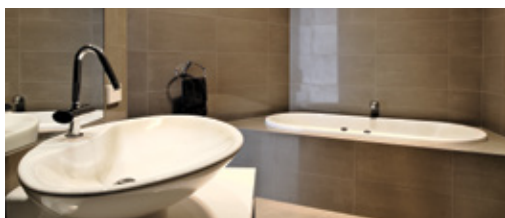


- Single-pole & 3-way combined in a single unit for most models
- Dimmers are available for the following light load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent and LED
- Wide offering of “no neutral required for installation” models
- Solid 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

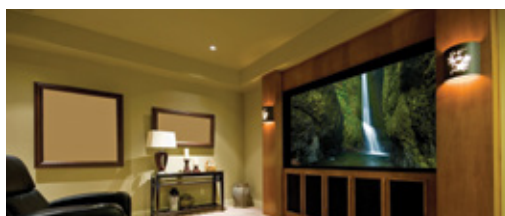


Flexibility

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	□ AAL06-__	•
600	120	INC, HAL, FLR, MLV, ELV				
300	120	Dimmable LED/CFL	Decorator dimmer, single-pole/ 3-way, preset	C1, C2, C4, C5	□ 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	□ SAL06P-__	•
600	120	INC, HAL, FLR, MLV, ELV				
300	120	Dimmable LED/CFL	Toggle dimmer, single-pole/ 3-way preset	C1, C2, C4, C5	□ 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)

A	BK	GY	LA	V	W
(Almond)	(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)		
BK	W	V	BK	W	V
C4 Color Kit			C5 Color Kit		
BK (Black), W (White), V (Ivory)			BK (Black), W (White), GY (Gray)		

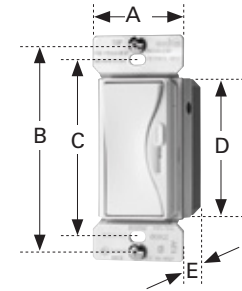
Derating information: G-19 **Dimensional information:** A-42, A-43 **Specification information:** Please visit www.eaton.com/wiringdevices Mark 10® and AmbiStar® are registered trademarks of Philips Advance; Tu-VWire® is a registered trademark of Lutron.

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

TITLE 24 Indicates Title 24 compliant - Page G-4

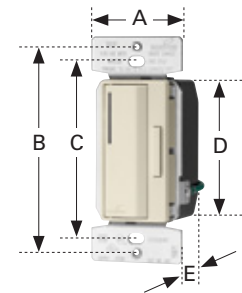
Aspire

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



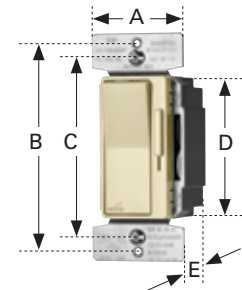
Smart Dimmers & Timers

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



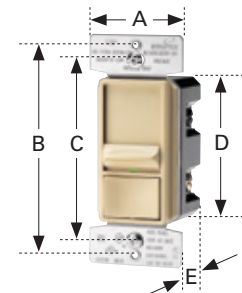
Decorator Dimmers

Family	A	B	C	D	E
600W dimmers (DAL06P)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.28" (32.6mm)
1000W dimmers (DI10P, DF8AP7)	2.45" (62.2mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.28" (32.6mm)
Fan speed controls (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
600W dimmers (SAL06P)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)
1000W dimmers (SI10P, SF8AP7)	2.45" (62.2mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)
Fan speed controls (SFS15)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)



Dimmers & fan speed controls

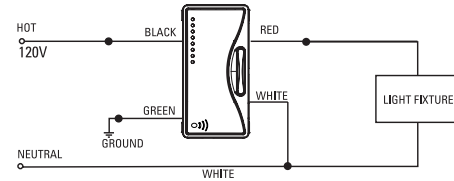
Z-Wave wireless collection

Dimmer with neutral

RF9536-N, RF9537-N (also FLR), RF9540-N (also LED, CFL, FLR)

INC, MLV, ELV

Single-pole



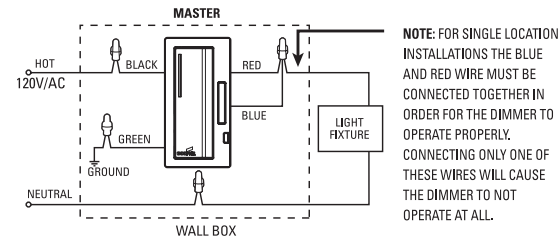
Z-Wave wireless collection, Aspire, Electronic

Dimmer without neutral

RF9534, RF9536, 9534, 9536, 9537, AIM10

INC, MLV, ELV

Single-pole



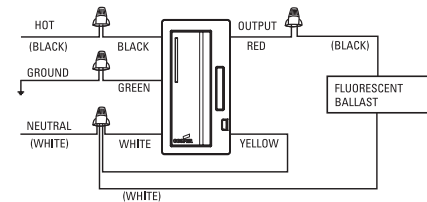
Electronic

Dimmer with neutral

AF10

FLR

Single-pole



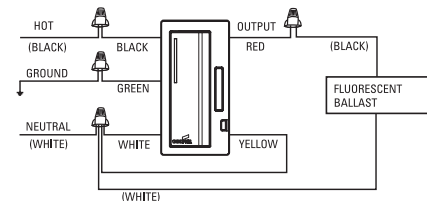
Electronic

Dimmer with neutral

AAL06

INC, MLV, ELV, FLR, LED, CFL

Single-pole



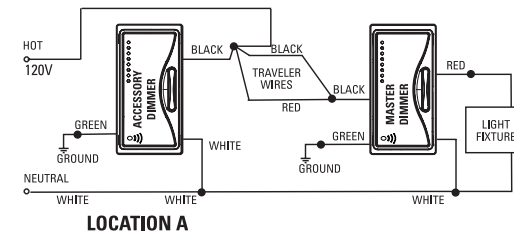
Z-Wave wireless collection

Dimmer with neutral

RF9536-N, RF9537-N (also FLR), RF9542-Z, RF9540-N (also LED, CFL, FLR)

INC, MLV, ELV

Multi-location



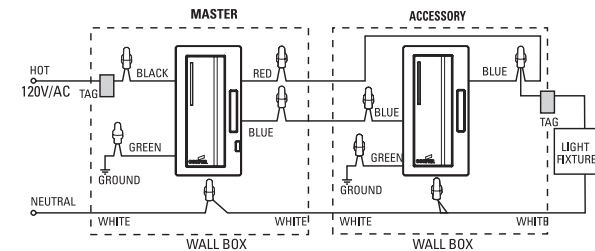
Z-Wave wireless collection, Aspire, Electronic

Dimmer without neutral

RF9534, RF9536, RF9542, 9534, 9536, 9537, 9542, AIM10, ARD

INC, MLV, ELV

Multi-location



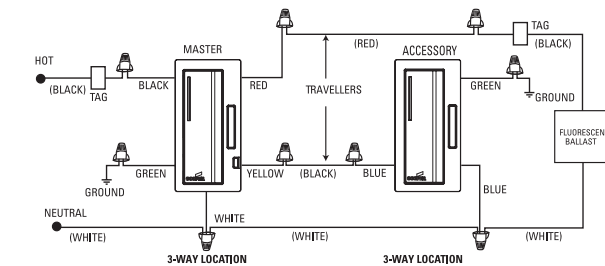
Electronic

Dimmer with neutral

AF10, ARD

FLR

Multi-location



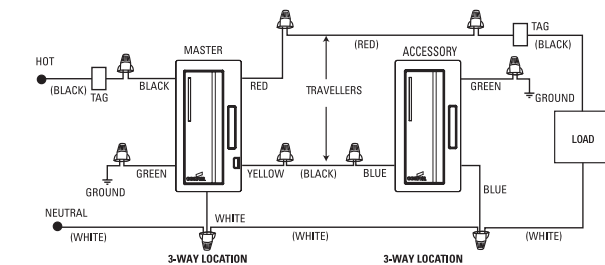
Electronic

Dimmer with neutral

AAL06, ARD

INC, MLV, ELV, FLR, LED, CFL

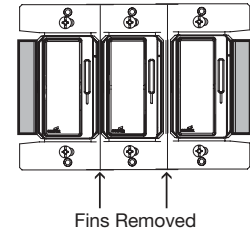
Multi-location



Ganging and Derating Dimmers

A typical dimmer is wider than a switch. This increased size helps the dimmer dissipate internal heat which is normal to operation.

Dimmers can be ganged together such that the space is the same as for switches. A portion of the fins (heat sink) must be removed. The fins are grooved to make the removal of fins easy with a pair of pliers. The removal of these fins reduces the wattage capacity (load) the dimmer can control. Derating information is provided in the "CORE Derating Chart". The dimmer can be loaded with the full derated capacity indicated.



Dimmer derating chart

Dimmers	Single-gang	Double-gang	Triple-gang or more
Toggle			
Incandescent	600W	600W	600W
Incandescent	1000W	900W	800W
Fully variable fan	5A	5A	5A
Rotary			
Incandescent	600W	600W	600W
Incandescent	1000W	900W	800W
Dual 4-speed/dimmer	2.5A / 300W	2.5A / 300W	2.5A / 300W
Dual 4-speed/dimmer	1.5A / 300W	1.5A / 300W	1.5A / 300W
3-Speed fan	1.5A	1.5A	1.5A
Fully variable fan	5A	5A	5A
Toggle w/preset			
Incandescent	600W	600W	600W
Magnetic low-voltage	600VA	600VA	600VA
Fluorescent	Refer to Spec sheet for more information		
Electronic low-voltage	600W	600W	600W
LED/CFL	300W	300W	300W
Slide			
Incandescent	600W	500W	500W
Incandescent	1000W	850W	650W
Magnetic low-voltage	600VA	500VA	500VA
Magnetic low-voltage	1000VA	850VA	650VA
Fluorescent	8.3A	6.6A	5.4A
Dual 3-speed/dimmer	1.5A / 300W	1.5A / 300W	1.5A / 300W
3-Speed fan	1.5A	1.5A	1.5A
Fully variable fan	5A	5A	5A
LED/CFL	300W	300W	300W
Decorator			
Incandescent	600W	500W	500W
Incandescent	1000W	800W	650W
Magnetic low-voltage	600VA	500VA	500VA
Magnetic low-voltage	1000VA	800VA	650VA
Electronic low-voltage	600VA	600VA	600VA
Fluorescent	8.3A	6.6A	5.4A
3-Speed fan	1.5A	1.5A	1.5A
LED/CFL	300W	300W	300W

Dimmers	Single-gang	Double-gang	Triple-gang or more
Electronic			
Incandescent	1000W	800W	800W
Magnetic low-voltage	1000VA	800VA	800VA
Fluorescent	8.3A	6.6A	6.6A
Electronic			
Incandescent	600W	550W	500W
Magnetic low-voltage	600W	550W	500W
Fluorescent	Refer to Spec sheet for more information		
LED/CFL	300W	300W	300W
Aspire slide			
Incandescent	600W	600W	600W
Incandescent	1000W	900W	800W
Magnetic low-voltage	600VA	600VA	600VA
Magnetic low-voltage	1000VA	900VA	800VA
Electronic low-voltage	600VA	600VA	600VA
Electronic low-voltage	1000VA	900VA	800VA
Fluorescent	8.3A	6.6A	5.4A
3-Speed fan	1.5A	1.5A	1.5A
Fully variable fan	5A	5A	5A
Aspire			
Incandescent	600W	600W	500W
Incandescent	1000W	800W	700W
Magnetic low-voltage	600VA	600VA	500VA
Magnetic low-voltage	1000VA	800VA	700VA
Electronic low-voltage	600VA	600VA	500VA
Electronic low-voltage	1000VA	800VA	700VA
Fluorescent	8.3A	6.6A	6.6A
Z-Wave wireless collection			
Incandescent	600W	600W	600W
Incandescent	1000W	800W	800W
Incandescent (no neutral)	600W	600W	600W
Incandescent (no neutral)	1000W	800W	800W
Magnetic low-voltage	600VA	600VA	600VA
Magnetic low-voltage	1000VA	800VA	800VA
Electronic low-voltage	600VA	600VA	600VA
Electronic low-voltage	1000VA	800VA	800VA
Fluorescent	1000VA	800VA	800VA
LED/CFL	300W	300W	300W
Dimming sensors			
Incandescent	600W	600W	600W
Magnetic low-voltage	600VA	600VA	600VA