool, spa & outdoor areas

Power-hungry pool heaters and spa motors are ideal candidates for timed controls, as well as patio & landscape lighting, or driveway snow and ice-melting systems.

See page A-40

Shown:  
PT18H





### Minute and hour timers

#### Product description

Single-pole

15A, 120V/AC; 1800W

Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

#### Design features

- Perfect for both new construction and 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
- Color change faceplate kits available
- 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



PT18M



PT18H

#### Timers



Rating	A	V/AC	W	Description	Color suffix	Catalog no.
15	120	1800	5-button minute timer with OFF, single-pole		A, B, BK, GY, LA, V, W, C1, C2	<input type="checkbox"/> PT18M__
			5-button hour timer with OFF, single-pole		A, B, BK, GY, LA, V, W, C1, C2	<input type="checkbox"/> 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	Color suffix	Catalog no.
Color change kit 1 (5, 10, 15, 30, 60) for minute timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT1MK-__-P
Color change kit 2 (5, 10, 20, 30, 60) for minute timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT2MK-__-P
Color change kit 3 (5, 15, 30, 45, 60) for minute timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT3MK-__-P
Color change kit 4 (1, 5, 10, 15, 30) for minute timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT4MK-__-P
Color change kit 5 (1, 10, 15, 20, 30) for minute timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT5MK-__-P
Color change kit 1 (1, 2, 4, 8, 12) for hour timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT1HK-__-P
Color change kit 2 (1, 3, 6, 9, 12) for hour timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT2HK-__-P
Color change kit 3 (2, 4, 8, 12, 24) for hour timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT3HK-__-P
Color change kit 4 (30, 1, 2, 4, 8) for hour timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT4HK-__-P
Color change kit 5 (15, 30, 1, 2, 4) for hour timer	A, BK, GY, LA, V, W	<input type="checkbox"/> PT5HK-__-P

#### Color ordering information:

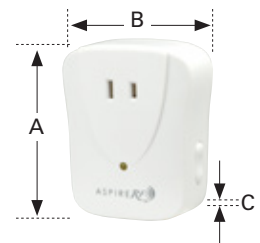
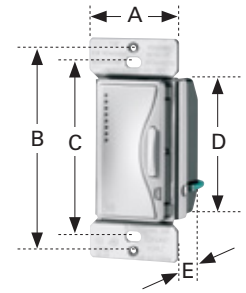
For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C1 (Color Change Kit: A, W, V), C2 (Color Change Kit: LA, W, V)

<b>A</b> (Almond)	<b>B</b> (Brown)	<b>BK</b> (Black)	<b>GY</b> (Gray)	<b>LA</b> (Lt. Almond)	<b>V</b> (Ivory)	<b>W</b> (White)
<b>A</b>	<b>W</b>	<b>V</b>	<b>LA</b>	<b>W</b>	<b>V</b>	
C1 Color Kit			C2 Color Kit			
A (Almond), W (White), V (Ivory)			LA (Light Almond), W (White), V (Ivory)			

**Dimensional information:** A-42 **Specification information:** Please visit [www.eaton.com/wiringdevices](http://www.eaton.com/wiringdevices)  
**Compliances, specifications and availability are subject to change without notice.**

## Z-Wave: devices

Family	A	B	C	D	E
<b>5-scene keypad (RFWC5)</b>	1.50" (38.1mm)	3.81" (96.8mm)	3.28" (83.3mm)	1.69" (43.0mm)	1.36" (34.5mm)
<b>600W smart dimmers (RF9534, RF9540-N)</b>	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.36" (34.5mm)
<b>1000W smart dimmers &amp; switch (RF9518, RF9536, RF9536-N, RF9537-N)</b>	2.45" (62.2mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.36" (34.5mm)
<b>Accessory dimmers (RF9542-Z)</b>	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.36" (34.5mm)
<b>Switches (RF9501, RF9517, RF9520)</b>	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.56" (65.0mm)	1.63" (41.4mm)
<b>Receptacles (RFTR9505-T)</b>	1.30" (33.0mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.77" (70.3mm)	1.40" (35.5mm)



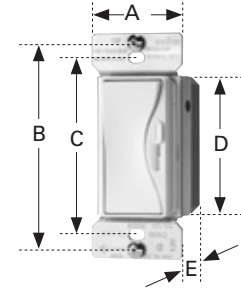
RFHDCSG

## Z-Wave: specialty devices

Family	A (Height)	B (Width)	C (Depth)
<b>Plug-in lamp &amp; appliance modules (RFLDM, RFAPM)</b>	3.48" (88.4mm)	2.86" (72.7mm)	1.30" (33.1mm)
<b>Anyplace switch &amp; battery operated switch (RF9575, RF9500)</b>	4.62" (117mm)	1.81" (46mm)	0.16" (4mm)

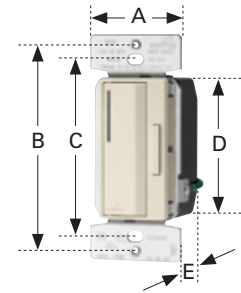
### Aspire

Family	A	B	C	D	E
<b>600W smart dimmers &amp; accessory dimmers</b> (9540-N, 9524, 9542)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.38" (35.1mm)
<b>1000W smart dimmers</b> (9536, 9537)	2.45" (62.1mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.38" (35.1mm)
<b>Slide dimmers &amp; fan speed controls</b> (9543, 9544)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.69" (68.3mm)	1.27" (32.3mm)
<b>Single-pole &amp; 3-way switches</b> (9501, 9503, 9515, 9516)	1.44" (36.6mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.74" (69.6mm)	0.97" (24.6mm)
<b>4-way switches</b> (9504)	1.44" (36.6mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.18" (30.0mm)
<b>Timers</b> (9590, 9591)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.39" (35.4mm)



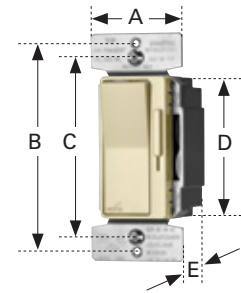
### Smart Dimmers & Timers

Family	A	B	C	D	E
<b>600W smart dimmers &amp; accessory dimmers</b> (AAL06, ARD)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.38" (35.1mm)
<b>1000W smart dimmers</b> (AIM10)	2.44" (62.0mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.38" (35.1mm)
<b>Timers</b> (PT18)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.39" (35.4mm)



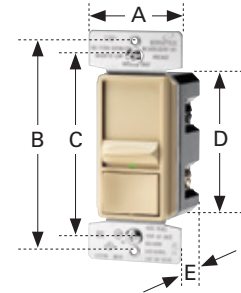
### Decorator Dimmers

Family	A	B	C	D	E
<b>600W dimmers</b> (DAL06P)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.28" (32.6mm)
<b>1000W dimmers</b> (DI10P, DF8AP7)	2.45" (62.2mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.28" (32.6mm)
<b>Fan speed controls</b> (DFS15)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.28" (32.6mm)



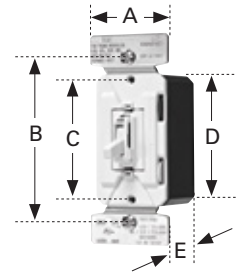
### Slide Dimmers

Family	A	B	C	D	E
<b>600W dimmers</b> (SAL06P)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)
<b>1000W dimmers</b> (SI10P, SF8AP7)	2.45" (62.2mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)
<b>Fan speed controls</b> (SFS15)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)



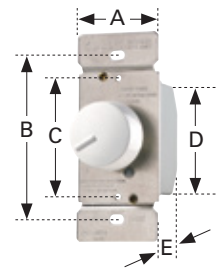
## Toggle Dimmers

Family	A	B	C	D	E
<b>600W dimmers (TAL06P1)</b>	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.71" (68.8mm)	1.36" (34.5mm)
<b>1000W dimmers (TI3101, TI3101L)</b>	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.72" (69.1mm)	1.43" (36.3mm)
<b>Fan speed controls (TFS15)</b>	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.30" (58.4mm)	1.40" (35.6mm)



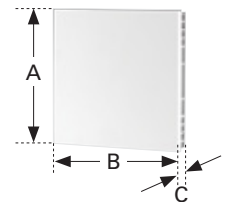
## Rotary Dimmers

Family	A	B	C	D	E
<b>600W dimmers (RI06)</b>	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.20" (55.9mm)	1.30" (33.0mm)
<b>1000W dimmers (RI101)</b>	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.70" (68.7mm)	1.43" (36.3mm)
<b>Combination dimmers &amp; fan speed control (RDC15, RDC25)</b>	1.63" (41.4mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.70" (68.7mm)	1.46" (37.0mm)
<b>Fan speed controls (RFS5, RFS15)</b>	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.20" (55.9mm)	1.30" (33.0mm)



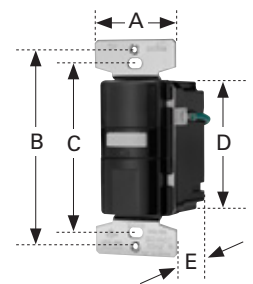
## Dimmers: power extenders

Family	A (Height)	B (Width)	C (Depth)
<b>Power Extenders (P19, PF19)</b>	4.85" (123.2mm)	4.65" (118.0mm)	2.07" (52.6mm)



## Occupancy & vacancy sensors

Family	A	B	C	D	E
<b>Occupancy/vacancy dimmers (OS106, VS106)</b>	1.80" (45.7mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)
<b>Occupancy/vacancy dual switches (OS310R, VS310R)</b>	1.80" (45.7mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)
<b>Occupancy/vacancy switches (OS310U, VS310U)</b>	1.80" (45.7mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)



## Occupancy & vacancy sensors: standard series

Family	A	B	C	D	E
<b>(OS306U)</b>	1.8" (45.72mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)
<b>(VS306U)</b>	1.8" (45.72mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)

