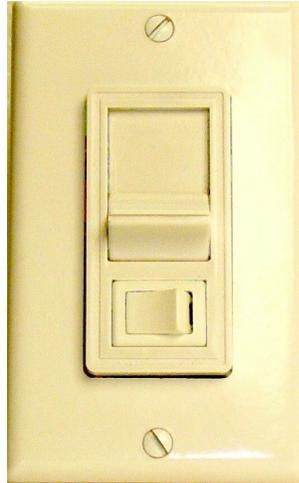


**Eclipsis Series Controls**  
**for use with HUNT *Simplicity*<sup>®</sup>**  
**Electronic Low Voltage Transformers**  
**120V and 277V**



<u><b>120V</b></u>	<u><b>277V</b></u>
PLV-5	PLV-527
PLV-5-3W	PLV-527-3W

**Features:**

- Continuous, flicker-free dimming control.
- Operates low voltage incandescent lighting that utilizes approved electronic and magnetic transformers.
- Specification-grade, preset design.
- Standard designer-style faceplate, included. (Screwless faceplate, optional.)
- Available in Ivory, White (standard colors), Brown, Black, or Gray (custom colors).
- Limited one-year warranty.

**Specifications:**

- Easy-to-operate, smooth-sliding linear control and switch.
- Preset slide control - strap mount.
- RFI filter.
- UL Listed.
- Available in single-pole or 3-way
- Fits in a standard 2" deep single gang switchbox.
- Maximum loads for both PLV-5 and PLV-527: 500 volt-amps (400 watts).

**Dimensions:**

Front piece dimensions: 2 3/4" X 4 1/2".  
 Back box dimensions: 1 5/8" X 2 5/8" X 1 3/8".

**Note:** If ganging multiple controls together, derating of 10% per side is necessary. All 3-way controls require a standard 3-way toggle switch to complete the circuit.

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

Tel: (970) 484-9048  
 Fax: (970) 493-4125  
[huntedimming.com](http://huntedimming.com)

**Dimming.**

It's all we do.  
 Since 1960.

## Installation and Wiring Instructions for HUNT *Simplicity*<sup>®</sup> Dimmer, Model *PLV-5* Single Pole and 3-Way 120 Volt, 60 Hz

This dimmer is designed for control of permanently installed, approved electronic and magnetic low-voltage transformers.

**Caution:**

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

**Avertissement:**

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

**Read Carefully Before Installing Dimmers:**

1. To avoid fire, personal injury, and/or damage to dimmer, turn power *OFF* at circuit breaker and test that power is *OFF* before wiring.
2. Use this device with copper or copper clad wire only.
3. Observe maximum number of transformers per dimmer, not to exceed a total of 500 volt-amps (400 watts).
4. When installing a 3-way dimmer, use only one dimmer and one standard 3-way switch per circuit. Never attempt to use two dimmers in the same circuit.
5. This low-voltage dimmer is designed for controlling the primary side of an approved electronic or magnetic low-voltage transformer. (See wiring diagram.)
6. For protection of transformers, it is recommended that each transformer be protected with an inline fuse.

**Note:** The load is determined by adding the volt-amp rating of the transformers to be controlled. The total load should not exceed the maximum volt-amp rating of the low-voltage dimmer.

**Application Information:**

This dimmer is approved for use with the following electronic transformers:

Manufacturer	Model
Hatch Transformer	VS Series
Lightech Transformer	LET-, LVT-, LRT-120V Series
Reliable Ballast	RB20B10B, RB20B15B, RB20B75T
Delta Transformer	ETC-NV & -IV Series

(Additional electronic transformers may also be compatible with this dimmer. Call HUNT to verify compatibility.)  
Please see reverse for list of typical compatible magnetic low-voltage transformers.

**Note:**

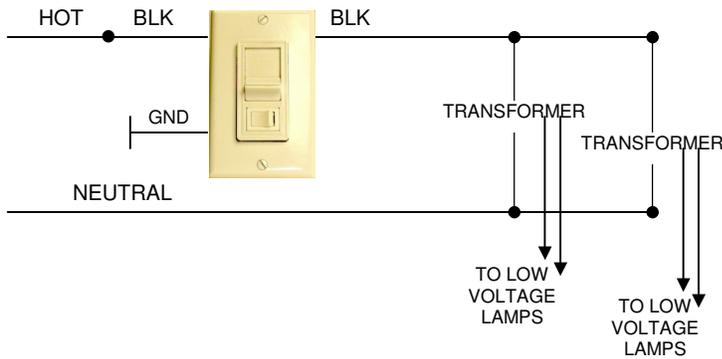
The PLV-5 dimmer has a maximum input of 500 volt-amps (400 watts) in the 120V, single-gang application. If units are ganged together, derating is necessary. Double-ganged units have a maximum input of 360 watts; triple-ganged units have a maximum input of 320 watts.

**Wiring Diagrams:** See reverse side.

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**Wiring Diagrams  
for HUNT *Simplicity*<sup>®</sup>  
Low Voltage Controls  
120V**

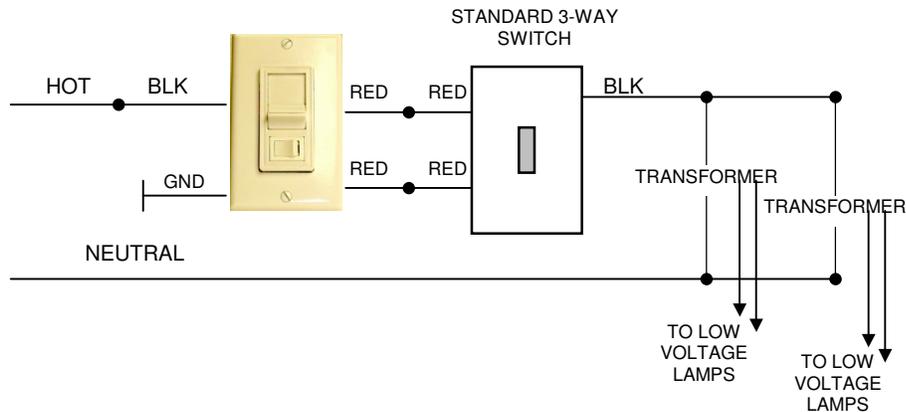
**Single Pole Wiring**



**Typical Compatible Magnetic Low Voltage Transformers**

TYPE	RATING
CAPRI ET-1	50VA
(1) CAPRI ET3-2F (REMOTE)	100VA
(1) CAPRI ET4-2F (REMOTE)	250VA
CAPRI KP 5075 (SOLID STATE)	
WIDELIGHT 1T25VA	25VA
WIDELIGHT 1T50VA	50VA
WIDELIGHT 1T100VA	100VA
WIDELIGHT 1T150VA	150VA
HALO L-2001 (SOLID STATE)	50VA
HALO LIGHTING H6591	20VA
HALO LIGHTING H6593	60VA
HALO LIGHTING H6599	180VA
JEFFERSON ELEC. 637-461	50VA
JEFFERSON ELEC. 637-471	100VA
JEFFERSON ELEC. 637-481	150VA
JEFFERSON ELEC. 637-491	250VA
Other transformers may be compatible. Please call factory.	

**Three Way Wiring**



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## Installation and Wiring Instructions for HUNT *Simplicity*<sup>®</sup> Dimmer, Model *PLV-527* Single Pole and 3-Way 277 Volt, 60 Hz

This dimmer is designed for control of permanently installed, approved electronic and magnetic low-voltage transformers.

### **Caution:**

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

### **Avertissement:**

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

### **Read Carefully Before Installing Dimmers:**

1. To avoid fire, personal injury, and/or damage to dimmer, turn power *OFF* at circuit breaker and test that power is *OFF* before wiring.
2. Use this device with copper or copper clad wire only.
3. Observe maximum number of transformers per dimmer, not to exceed a total of 3.7 amps (277V), including in-rush current.
4. When installing a 3-way dimmer, use only one dimmer and one standard 3-way switch per circuit. Never attempt to use two dimmers in the same circuit.

### **Application Information:**

This dimmer is for use with the following electronic low voltage (ELV) and magnetic transformers:

Manufacturer	Model
Hatch Transformer	RS12-60, RS12-80 or VJ Series
Lightech Transformer	LET-277V Series
Reliable Ballast	RB20D75T

(Additional transformers may also be compatible with this dimmer. Call HUNT to verify compatibility.)

### **Note:**

The PLV-527 dimmer has a maximum input of 3.7 amps in a 277V, single-gang application, which must include both transformer and lamp loads as well as a de-rating factor to account for the transformer in-rush current. Minimum loads are required for proper functioning of the dimmer. Small load applications may experience a high-end voltage drop and/or require a field trim adjustment. If units are being ganged together, additional de-rating is necessary. Double-ganged units have a maximum input of 1.0 amp; triple-ganged units have a maximum input of 0.7 amps.

**Wiring Diagrams:** See reverse side.

### **Hunt Control Systems, Inc.**

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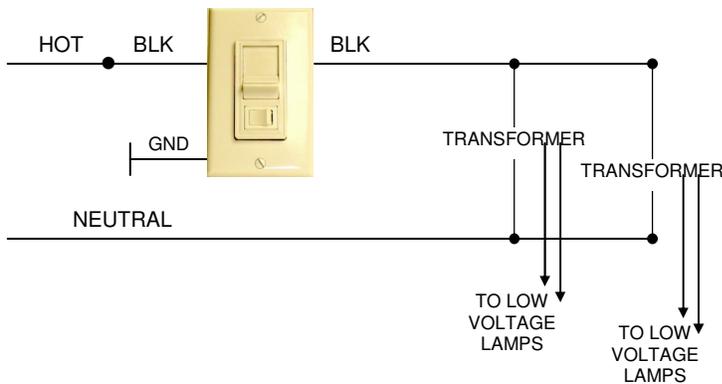
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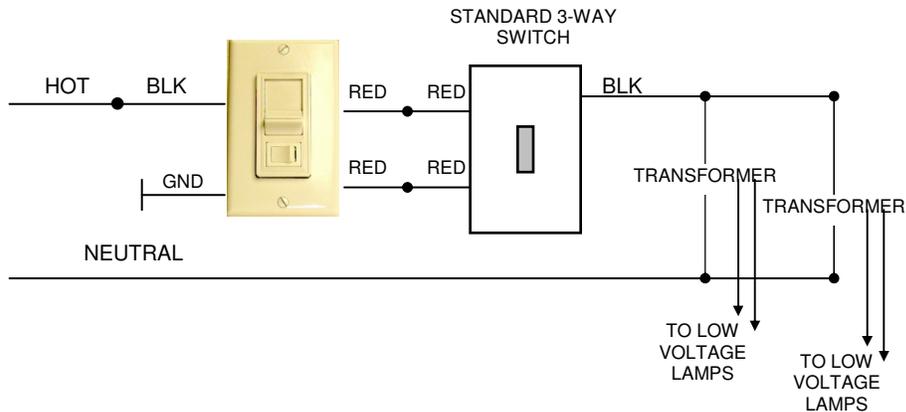
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**Wiring Diagrams  
 for HUNT *Simplicity*<sup>®</sup>  
 Low Voltage Controls  
 277V**

**Single Pole Wiring**



**Three Way Wiring**



**Typical Compatible Magnetic Low Voltage Transformers**

TYPE	RATING
CAPRI ET-1	50VA
(1) CAPRI ET3-2F (REMOTE)	100VA
(1) CAPRI ET4-2F (REMOTE)	250VA
CAPRI KP 5075 (SOLID STATE)	
WIDELIGHT 1T25VA	25VA
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Other transformers may be compatible. Please call factory.	

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