

Transformers are listed for indoor and outdoor use and are equipped with a unique multi-tap voltage terminal board. This feature allows you to select the voltage output most advantageous for the system you are installing. You may utilize one, two, or all six of the following power consoles: LV300, LV300SS, LV600, LV600SS, LV900 and LV900SS. Read these instructions carefully before installing this unit. Save instructions for future reference.

MOUNTING

1. Remove the transformer from the box.
2. Mount the transformer to a solid surface, utilizing the keyhole slots in the mounting bracket.
The transformer must be mounted at least one foot above ground level with wire terminals facing down.
3. Strip approximately 3/8" to 1/2" of the insulation off of each wire on the low voltage cable.
4. Push the bare wires under the terminal screws on the terminal block and tighten the screws securely. (See Fig. 1 and the following instructions to select desired voltage output.)
5. Plug power supply cord into standard 115/120 volt electrical outlet. 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. When it is, per 1999 NEC 680-6(b)(4), the fixtures can be installed between 5 and 10 feet (1.52 and 3.05 meters) horizontally from the inside wall of a pool.
6. Underground Low Voltage Cable LV12-100, LV12-500, or LV10-500 may be used with the Power Consoles. NOTE: Any secondary wire not marked "suitable for direct burial" should be less than 6" in the ground.

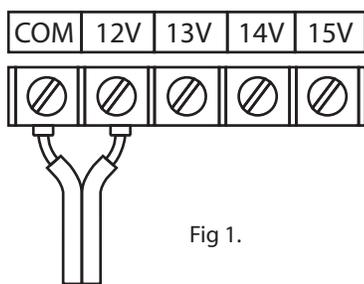


Fig 1.

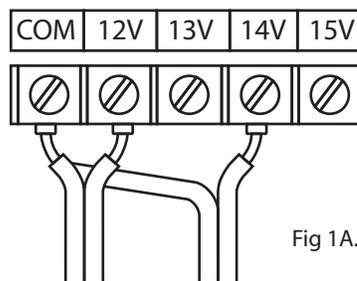


Fig 1A.

INSTRUCTIONS FOR MULTI-TAP VOLTAGE TERMINALS

1. 12 VOLT position - Use COM and 12 V terminal block positions
 - A) When the fixture lamp wattage load is less than 40% of transformer rating.
 - B) When less than 40 feet of cable is used.
 - C) For extended bulb life for 12V incandescent lamps.
2. 13 VOLT position - Use COM and 13 V terminal block positions
 - A) When the fixture lamp wattage load is between 40% - 60% of transformer rating.
 - B) When 40 - 60 feet of cable is used.
3. 14 VOLT position - Use COM and 14 V terminal block positions
 - A) When the fixture lamp wattage load is between 60% - 80% of transformer rating.
 - B) When 60 - 100 feet of cable is used.
4. 15 VOLT position - Use COM and 15 V terminal block positions
 - A) When the fixture lamp wattage load is between 80% - 100% of transformer rating.
 - B) When 100 - 150 feet of cable is used.

NOTE: Different voltages can be used at the same time. (See Fig.1A) The total lamp wattage cannot exceed the rated wattage of the transformer. One wire of each cable must be connected to the Common Terminal.

THERMAL PROTECTION

This unit is thermally protected and will automatically shutdown when overheated. If the total lamp wattage on the circuit exceeds the rated wattage of the Power Console, reduce the wattage by using lower wattage lamps in the fixtures, or reduce the number of fixtures on each circuit. EXAMPLE: If you have a 300VA power to cycle on and off, have it inspected by a qualified electrician.

LOW VOLTAGE CIRCUIT BREAKERS

(One for each 300VA circuit. RESETTABLE SWITCH TYPE.)

1. The circuit breakers will trip if there is a short circuit or if the total lamp wattage exceeds the rated wattage per circuit.
2. To reset breaker, push the toggle to the "on" position. If breaker trips again, check for an overload or a short circuit.