

This snap-acting, probe-type thermal switch incorporates the reliable Klixon 4286 thermostat.

Part Numbers

- 21546 3/4" - 16 thd/connector
- 21547 3/4" - 16 thd/leads
- 21550 1/2" pipe thd/connector
- 21545 1/2" pipe thd/leads

Electrical Characteristics

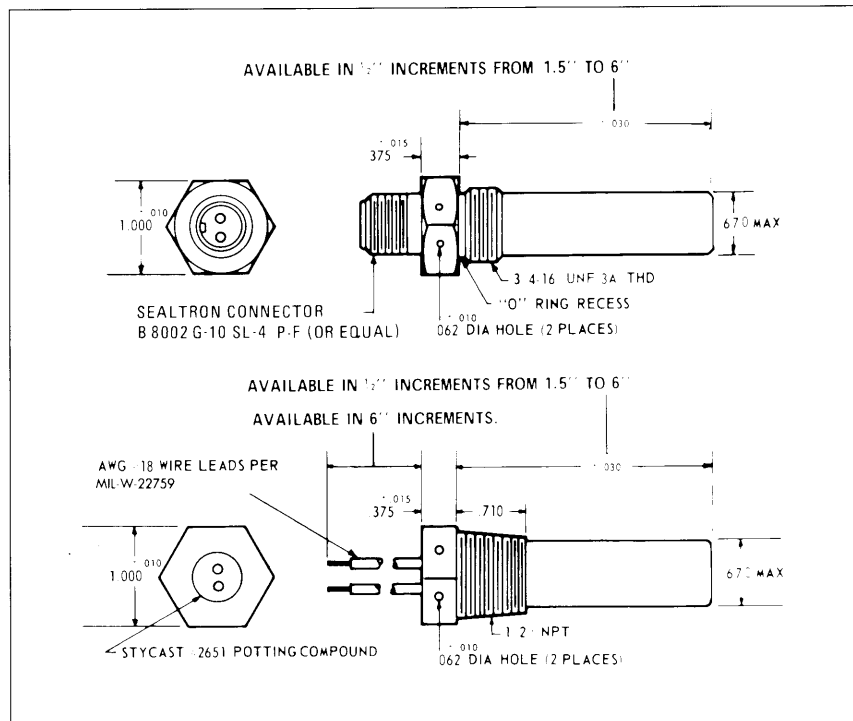
Dielectric Strength

1250 VAC, rms,
60 Cycles for 1 minute,
per MIL-STD-202, Method 301

Contact Resistance

0.100 ohms per MIL-STD-202,
Method 307

Narrow Differential Control



Temperature Settings

Operating Temperature Range	Differentials Available	Closing Temperature Tolerance*	
		Standard	Special (°F)
0° to 250°F (-17.8° to 121.1°C)	2° to 5°F (1.1° to 2.8°C)	± 5°F (± 2.8°C)	± 4°F (± 2.2°C)
251° to 275°F (121.7° to 135°C)	3° to 8°F (1.7° to 4.4°C)	± 6°F (± 3.4°C)	± 5°F (± 2.8°C)

Tolerances are based on precision factory calibration and test equipment. Customers checking tolerances should allow for differences in test equipment of ±1°F.

Temperature exposure should be limited to 100°F above operating temperature for close on rise devices or 100°F below the operating temperature for open on rise devices.

Contact Ratings (Resistive)

2 amps, 30 VDC/120 VAC,
250,000 cycles

Special Contacts

Gold plated contacts can be furnished for the electrical loads listed in the following table to assure reliable circuit switching under low wattage conditions. Gold plated contacts are not suitable for higher loads.

Gold Contact Ratings (Resistive)

30 VAC/DC	500 mA and below
115 VAC	200 mA and below
230 VAC	100 mA and below