

English

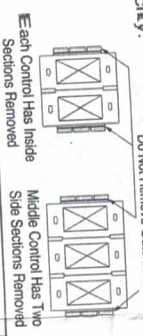
Dimmable CFL & LED Incandescent/Halogen 120V Dimmer Rated at 120VAC, 60Hz 600W, CFL & LED 150W/300W

Important Notes

- Please read before installing
- CAUTION:** Use only with permanently-installed 120V incandescent/halogen, CFL or LED light fixtures. To avoid overheating and possible damage to other equipment, do not use control receptacles, fluorescent lighting fixtures, motor-driven appliances, or transformer-supplied appliances.
 - Install in accordance with all national and local electrical codes.
 - Only one dimmer can be used in a 3-way circuit.
 - If no ground means exists within the wall box, then for this type of installation, cap the ground wire. A dimmer installed in this manner must be installed with a plastic, non-combustible, UL listed wall plate.
 - For new installations, install a test switch before installing the dimmer.
 - Protect dimmer from dust and dirt when painting or spackling.
 - It is normal for the dimmer to feel warm to the touch during operation. Do not use any chemical cleaners.
 - Clean dimmer with a soft damp cloth only. DO NOT USE FOR AT LEAST 90C AND USE COPPER WIRE ONLY.**
 - FOR SUPPLY CONNECTOR, USE WIRES RATED FOR AT LEAST 90C AND USE COPPER WIRE ONLY.
 - Some dimmerable CFLs and LEDs required a minimum of 2 bulbs or 10 wattage for proper operation.

Multigang Installations

When installing more than one control in the same wallbox, it may be necessary to remove all inner side sections prior to wiring (see below). If pre-installed remove the wallplate and wallplate adapter from dimmer. Using pliers, bend side section up and down until they break off. Repeat for each side section to be removed. Removal of dimmer side sections reduces maximum load capacity. Refer to chart below for maximum dimmer capacity.



Only INCANDESCENT Dimmer Degrading:	Single-Gang Rating	Double-Gang Rating	Triple-Gang Rating
Cat. No.	600 W	500 W, 500 W	400 W, 400 W, 400 W

Wattage allowed for mixing Bid types and multi-gang in the same wallbox	Maximum Incandescent Wattage	Break-away 1 side	Break-away 2 side
Total Installed	No Break-away	500	400
LEO/CFL Wattage	and	400	300
0W	and	500	200
1 to 25W	and	400	300
26 to 50W	and	300	200
51 to 75W	and	200	100
76 to 100W	and	300	100
101 to 125W	and	200	0
126 to 150W	and	0	0

Features:

- 100% brightness range dimming, lighting fades up and down smoothly.
- Widely applicable to meet a wide variety of applications.
- Designed for compatibility with most high efficacy light bulbs.
- Close-to-Zero pre-adjustment setting (pre-set Dimming Control).
- Switch returns load to previous level (pre-installation, no more "floating").
- Longer mounting strap for more rigid installation, no more "floating".

TWO YEARS LIMITED WARRANTY

The warranty gives you specific rights and you may also have other rights, which vary in different states and countries. Our company warrants to the original consumer purchaser that this product is free of defects in materials and workmanship for 2 years from the purchase date. This warranty does not cover labor, removal or reinstallation of the product and is void on any product installed improperly or in an improper environment, overused, misused and/or abused, or altered in any manner. Our company excludes incidental or consequential damages for breach of the product and/or any other product. Our company excludes incidental or consequential damages for breach of any warranty on this product. Some jurisdictions may not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

Installation

1 Turning OFF power.



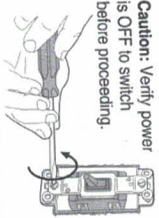
Turn power OFF at circuit breaker (or remove fuse).

2 Removing wallplate and switch.

- Remove wallplate and switch mounting screw.
- Carefully remove switch from wall (do not remove wires).

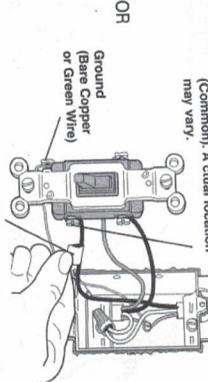
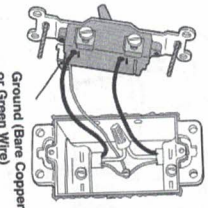


Caution: Verify power is OFF to switch before proceeding.



3 Identifying the type of circuit.

Different-colored screw (Common). A dual location may vary.



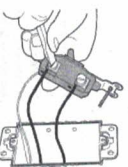
SINGLE-POLE: Insulated wires connected to two screws of the same color. Replace with a SINGLE-POLE dimmer. See Step 5a.

OR

3-WAY: Insulated wires connected to three screws. One of these wires is connected to a screw of a different-color (not green) or labeled COMMON, MARK or TAG this wire to identify it when wiring. Replace with a 3-WAY dimmer. See Step 5b.

4 Disconnecting switch wires.

Carefully disconnect switch wires.



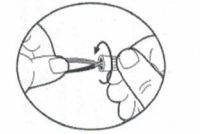
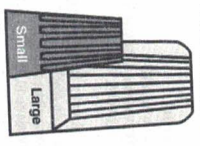
Screw Terminals: Turn screws to loosen.



Backward: Insert screwdriver. Pull wire out.

Important Wiring Information

When making wire connections, follow the recommended strip lengths and combinations for the supplied wire connectors. Note: Wire connectors provided are suitable for copper wire only. For aluminum wire, consult an electrician.



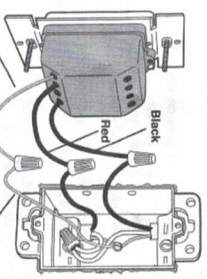
Small:
Strip insulation 3/8" for 14 AWG wire
Strip insulation 1/2" for 16 or 18 AWG wire
Use to join one 14 AWG supply wire with one 16 or 18 AWG control wire.

Large:
Strip insulation 1/2" for 10, 12 or 14 AWG wire
Strip insulation 5/8" for 16 or 18 AWG wire
Use to join one or two 12 or 14 AWG supply wires with one 10, 12, 14, 16, or 18 AWG control wire.

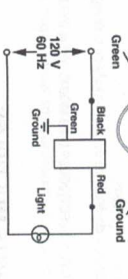
5 Wiring the Dimmer.

For installations involving more than one control in a wallbox, refer to the section on Multigang Installations before beginning. Note: Wire location will vary by product. Reference wires by color, not location.

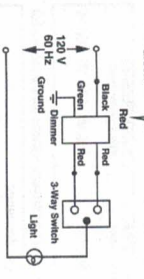
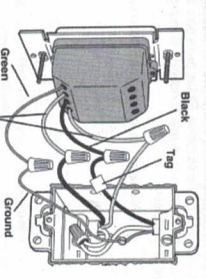
5a - Single-pole Wiring



- Connect the green dimmer ground wire to the green or bare copper ground wire in the wallbox (see Important Note 4).
- Connect the black dimmer wire to either of the wires removed from the switch.
- Connect the remaining red dimmer wire to the other wire removed from the switch.



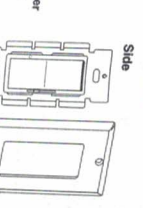
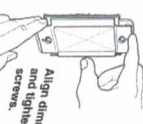
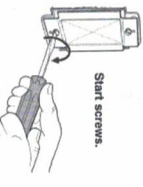
5b - 3-Way Wiring



- NOTE:** Only one dimmer can be used in a 3-WAY circuit.
- Connect the green dimmer ground wire to the green or bare copper ground wire in the wallbox (see Important Note 4).
- Connect the black dimmer wire to the wire removed from the switch (marked or tagged wire).
- Connect one of the red dimmer wires to either of the remaining wires removed from the switch.
- Connect the remaining red dimmer wire to the remaining wire removed from the switch.

6 Mounting dimmer to wallbox.

Form wires carefully into the wallbox, mount and align dimmer.



7 Turning ON power.

Turn power ON at circuit breaker (or replace fuse).



ADVERTENCIA

CAUTION: To Reduce the Risk of Overheating And Possible Damage to Other Equipment, Do Not Install To Control A Receptacle, A Motor-Operated Appliance, Or A Transformer-Supplied Appliance. Pour réduire le risque de surchauffe et le dommage possible à d'autres équipements, Ne pas installer afin de contrôler un réceptacle, un appareil à moteur, ni un appareil de transformateur alimenté.