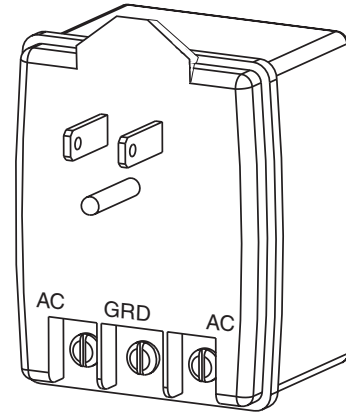


**Description**

The SV-50SF-PI, see Figure 1, is a 24VAC, Class 2 plug-in transformer that is used with a *Sivoia* or *Sivoia QED* motorized window shade. The transformer provides enough power for one *Sivoia* or *Sivoia QED* Motor Drive Unit to operate a 50 square foot shade. The transformer is designed to be plugged into a standard 120VAC receptacle. The transformer contains a fuse on the secondary side to protect the device in the event of a miswire.

**Figure 1**



**Caution** - All wiring must be in accordance with national and local electrical codes.



**Caution** - Do not short the output AC terminals.



**Caution** - Ensure that the earth ground is connected to the *Sivoia* or *Sivoia QED* Motor Drive Unit.

**Installation**

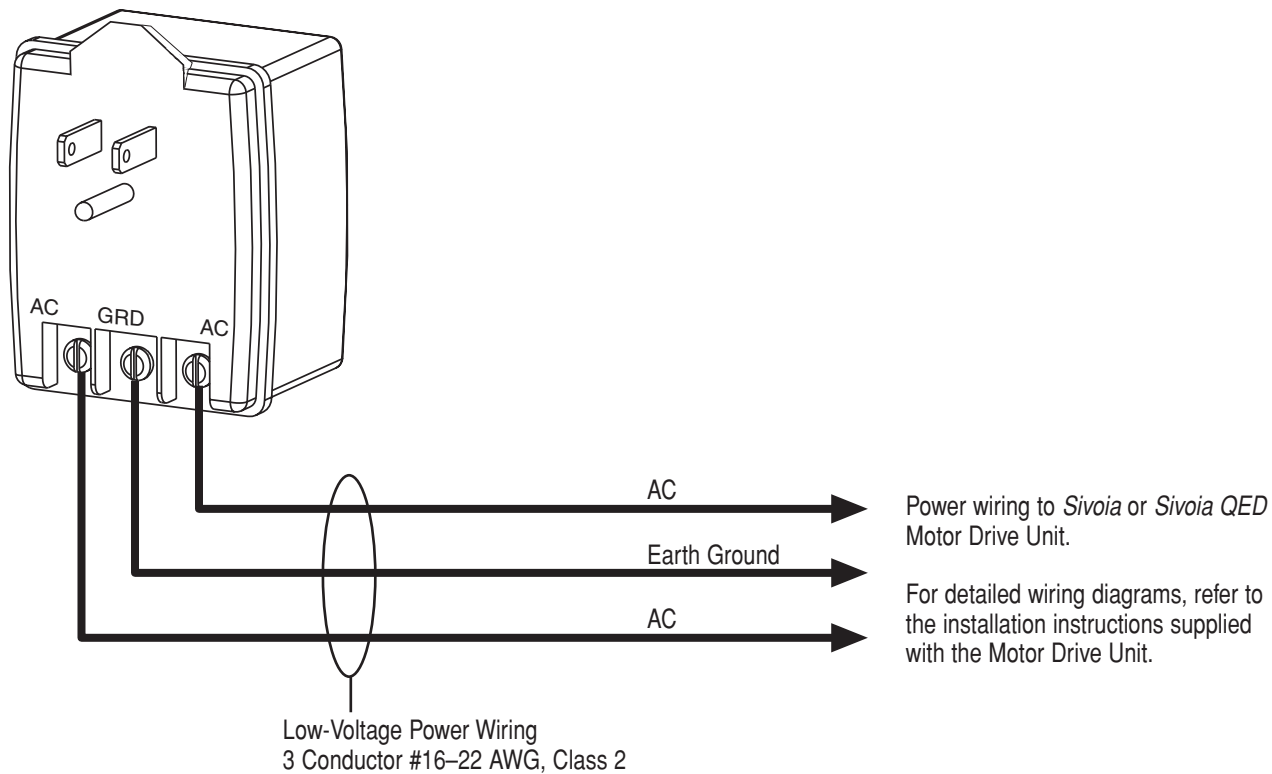
**Note:** Each transformer can power only **one** *Sivoia* or *Sivoia QED* Motor Drive Unit.

1. **Run Motor Drive Unit power wiring to the transformer.** Run the low-voltage power and earth ground wiring from the Motor Drive Unit to the screw terminals on the secondary side of the transformer. See Figure 2.
2. **Check that the output AC terminals are not shorted.**
3. **Plug the transformer into a 120VAC receptacle.**

**Power Wiring Types and Maximum Lengths**

Type	Maximum Length
3 conductor #16 AWG	200 ft.
3 conductor #18 AWG	150 ft.
3 conductor #20 AWG	100 ft.
3 conductor #22 AWG	60 ft.

Figure 2



## Technical Assistance

If you need assistance, call the toll-free **VIMCO Technical Support Center**. Please provide exact model number when calling.  
(800) 446-1503 (U.S.A., Canada, and the Caribbean)  
Other countries call (804) 752-3300  
Fax (804) 752-3366  
Visit our web site at [www.vimco.com](http://www.vimco.com)

## Limited Warranty

VIMCO will, at its option, repair or replace any unit that is defective in materials or manufacture within one year after purchase. For warranty service, return unit to place of purchase or mail to VIMCO at 11520 Sun Shade Lane, Ashland, VA 23005, postage prepaid.

**THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES, AND THE IMPLIED WARRANTY OF MERCHANTABILITY IS LIMITED TO ONE YEAR FROM PURCHASE. THIS WARRANTY DOES NOT COVER THE COST OF INSTALLATION, REMOVAL, OR REINSTALLATION, OR DAMAGE RESULTING FROM MISUSE, ABUSE, OR DAMAGE RESULTING FROM IMPROPER WIRING OR INSTALLATION. THIS WARRANTY DOES NOT COVER INCIDENTAL OR CONSEQUENTIAL DAMAGES. VIMCO'S LIABILITY ON ANY CLAIM FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE MANUFACTURE, SALE, INSTALLATION, DELIVERY, USE, REPAIR, OR REPLACEMENT OF THE SHADING SYSTEM SHALL NEVER EXCEED THE PRICE PAID FOR THE SYSTEM.**

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