

Wet and or corrosive locations

Large control and differential range



5454

Part Number 5454

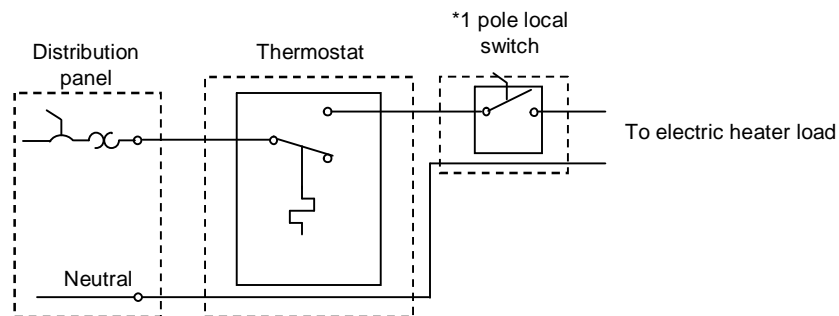
For price click www.radiantoptics.com/Controls/ThermostatWebPrice.pdf

Line Voltage, Single Stage, Heat/Cool Thermostat for industrial and heavy duty commercial applications, such as garages, agricultural building, warehouses, greenhouses, kennels, and loading docks. The large control range and large settable differential make this thermostat ideal for location where large and rapid ambient temperature swings may occur, for example areas near doors ways.

Specifications:

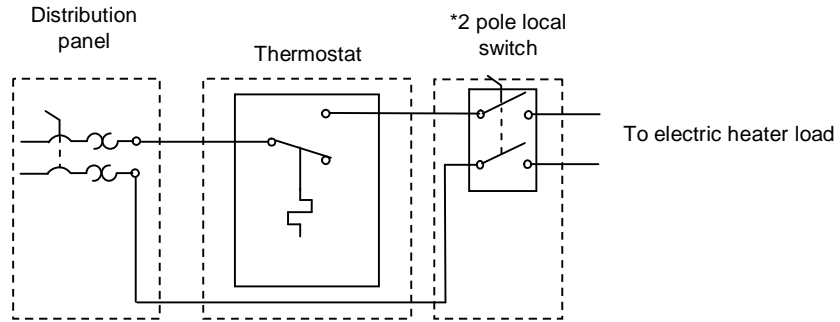
- Color/Material Gray NEMA 4X
- Output
 - Contacts SPDT, 22A resistive 240VAC
 - See wiring diagram fig. 7 for line-neutral application
 - See wiring diagram fig. 8 for line-line applications
 - See wiring diagram fig. 9 for loads that are exceed the contacts
 - See wiring diagram fig. 10 for gas heaters
- Differential Settable 3 to 12°F
- Control Range 30° to 110°F
- Dimensions H 7" W 3-1/4" D 3-1/2"
- Approvals UL listed
- Restrictions California Proposition 65 Warning: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
- Installation Wall mount in any position
- Includes: Hydraulic capillary external sensor, stainless steel hardware, and dial in Fahrenheit and Centigrade

Fig. 7
120 L-N Supply
120 VAC Heaters



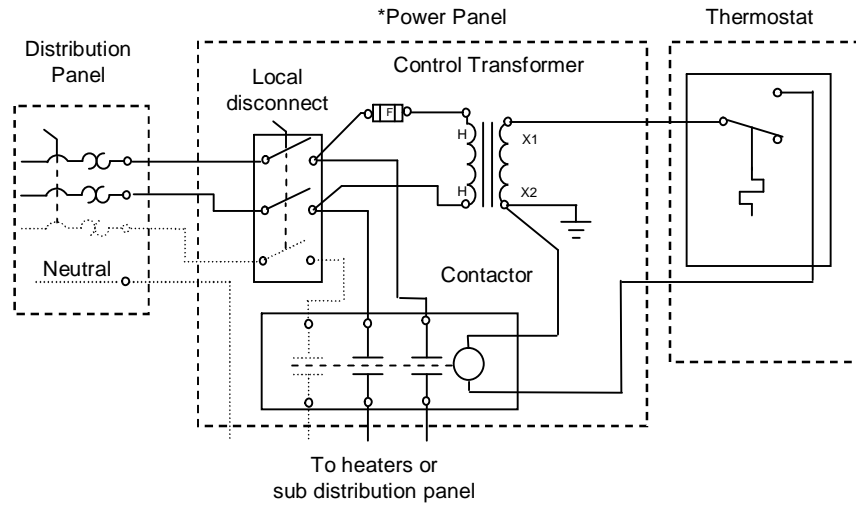
*1 pole local switch may be required, see National Electric Code 2008 Article 424.19 and Article 424.20 (B)

Fig. 8
208 or 240 L-L Supply
208 or 240 L-L Heaters



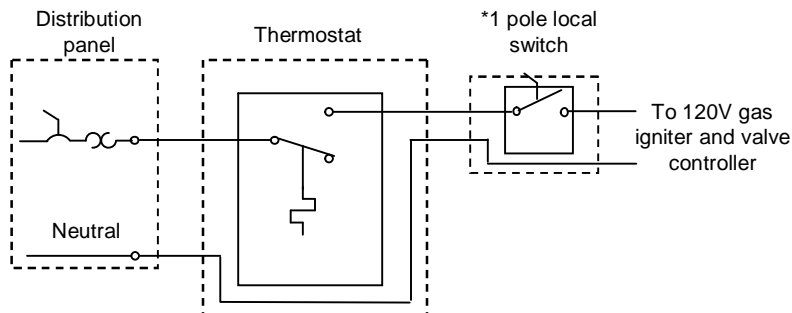
*2 pole local switch may be required, see National Electric Code 2008 Article 424.19 and Article 424.20 (B)

Fig. 9
For large loads greater than the contact ratings



*The Power Panel is not included with the thermostat. For quantities of 10 or more Radiant Optics would appreciate the opportunity to supply custom power panels. Please contact Radiant Optics Sales.

Fig. 10
120VAC Supply
for
Gas heater control



*1 pole local switch may be required, see National Electric Code 2008 Article 424.19 and Article 424.20 (B)