



Installation and Operation Instructions

ACI/LE

READ THESE INSTRUCTIONS BEFORE YOU BEGIN INSTALLATION

The transformers are designed for use in 24-volt AC control systems, including Air Conditioning Circuits, Thermostats, Gas Valves, Relays, and many other applications that DO NOT exceed the listed ratings. It can be used to replace any transformers with the same primary input voltage and equal or smaller VA ratings.

■ INSTALLATION

1. Disconnect the power supply or turn off the circuit breaker before beginning installation, to prevent electrical shock on equipment damage.
2. All of the transformers can be Foot, Plate, or Hub Mounted.
20 VA to 100 VA – Foot Mount
20 VA to 60 VA Plate or Hub Mount using the 1/2" Conduit Hub and Locknut.
3. Connect the Secondary Voltage.
Refer to the Voltage color or Terminal coding on the transformer for proper wire combinations. On terminal type transformers, **<Make sure that no exposed wire can come in contact with any terminal.**
4. Now connect the primary voltage. Refer to the **Voltage Color Coding** on the transformer for the proper wiring combination.
5. Tape or Wire Nut all of the unused exposed wires separately to avoid a possible electrical short.
6. Check the installation to make sure that everything is OK and then either reconnect the power supply or turn the Circuit Breaker back on and verify that everything works correctly.

■ WIRING COLOR CHART

Primary Voltage (AC)	Lead Colors	Secondary Voltage AC	Wire Lead Colors
120V	BLACK & WHITE	24V	BLUE & GREEN
208V	BLACK & RED		RED & WHITE
240V	BLACK & ORANGE		WHITE & ORANGE
277V	BLACK & YELLOW		
440V	BLACK & BROWN		
480V	BLACK & GRAY		

COM = BLACK

A = WHITE

B = BLUE

C = RED

D = ORANGE