CS9300 Professional Series
Supplemental Wiring Instructions

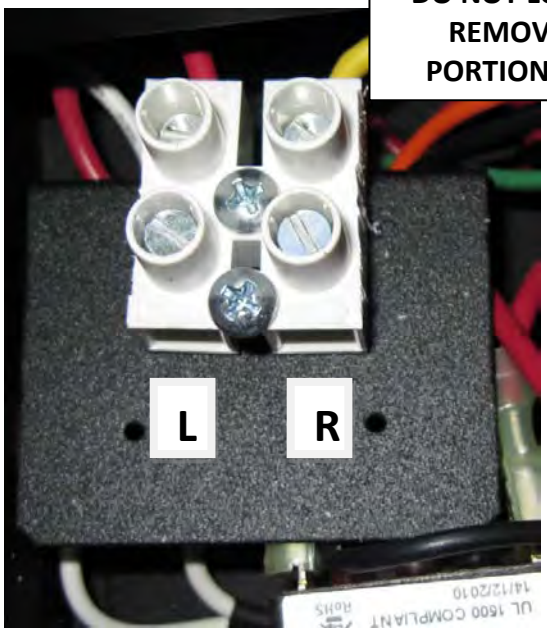
To clarify installation and wiring of your 300 watt (or 600 watt transformer if purchasing the CS960T Upgrade), please refer to the instructions below.

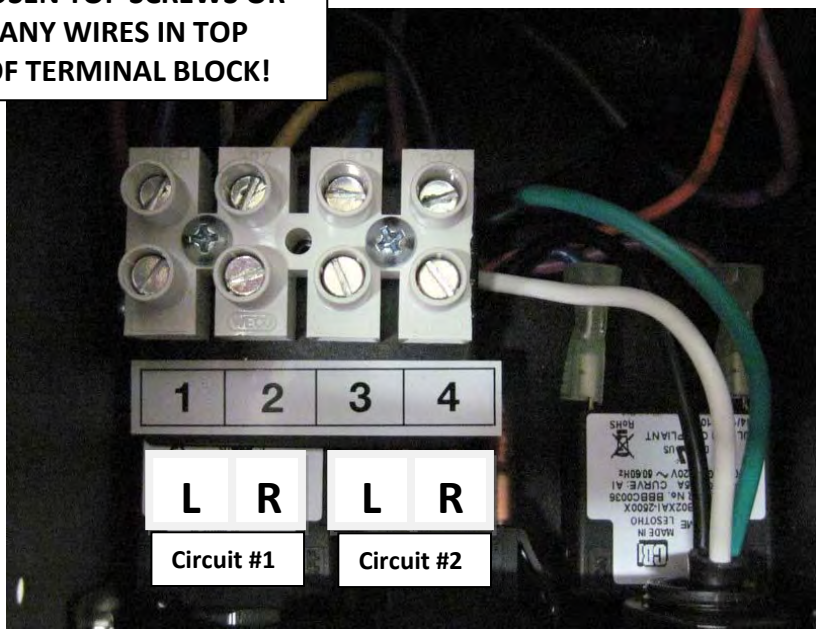
1) USE ONLY THE BOTTOM SCREW TERMINALS TO ATTACH THE MAIN CABLES FROM THE LIGHT FIXTURE RUNS. *DO NOT LOOSEN TOP SCREWS OR REMOVE WIRES ATTACHED TO THE TOP SCREWS*.
2) FOR THE 600 WATT TRANSFORMER, TERMINALS 1 AND 2 ARE USED FOR THE FIRST 300 WATTS OF POWER AND TERMINALS 3 AND 4 ARE USED FOR THE SECOND 300 WATTS OF POWER. *EACH MAIN CABLE RUN MUST BE CONNECTED TO EITHER 1 AND 2 OR 3 AND 4.* SEE DIAGRAM BELOW (SHOWING UP TO 4 MAIN CABLE RUNS).
3) ATTACH ONE SIDE OF THE MAIN CABLE RUN TO THE LEFT TERMINAL (1 OR 3 IF INSTALLING THE 600 WATT TRANSFORMER) BY INSERTING THE STRIPPED WIRE (APPROX. ¾") INTO THE BOTTOM OF THE TERMINAL BLOCK. ATTACH THE OTHER SIDE OF THE MAIN CABLE RUN TO THE RIGHT TERMINAL (2 OR 4 IF INSTALLING THE 600 WATT TRANSFORMER). TIGHTEN BOTTOM TERMINAL SCREWS TO SECURE EACH WIRE.

300 Watt Transformer

600 Watt Transformer

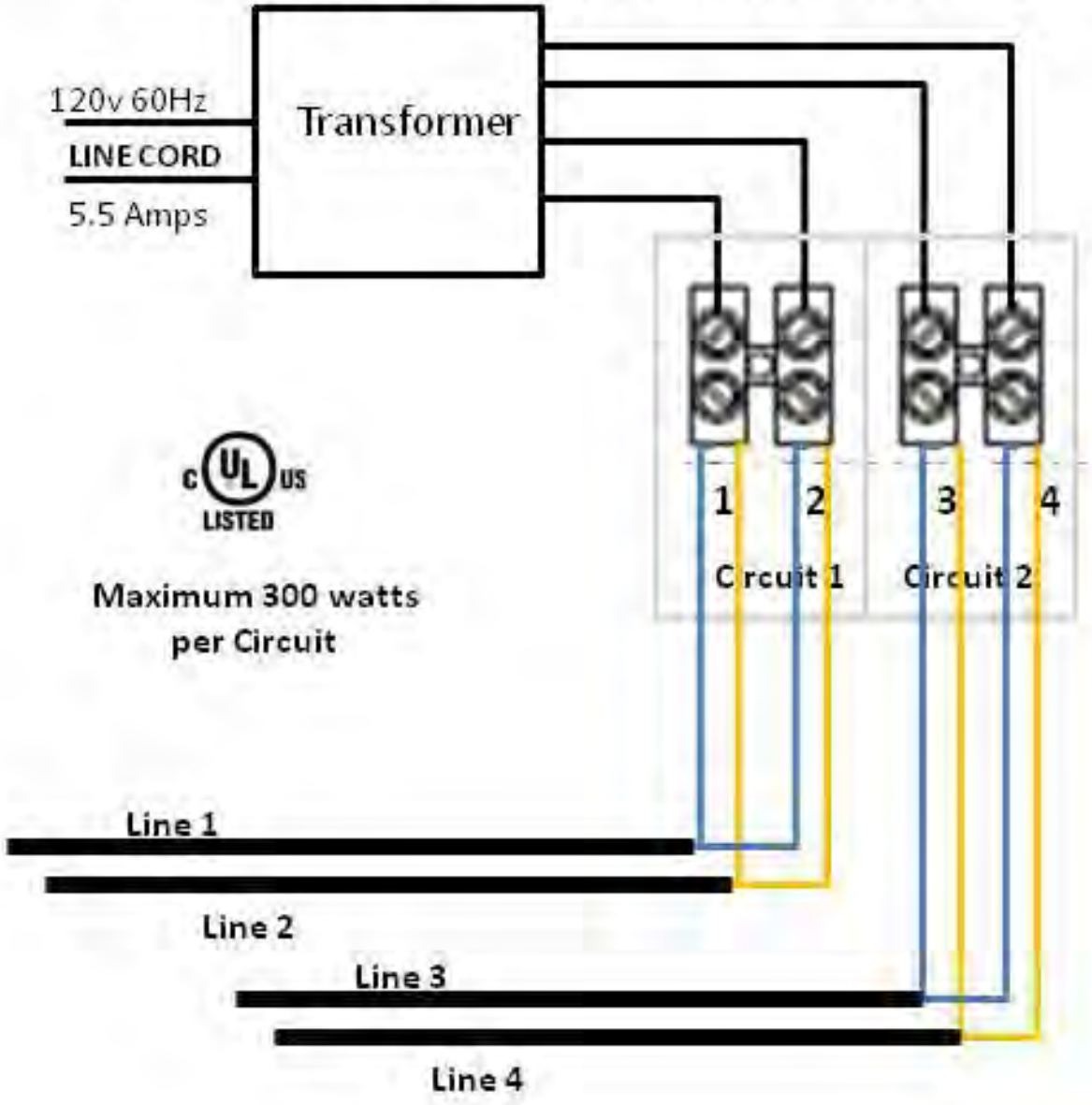
DO NOT LOOSEN TOP SCREWS OR REMOVE ANY WIRES IN TOP PORTION OF TERMINAL BLOCK!





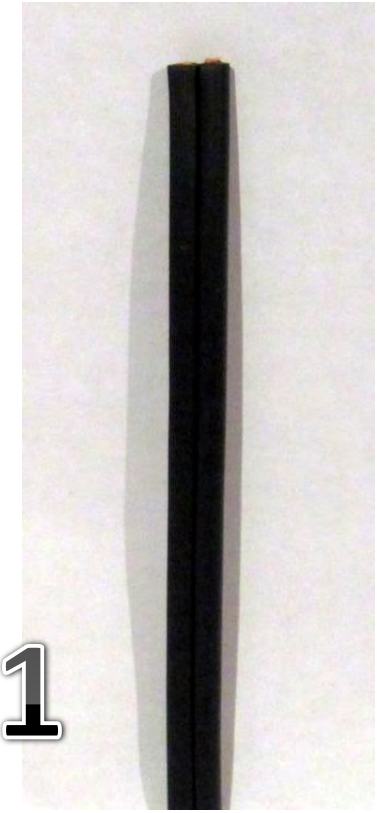
Insert one side of each main cable run into the bottom of the terminal block in the LEFT screw terminal and one side in the RIGHT screw terminal.

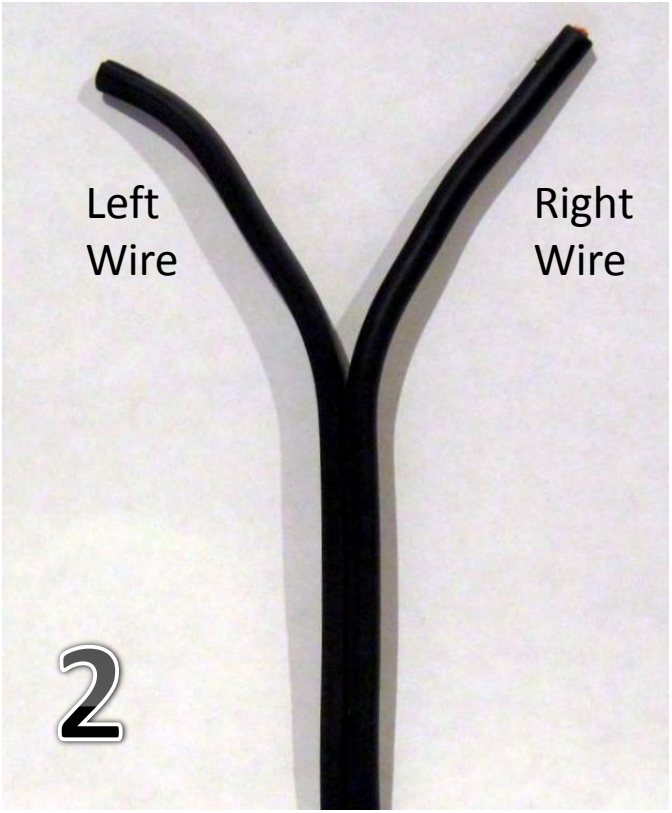
Wiring Diagram
CS960T (ODX600SHL)
LOW VOLTAGE OUTDOOR LIGHTING TRANSFORMER

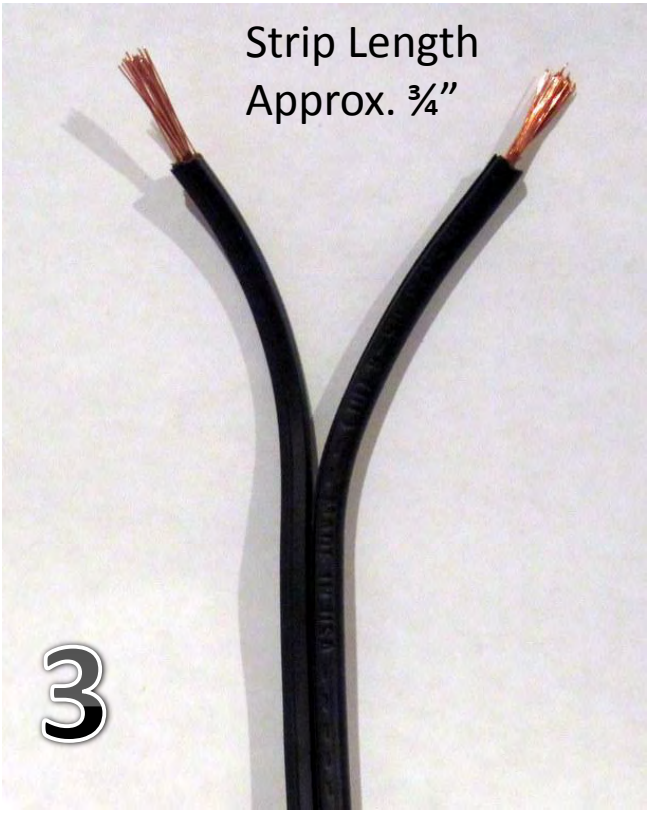


CS9300 Professional Series

Step by Step Wiring Instructions







- Each 12/2 main cable must be split in the middle to create a left and right side.
- Strip the outer insulation from each wire approximately ¾” of an inch to expose the copper stranded wires

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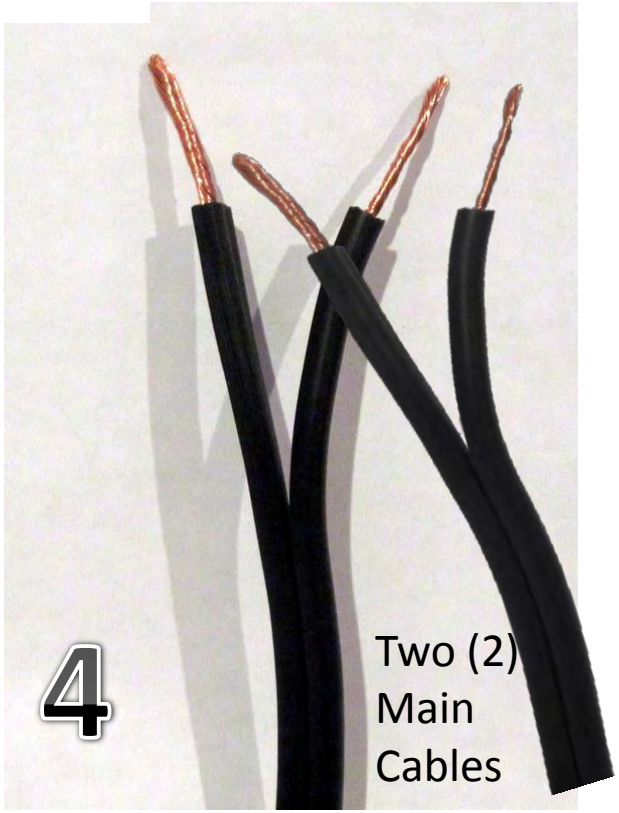
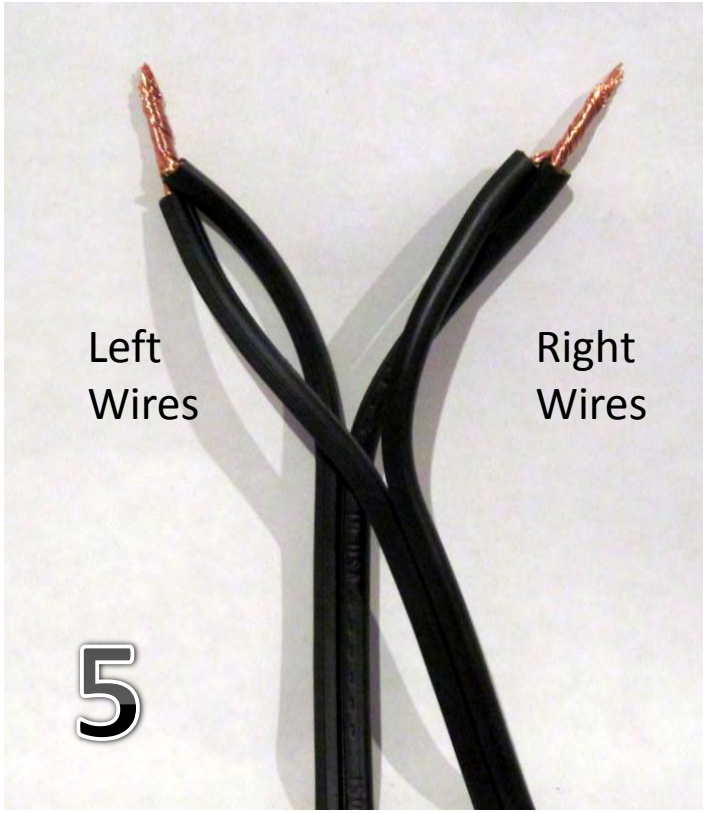


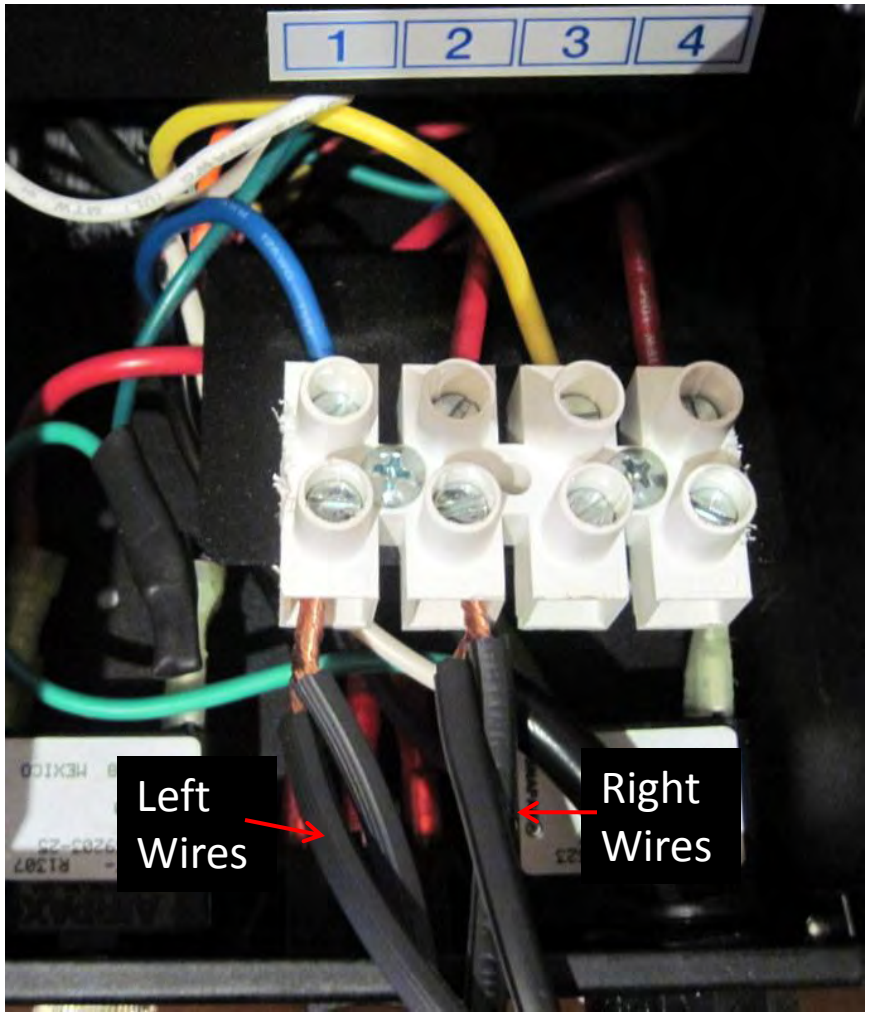


• For a single home run cable, twist the strands of copper wire together tightly for each side.

•For more than one home run cable, twist the strands of copper wire together, combining each side together tightly as shown in #5 to make a completed wire harness. Make sure the left and right sides of each cable are separated.

CS9300 Professional Series

Step by Step Wiring Instructions



- Insert the left side of the wire harness in the bottom side of Terminal 1 and tighten the bottom screw to secure the wires.

- Insert the right side of the wire harness in the bottom side of Terminal 2 and tighten the bottom screw to secure the wires.

•Do not exceed a total of 250 Watts combined for all fixtures attached to the cables in Terminal 1 and Terminal 2 to avoid overloading the circuit.

- You can typically run 3 main cables in each terminal if you need to add another home run.

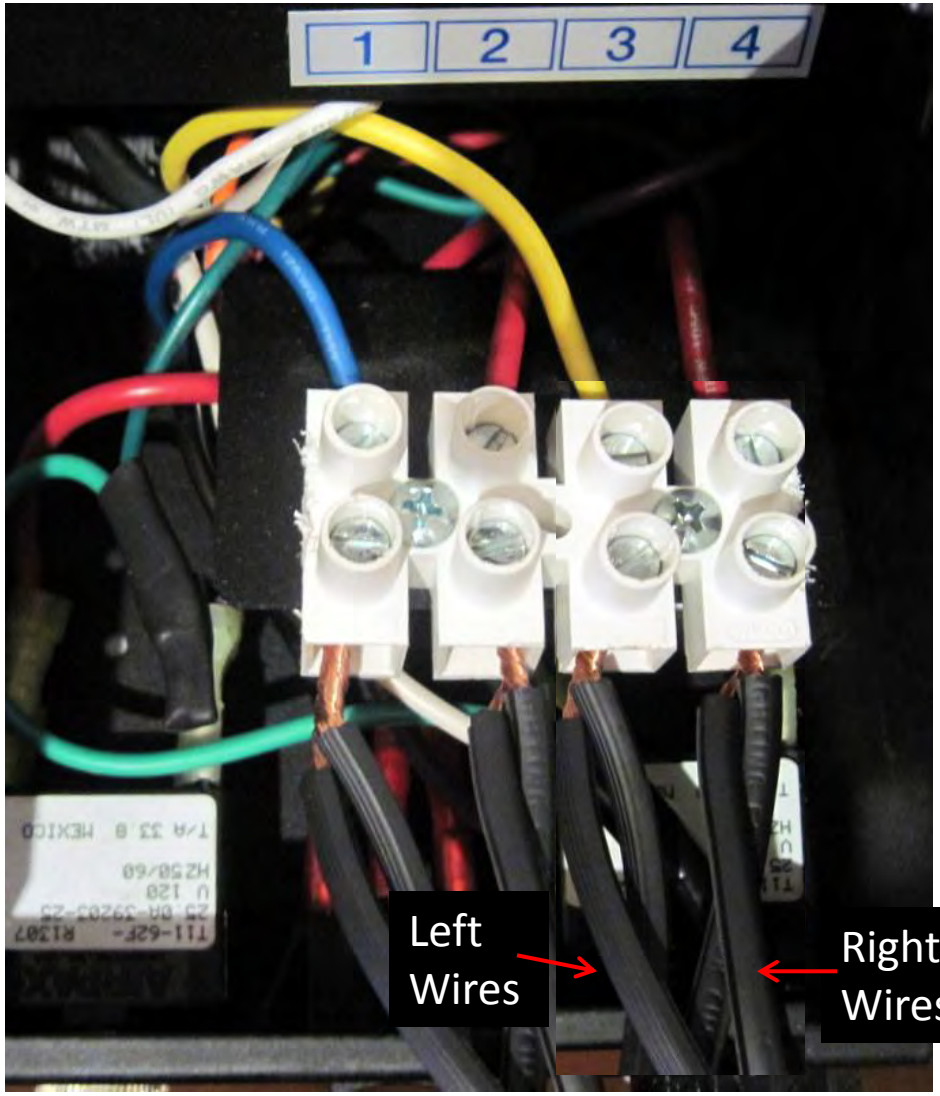
CS9300 Professional Series

Step by Step Wiring Instructions

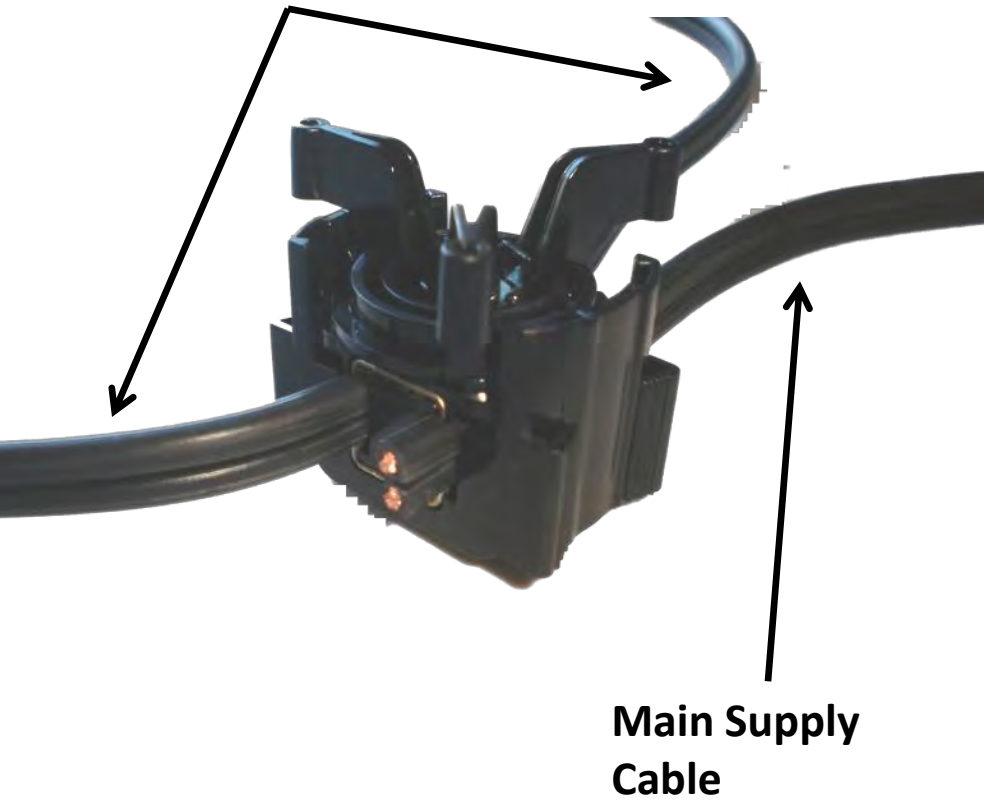
- Repeat the steps to add cable runs to the 2nd set of terminals (Terminal 3 and Terminal 4).

- The same rules apply to Terminals 3 and 4 regarding total maximum wattage and number of main cable runs as in the previous page for Terminals 1 and 2.

- Be sure to balance the wattage load between both sides (circuits) of the 600 watt transformer. Remember, Terminals 1 and 2 make up the first 300 watt circuit and Terminals 3 and 4 make up the second 300 watt circuit.



T-Connector Cable Basics



- Use T-Connector Cables to connect 2 or more luminaires to the Main Supply Cable.
- Always connect the luminaires to the TCC – not the Main Supply Cable.
- Do not exceed 25 feet in length from each side of the T-Connector (50 ft. total). *NOTE: The TCC is a continuous cable from end to end. DO NOT CUT TCC in half!*
- To eliminate the possibility of creating a short circuit, offset the ends of the TCC by clipping one side ½" as shown below.

CS9300 Professional Series

Landscape Lighting System

OPERATING INSTRUCTIONS: **MODEL IT-01 Timer with Photocell**

Plug timer into GFCI protected outlet.

Choose from the following functions by rotating the selector dial:

DIAL SETTING	FUNCTION DESIRED
OFF	Power is OFF
ON	Manual over ride – power is ON
2, 4, 6, or 8 HRS	Lights on at DUSK and OFF after 2, 4, 6, or 8 hours
DUSK - DAWN	Lights on at DUSK and OFF at DAWN

When used outdoors, plug timer only into a GFCI protected receptacle. Receptacle should be mounted in an approved "weatherproof while in use" type outlet box.

NOTE: ***Timer must be mounted where accessible to sunlight for dusk-down features.***