

T4159A

Motor-Rated Thermostat

APPLICATION

The T4159A thermostat provides line voltage control of inductive or resistive-rated space heating equipment.

- Industrial grade MICRO SWITCH™ mechanism rated 1/4 HP N inductive or 5 kW resistive
- Vertical mounting on 2" x 4" single gang outlet box
- Color-coded leadwire connections
- CSA Performance Certified: 16A resistive, 208/240 V
- Optional range stops/locking cover security kit available

SPECIFICATIONS

MODELS:

T4159A SPST [formA] heating only.

DIMENSIONS:

Height x Width x Depth x -d (projection into box)
 115mm x 74mm x 43mm x -24mm
 (4-1/2" x 2-15/16" x 1-11/16" x -15/16")

MOUNTING:

NEMA single gang box (83±1 mm screw centers).

CONTROL RANGE:

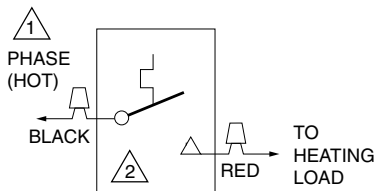
5°-27°C (40°-80°F), marked 1,2,3,4,5

ELECTRICAL RATINGS (*not combinable*):

NEMA single gang box (83±1 mm screw centers).

50/60 Hz	120 V	280 V	240 V	277 V
Full Load Amperes	5.8	3.3	2.9	2.5
Locked Rotor Amp	34.8	19.8	17.4	15.0
NEMA motor	1/4 horsepower			
Resistive	22A Non-inductive		19 A.N.I.	
Heating Only	2.5 kW	4.5 kW	5 kW	

Canadian Standards Association Certified File Number LR1322



- 1 POWER SUPPLY. PROVIDE OVERLOAD PROTECTION AND DISCONNECT MEANS.
- 2 CONTACT MAKES BLACK TO RED ON TEMPERATURE FALL.

Fig. 1 — T4159A Wiring



INSTALLATION AND CHECKOUT



CAUTION:

1. Disconnect power supply before installing to prevent electrical shock hazard.
2. Installer must be a trained, experienced service technician.
3. All wiring must comply with national and local electrical codes, ordinances, and regulations.
4. Special service CO/ALR solderless wire connectors MUST be used when connecting to aluminum conductors to prevent a fire hazard.

MOUNTING:

Position thermostat on inside wall about 1.5m (5') above the floor, mounted on 2" x 4" vertical outlet box. A 4" square junction box requires mud ring adapter (not provided). Do not mount thermostat where it can be affected by drafts, radiant heat from the sun, or other sources of heating or cooling.

Wire per Fig. 1.

Remove cover by pulling out at the bottom. Install optional range stops and cover locking kit, if required. Screw base to electrical box. Do NOT press on the bi-metal sensor or setpoint knob to seat thermostat on the box; thermostat will be damaged.

SETTING AND CHECKOUT:

Turn on the power. Raise the temperature setting to 5 to energize the heating load. The heater will turn on. Heat will turn off when air temperature rises to the setpoint.

Lower the temperature setting to 1 to de-energize the heating load. The heater will turn off.

To de-energize the heater for the summer months, *turn off power at the circuit breaker panel, or turn knob to the stop at the full counter-clockwise position.*

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>