

Detroit Switch, Inc.

222 MIL Spec Control Switches

22100 Heating and Cooling Thermostat

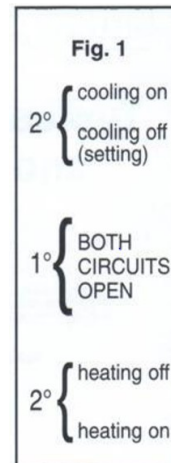
For further information: See Form 1872—Drawing TS-1617

Conforms to:

- MIL-DTL-901E for Shock Tests, High Impact, Shipboard Machinery, Equipment, and Systems Requirements
- MIL-DTL 2036E for Watertight Enclosures for Electric and Electronic Equipment, Naval Shipboard
- MIL-R-16743F for Refrigeration and Air Conditioning
- MIL-STD-167-1 for type 1 Vibration

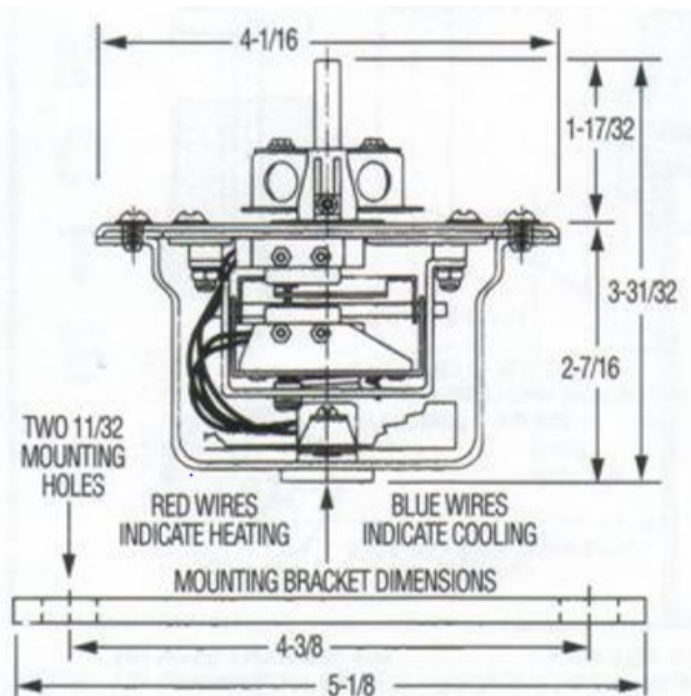
SPECIFICATIONS		
RANGE	SWITCHES	DIFFERENTIAL
40° TO 90 ° F	SPST Output (2)	2° Max.

ELECTRICAL RATING IN AMPERES		
Inductive Current		
VOLTAGE	AC	DC
115	3.8	0.2



Model 22100 has a 1° F spread in which the heating and cooling switches are both open (see Fig 1). The two switches are so interlocked that they cannot both close at the same time. The thermostat can be used as either a heating or cooling unit by wiring one switch only.

The set point shown on the dial is the temperature at which the cooling thermostat opens. The setting may be changed by loosening the lock screw, with the Allen wrench furnished, and rotating the dial and knob.



Note: All dimensions are for roughing in typical controls and are approximate