

STL Series Transformers

Read these instructions carefully before installing this unit. Save instructions for future reference.

The STL series transformers are listed for outdoor use and are equipped with a single tap multi volt terminal block. With the use of a Low/Hi switch this feature allows you to select the most advantageous voltage (12/15 volts) for the system you are installing.

MOUNTING INSTRUCTIONS WARNING:

Transformers must be installed in accordance with the National Electric Code (NEC) and local codes. Failure to do so will void the warranty and may result in serious injury and/or damage to the transformer.

MOUNTING INSTRUCTIONS:

1. Remove the transformer from the box.
2. Find a suitable, flat surfaced location to mount the transformer, taking into consideration proximity to 120-volt AC power source. **Note:** Transformers approved for outdoor mounting only.
3. Mount the transformer to a solid surface, utilizing the mounting brackets on the top and bottom of the transformer.
4. Remove transformer cover plate & bottom plate

Note: It is recommended that the power supply cord be plugged into a weather tight electrical outlet equipped with a Ground Fault Interrupter (GFI) receptacle.

THERMAL PROTECTION: This unit is thermally protected and will automatically shut down when overheated. If the total lamp wattage on the circuit exceeds the rated wattage for the transformer, reduce the wattage by using a lower wattage lamp in the fixtures, or reduce the number of fixtures on the circuit. **Caution:** Transformers may get hot to the touch and are designed for outdoor use only. Do not touch if extremely hot.

LOW VOLTAGE CIRCUIT BREAKERS:

1. The circuit breaker will trip if there is a short circuit, or if the total lamp wattage exceeds the rated wattage for the transformer.
2. To reset the breaker, you must first resolve the issue that caused the trip. Only after you resolve the problem, you can reset the circuit breaker by pushing the toggle to the "on" position.
3. If breaker trips again, check for an overload or a short circuit. (see Thermal Protection)

WIRING:

- Underground low voltage cable may be used with the transformer. Strip approximately 3/8" of the insulation off each wire on the low voltage cable.
- Push the bare wires under the terminal screws on the terminal block and tighten screws securely. (Marked Output see Pg. 2)

Note: Any secondary wire not marked. "Suitable for direct burial" should be less than 6" in the ground.

To operate Photocell:

1. Make sure power is OFF to transformer, is NOT plugged into an electrical outlet.
2. Strip 3/8" of insulation, push bare wires into "PHOTOCELL IN" terminal, tighten screws
3. Mount photocell in a location so no artificial light shine on the photocell as this will cause the photocell to cycle on and off.

OPERATION OF COUNTDOWN TIMER MODULE & PHOTOCELL

To operate "Countdown Timer" (circuit breaker must be turned on with photocell Connected)

- OFF = Off
- ON = All on
- AUTO = On at Dusk - Off at Dawn
- 1, 2, 4, 6 or 8 H = On at Dusk - Off at 1, 2, 4, 6 or 8 Hrs
- Reinstall bottom plate and cover plate to operate transformer
- Plug power supply cord into standard 120-volt electrical outlet

Note: Timer Module is field replaceable and covered under warranty for 1 year.

