

L__Y-01 SERIES

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INSTALLATION INSTRUCTIONS

APPLICATION

The L series are designed for use as operating or regulating controls only. Where control failure could result in personal injury or the loss of property, an approved backup temperature limit control or an advisory alarm system should be used to warn of control failure.

Model	Description	Operation
L__Y-01	Heat or Cool SPDT	Opens N.C. circuit on temp. rise/closes N.O. circuit on temp rise.

Electrical Ratings

25 AMP @ 125/240/480 Vac

3/4 HP @ 125 Vac

1 1/2 HP @ 240 Vac

CAUTION

Installation must be performed by an experienced, qualified service person.
Always disconnect power supply before performing any work.
Wire nut or otherwise insulate any unused conductors.
All wiring must conform to state and local codes.

Safety Information

1. Disconnect all power before installing or servicing.
2. Be certain that the electrical load that is to be controlled does not exceed the thermostat rating.
3. This thermostat is intended for permanent installation and must be installed in accordance with the National Electric Code (NEC) and all state and local codes.
4. Use copper conductors only.

Installation

1. Locate the thermostat sensing bulb 4 to 6 FT. above the floor, where it will be exposed to an average temperature of the controlled space. Do not mount near windows, doors or direct sunlight.
2. Remove the thermostat cover. Position the box with the wiring hole oriented as desired. Fasten the box to the wall with 2-3 screws through the mounting holes.
3. The thermostat may be installed using conduit, flexible cable or other code approved wiring methods. All fittings and materials used should be approved for the application and should be installed in accordance with instructions.
4. Complete the wiring by attaching the thermostat leads in accordance to the applicable wiring diagram using wire nuts (not provided). A green ground wire is provided to attach the line and equipment ground to the thermostat. After the connections are made, all wires should be pushed back into the box.
5. The thermostat cover should now be attached to the box using the screw provided.

Operation

After installation and wiring, check the operation in the following manner:

1. Adjust the thermostat set point to about 10 degrees below room temperature.
2. Restore power.
3. Slowly raise the set point of the thermostat. When the set point reaches room temperature, the heater should come on.

Since the thermostat may be affected by the installers hand, allow the necessary amount of time after handling before performing operation check.

The L Series thermostats are factory calibrated and require no field adjustments. Changing the calibration will void the warranty. Do not bend or damage the sensing bulb as this will affect operation of the unit.