

## 4BTD2-50

KLIXON® Tiny Stat™ 4BT Series Thermostats

### FEATURES

- Tiny Stat™ precision thermostat
- Smallest snap-acting thermal switches on the market
- Preset temperature set points
- Single pole, single throw (SPST)
- Hermetically sealed and back-filled with nitrogen
- Qualified to MIL-PRF-24236/13



### PERFORMANCE CHARACTERISTICS - 4BTD2-50

<b>Operating Temperature</b>	118,3°C (245°F)	<b>Differential</b>	17°C (30°F)
<b>Contact Operation</b>	Close on rise	<b>Tolerance</b>	+/- 4.4°C (8°F)
<b>Contact</b>	gold	<b>Weight</b>	0,2 grams
<b>Wires</b>	No		
<b>Contact Ratings</b>	<i>Cycles</i> 10000 10000	<i>Voltage</i> 30 VAC / VDC 115 VAC	<i>Amps (resistive)</i> 500 mA and below 200 mA and below
<b>Contact Resistance</b>	0.100 ohms maximum per MIL-STD-202, Method 307		
<b>Dielectric Strength</b>	500 Vac, RMS, 60 Hz for 5 seconds, across open contacts, per MIL-STD-202, Method 301		
<b>Vibration Resistance</b>	5–2000 Hz, 30 G, per MIL-STD-202, Method 204		
<b>Shock Resistance</b>	100 G, 6 milliseconds per MIL-STD-202, Method 213		
<b>Hermeticity</b>	1 x 10 <sup>-8</sup> atm cc/sec. maximum, per MIL-STD-202, Method 112, Condition C		
<b>Salt Spray Resistance</b>	Per MIL-STD-202, Method 101, Condition B, 5% solution		

### CONFIGURATION : Grounded Case Construction



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