INSTALLATION INSTRUCTION

24V Multi-Tap Magnetic Transformers

SRT-300M-24V, SRT-600M-24V

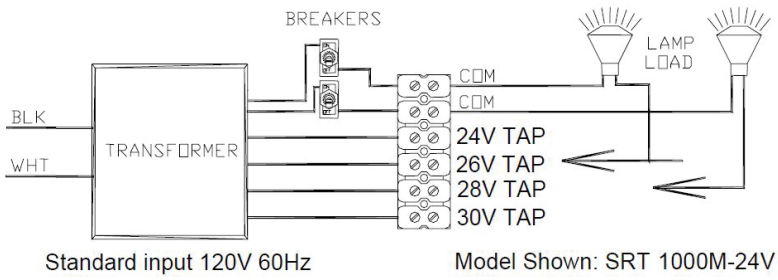
WAC LIGHTING
Responsible Lighting®

CAUTION – TO REDUCE RISK OF FIRE AND ELECTRICAL SHOCK

- Have a qualified person install transformer. Install 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 units are equipped with re-settable secondary circuit breakers.

24V SYSTEM

Model	Max Load	
SRT-300M-24V	300W	(1) 300W circuit
SRT-600M-24V	600W	(2) 300W circuit



Standard input 120V 60Hz

Model Shown: SRT 1000M-24V

INSTALLATION:

1. 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 of mounting.
2. Turn off the electrical power at panel.
3. Measure the approximate distance from the transformer to the load. Use table bellow to select the correct tap at the transformer.
4. Strip approximately ½" 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 you incoming voltage source wires to the White and Black wires using wire 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 411.
5. Make sure all wiring is tight and secure. Turn on all breakers inside the console. Turn on you main breaker.
   Measure voltage at the lamp. Ideal lamp voltage should be between 23 – 24V.
   If your voltages are lower, then pick the correct tap at the secondary terminal board. Remember each tap increases you voltages by approximately one volt. (Depending on the length of cable).
   Check the voltages at the load again and make sure you do not exceed the proper voltages.
6. Install cover using provided screws.

VOLTAGE DROP TABLE FOR LOW VOLTAGE CABLE RUN:

	24V Terminal Setting		26V Terminal Setting		28V Terminal Setting		30V Terminal Setting	
Wattage	12 AQG Wire	10 AWG Wire	12 AQG Wire	10 AWG Wire	12 AQG Wire	10 AWG Wire	12 AQG Wire	10 AWG Wire
100-150	20′	32′	116′	184′	211′	336′	307′	488′
150-200	15′	24′	87′	138′	159′	252′	230′	366′
200-250	12′	19′	69′	111′	127′	202′	184′	293′
250-300	10′	16′	58′	92′	106′	168′	154′	244′

WAC Lighting
www.waclighting.com
Phone (800) 526.2588 • Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive • Port Washington, NY 11050
Phone (516) 515.5000 • Fax (516) 515.5050

Western Distribution Center
1750 Archibald Ave • Ontario, CA 91761
Phone (800) 526.2588 • Fax (800) 526.2585