

# PRO<sup>1</sup>

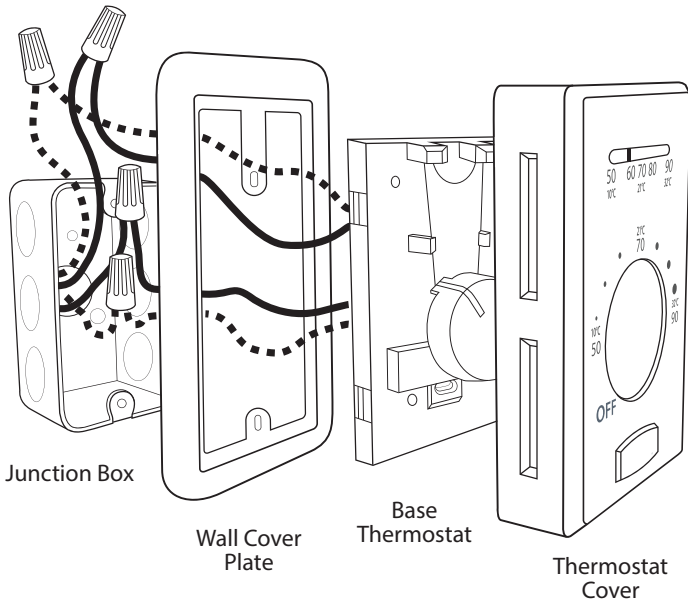
# T501ML2 T501ML4

**Pro1 Technologies**

P.O. Box 3377  
Springfield, MO 65808-3377  
Toll Free : 888-776-1427  
Web: www.pro1iaq.com  
Hours of Operation: M-F 9AM - 6PM Eastern



- Temperature Range.....50°F to 90°F (10°C to 32°C)
- Electric Rating..... 22A/120VAC Resistive (Non-Inductive)  
22A/240VAC Resistive (Non-Inductive)  
19A/277VAC Resistive (Non-Inductive)
- Differential.....3°F Non-adjustable
- Mount.....Vertical
- Color.....White
- T501ML2.....SPST Switch - Singleline disconnect  
Black - Black: Opens on temperature rise
- T501ML4.....DPST Switch - Double line disconnect  
Black - Black: Opens on temperature rise  
Red - Red: Opens in OFF position for double line disconnect
- Wire.....6 inch leads (12 AWG)
- Dimensions.....W - 2.9", L - 4.7", D - 9" (from wall), 1.6" (total)
- Application.....Electric heat thermostat
- Warranty.....2 year

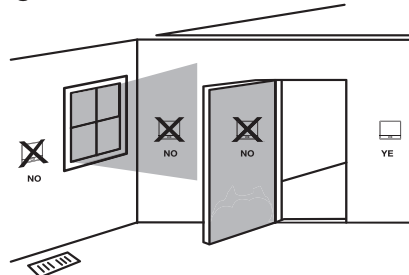


## Installation Steps

1. Disconnect electrical power at main fuse or circuit box.
2. Remove Thermostat Cover from the thermostat base.
3. Place the wall cover plate on back of the thermostat base, then connect wires to the thermostat as shown in wiring diagram (Without pushing on knob or triangular bimetal element).
4. Push lead wires into junction box, then secure wall cover plate and thermostat base to junction box with screws provided.
5. Mount thermostat cover to the thermostat base and set to desired setting.
6. Turn on electrical power.

## Wall Locations

The thermostat should be installed approximately 4 to 5 feet above the floor. Select an area with average temperature and good air circulation.



### Do not install thermostat in locations:

- Close to hot or cold air ducts
- That are in direct sunlight
- With an outside wall behind the thermostat
- In areas that do not require conditioning
- Where there are dead spots or drafts (in corners or behind doors)
- Where there might be concealed chimneys or pipes.



### Attention:

**NEMA type 1 enclosure, IP20**  
Install only in a suitable UL Listed outlet box or the equivalent.



### Warning:

Do not install this thermostat unless you are a trained and experienced service technician. Failure to follow cautions and warnings can cause injury or death.



### Electrical Hazard:

Failure to disconnect electrical power before beginning to install this product can cause electrical shock or equipment damage.



### Attention:

No not use on circuits exceeding specific voltages, or on inductive loads. This can cause damage, fire or shock.



### Caution:

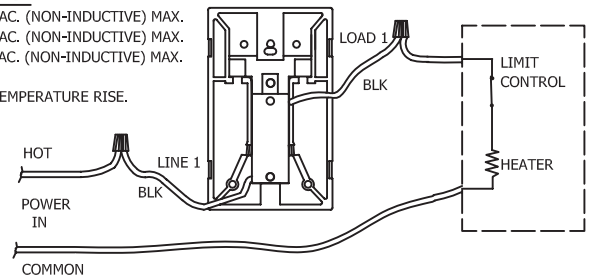
Use **ONLY** with copper conductors and approved wire connectors for 12 AWG. Wiring must conform to local and national electrical codes and ordinances.

## T501ML2

**SWITCH RATING:**

22.0A (2,500W) 120VAC. (NON-INDUCTIVE) MAX.  
22.0A (5,000W) 240VAC. (NON-INDUCTIVE) MAX.  
19.0A (5,000W) 277VAC. (NON-INDUCTIVE) MAX.

BLK-BLK OPENS ON TEMPERATURE RISE.



## T501ML4

**SWITCH RATING:**

22.0A (2,500W) 120VAC. (NON-INDUCTIVE) MAX.  
22.0A (5,000W) 240VAC. (NON-INDUCTIVE) MAX.  
19.0A (5,000W) 277VAC. (NON-INDUCTIVE) MAX.

RED-RED OPENS IN "OFF" POSITION.  
BLK-BLK OPENS ON TEMPERATURE RISE.

