

Omega Series Controls **HUNT *Simplicity*® Architectural Full Range Slide Dimmers** for use with Incandescent Lighting 120V and 277V



120V **277**
SC-6 SC-647
SC-10 SC-1047



120V **277V**
SC-15 SC-2047
SC-20

Hunt Control Systems Inc.
200 Rome Court
Fort Collins CO 80524

Product Description:

- Continuous, flicker-free dimming control.
- Commercial-grade, Slide-to-OFF design.
- Ivory and white standard colors; custom colors available.
- No exposed heat sink.
- Limited one-year warranty.

Features:

- Easy-to-operate, smooth-sliding linear control.
- Solid-state circuitry.
- RFI filter.
- UL Listed.
- Fits in a standard 2" deep single-gang back box.
- Maximum wattage load per dimmer:
SC-6, SC-647: 600 watts
SC-10, SC-1047: 1000 watts
SC-15: 1500 watts
SC-20, SC-2047: 2000 watts

Dimensions:

SC-6, SC-647, SC-10, SC-1047 faceplate dimensions: 3"W x 4 1/2"H
SC-15, SC-20, SC-2047 faceplate dimensions: 4 3/4"W x 4 1/2"H
Backbox dimensions for all models: 1 5/8" x 2 5/8" x 1 3/8"

Note: For all models, derating of 10% per side is necessary when fins are removed.

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Installation and Wiring Instructions for HUNT *Simplicity*[®] Architectural Incandescent Controls 120V, 60Hz

These dimmers are designed for incandescent and quartz iodine 120 Volt, 60Hz permanent fixtures.

Models:

A-Line Series: A-600, A-600-3W, A-1000, A-1500, A-2000

Accent Series: AS-6, AS-6-3W, AS-10, AS-15, AS-20

Omega Series: SC-6, SC-10, SC-15, SC-20

Load: A-600, A-600-3W, AS-6, AS-6-3W, SC-6:	600 watts
A-1000, AS-10, SC-10:	1000 watts
A-1500, AS-15, SC-15:	1500 watts
A-2000, AS-20, SC-20:	2000 watts

Caution:

To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a motor-operated appliance, a fluorescent lighting fixture, or a transformer-supplied appliance.

Avertissement:

Pour réduire le risque de surchauffes et les dommages possibles à l'autre équipement, ne pas installer pour contrôler une prise, un appareil moteur-fonctionné, ou un transformateur d'alimentation magnétique appareil fourni.

Read Carefully Before Installing Dimmers:

- 1). To avoid fire, personal injury, and/or damage to dimmer, turn power *OFF* at the circuit breaker and test that the power is *OFF* before wiring.
- 2). To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a motor-operated appliance, a fluorescent lighting fixture, or a transformer-supplied appliance.
- 3). When installing a 3-way dimmer, use only one dimmer and one standard 3-way switch. Never attempt to use two dimmers in the same circuit.
- 4). Use this device with copper or copper-clad wire only.

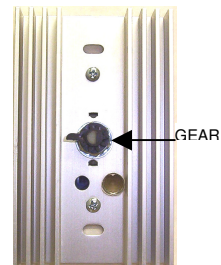
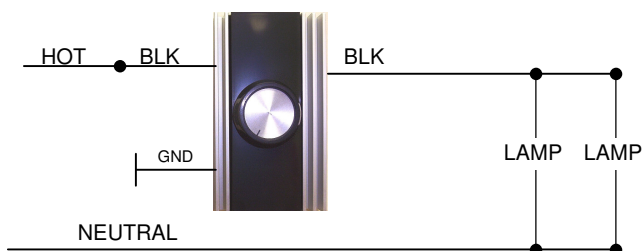
Wiring Diagrams: See wiring diagrams on reverse side.

Notes:

- 1.) Fins must be mounted in vertical position and must not be recessed into the wall. When stacking dimmers or mounting one above the other, allow a minimum of three inches of clear wall space between the upper and lower finned plates.
- 2.) The aluminum chassis of these lighting controls is designed as a heat sink to dissipate heat generated by the proper functioning of the circuit components. The fins may be very warm to the touch when the dimmer is operating at its maximum rated load. This is normal operation and does not indicate malfunction.
- 3.) Due to electro-magnetic radiation produced by all solid-state lighting controls, the load, controls, and connecting wires should be located as far away as possible from radios, intercom units, or public address systems (six feet is the recommended minimum distance).
- 4.) Derating of 10% per side is necessary when removing fins. See reverse side for more information.

Wiring Diagrams and Ganging Information for HUNT *Simplicity*[®] Architectural Incandescent Controls 120V, 60Hz

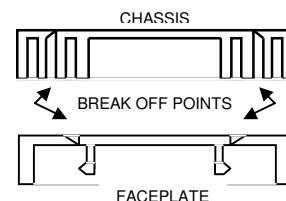
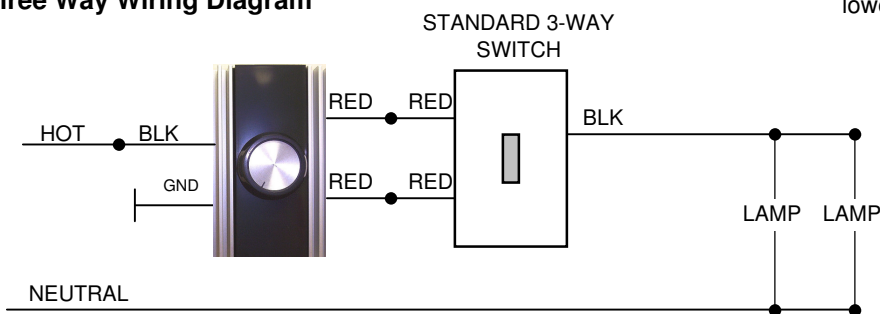
Standard Installation Single Pole Wiring Diagram



Omega Series:

In the event that the slide knob is removed during installation, carefully place back onto slide gear. With the gear arm at the 9 o'clock position (as shown), snap slide in place on the lowest position on the chassis.

Three Way Wiring Diagram



Ganged Unit Wall Box Requirements

Number of single gang units	Number of double gang units					
	0	1	2	3	4	
0	-	1	3	5	7	
1	1	3	5	7	9	
2	2	4	6	8	10	
3	3	5	7	9	11	
4	4	6	8	10	12	
Min. size wall box required (in gangs)						

Ganging:

All A-Line, Accent, & Omega Series dimmers may be ganged in any combination. Refer to tables for wall box requirements and derating. When ganging two dimmers, break off inside fins of each dimmer. When ganging three or more dimmers, break off both sides of interior dimmers, but only inside fins of end dimmers. Break off aluminum fins and faceplate as shown above.

Derating when Ganging

Dimmer Type	Fins Removed		
	None	One Side	Both Sides
A-600, A-600-3W, AS-6, A-6-3W, SC-6	600 watts	540 watts	490 watts
A-1000, AS-10, SC-10	1000 watts	900 watts	800 watts
A-1500, AS-15, SC-15	1500 watts	1350 watts	1200 watts
A-2000, AS-20, SC-20	2000 watts	1800 watts	1600 watts