




Description

The SV-100SF-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 100 square foot shade (225 square foot for a high torque Motor Drive Unit). The transformer is designed to be plugged into a standard 120VAC receptacle. The transformer contains a circuit breaker on the secondary side to protect the device in the event of a miswire.

-  **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.**
Note: If the Motor Drive Unit does not power up after plugging in the transformer, press the circuit breaker reset button located on the transformer.

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 1

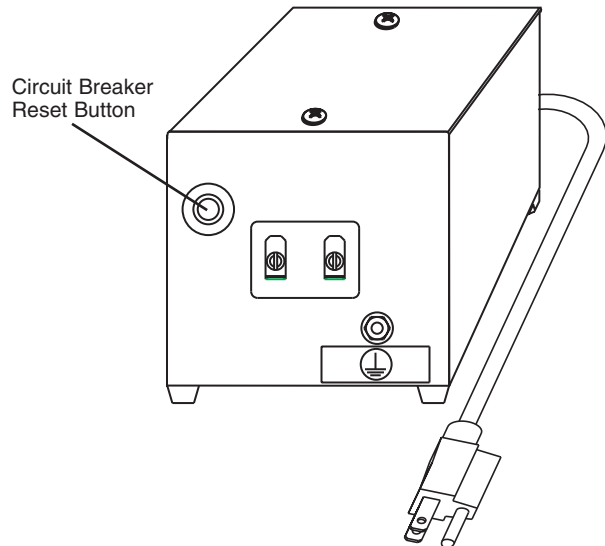


Figure 2

