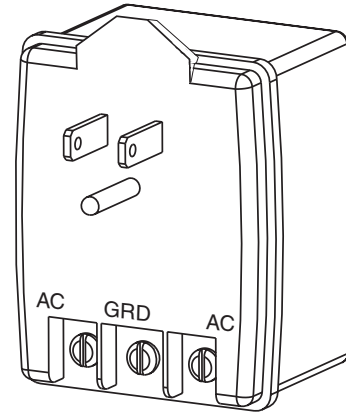


Description

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

