

INSTALLATION INSTRUCTIONS

SRT-500M-12V/24V

Only a qualified electrician should install this hardwired transformer. Turn off power at main switch prior to installation.

For all the wire connections: Use UL listed **Wire Nuts**.

For all the opened knockouts: Use UL listed **Clamp Connectors** suitable for the size and type.

Please check that the total lamp wattage is not more than 500 Watts.

MOUNTING:

Choose the best location on any rigid vertical wall, making sure that the wiring compartment points up.

Remove the wiring compartment cover by pulling it out (there are no screws). (**fig. 2**) The enclosures have three knockouts on each side, a total of 6 knockouts, you need only three, one for the input and two for the output. Side does not matter - the input and the output can be on the same side (if you are mounting on a corner and one side is blocked) or the input and the output can be on different sides. Remove the knockouts for the input and the output (**fig. 3**) and connect the suitable clamps. (**fig. 4**) There is a key hole plate (in separate, **fig. 1**). Connect it to the back panel with two screws.

To mount the transformer case: Two 1/4" screws in the wall would be enough to hang the transformer case tightly to the wall through the lock holes. (**fig. 2**)

GROUNDING:

The transformer case must be grounded, by connecting the transformer green wire to the ground, using wire nuts. (**fig. 5**)

OUTPUT CONNECTIONS:

This SRT-500M transformer can be used for 12V or 24V lamps. It has four output positions on the terminal block.

Two 12V output circuit (250 W each):

1st circuit: Bring two 12V lamp wires in through the open knockout and connect them to the #1 and #2 positions.

2nd circuit: Bring the other two 12V lamp wires in through an open knockout, and connect them to the #3 and #4 positions. (**fig. 4**)

One 24V output circuit (500 W):

Place a jumper between the #2 and #3 positions on the terminal block. Bring the 24V lamp wires in through the open knockout, connect them to the #1 and #4 positions on the terminal block. (**fig. 5**)

INPUT CONNECTION:

This transformer is designed for use with 120V 60Hz power only. Bring the input wires in through the open knockout and connect them to the transformer black and white wires. (**fig. 5**)

BOOST-TAP: (Orange)

Connect line (black) and corn (white) first Measure voltage at the end of the run. If voltage is below 10.5V, then replace the black wire with the orange. Be sure to put the wire nut on the black wire.

Please check and make sure you have followed the Instructions carefully.

