

4BTD2-50-98

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 - 4BTD2-50-98

Operating Temperature	118,3°C (245°F)	Differential	17°C (30°F)
Contact Operation	Close on rise	Tolerance	+/- 4.4°C (8°F)
Contact	gold	Weight	0,9 grams
Wires	12" stranded 22 gauge white Teflon insulated		
Contact Ratings	<i>Cycles</i>	<i>Voltage</i>	<i>Amps (resistive)</i>
	10000	30 VAC / VDC	500 mA and below
	10000	115 VAC	200 mA and below
Contact Resistance	0.100 ohms maximum per MIL-STD-202, Method 307		
Dielectric Strength	500 Vac, RMS, 60 Hz for 5 seconds, across open contacts, per MIL-STD-202, Method 301		
Vibration Resistance	5–2000 Hz, 30 G, per MIL-STD-202, Method 204		
Shock Resistance	100 G, 6 milliseconds per MIL-STD-202, Method 213		
Hermeticity	1 x 10 ⁻⁸ atm cc/sec. maximum, per MIL-STD-202, Method 112, Condition C		
Salt Spray Resistance	Per MIL-STD-202, Method 101, Condition B, 5% solution		

CONFIGURATION : Grounded Case Construction



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