

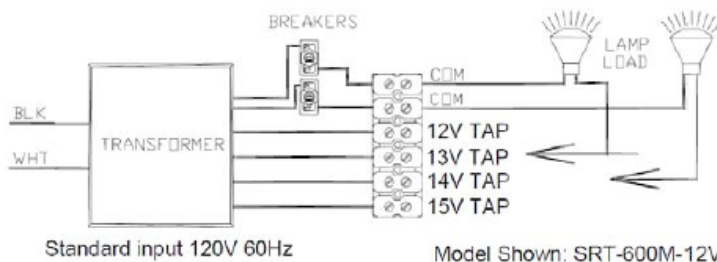
## Instructions : 12V multi-Tap Magnetic Transformers

Models: SRT Series

### CAUTION – TO REDUCE RISK OF FIRE AND ELECTRICAL SHOCK

- Always turn off power at main switch prior to installation.
- Intended for installation by a qualified electrician.
- System is intended for installation in accordance with National Electric Code, and local regulations.
- Consult with local inspector to assure compliance.
- Indoor transformers are UL 2108 Listed. They are equipped with a unique multi-tap voltage terminal board. This feature allows you to have the correct voltage at the load
- You may utilize one, two, three, or all the taps at once, as long as maximum wattage for the circuit is not exceeded.
- All unit are equipped with re-settable secondary circuit breakers

Model	Max Load	
SRT-300-12V	300W	(1)300W Circuit
SRT-500-12V	500W	(2)250W Circuits
SRT-600-12V	600W	(2)300W Circuits
SRT-600M2-12V	600W	(2)300W Circuits
SRT-1000-12V	1000W	(4)250W Circuits



### INSTALLATION

- Mount the transformer to a solid surface using the keyhole slot on the mounting bracket. For surface mount application use the keyhole slot for ease mounting.
- Turn off the electrical power at panel.
- Measure the approximate distance from the transformer to the load, Use table below to select the correct tap at the transformer.
- Strip approximate 1/2" of insulation off of each low-voltage cable.
- Push the bare wire under the terminal screws on the terminal block and **tighten** the screw securely. Connect your incoming voltage source wires to the White and Black wires nuts. Connect your Ground wire to the Green wire or stud in the console.
- Remember all primary and secondary wiring must be class 1 or class 2 per National Electric Code article.
- Make sure all wiring is tight and secure, Turn on all breaker inside console, Turn on your main breaker, Measure voltage at the lamp. Ideal lamp voltage should be between 11.2-12.0V.
- If your voltage is lower, then pick the correct tap at the secondary terminal board.
- Check the voltage at the load again, and make sure you do not exceed the proper voltages.
- Allow the entire system to operate for a minimum ten minutes, the connections should be excessively hot to the touch, If any connections is hot, then turn the system off and reconnect and tighten connection.
- Install cover using provided screws

### VOLTAGE DROP TABLE FOR LOW VOLTAGE CABLE RUN

Load(Watt)	12V Terminal Setting		13V Terminal Setting		14V Terminal Setting		15V Terminal Setting	
	12 AWG	10 AWG	12 AWG	10 AWG	12 AWG	10 AWG	12 AWG	10 AWG
100-150	0-10'	0-16'	10'-34'	16'-54'	34'-58'	54'-92'	58'-82'	92'-130'
150-200	0-8'	0-12'	8'-25'	12'-41'	25'-43'	41'-69'	43'-61'	69'-98'
200-250	0-6'	0-10'	6'-20'	10'-32'	20'-35'	32'-55'	35'-49'	55'-78'
250-300	N/A	0-8'	N/A	8'-27'	N/A	27'-46'	N/A	46'-65'

**WAC LIGHTING**  
Responsible Lighting®

Retain these instructions for future service and adjustments  
44 Harbor Park Drive, Port Washington, NY 11050  
Tel: 800.526-2588  
[www.waclighting.com](http://www.waclighting.com)