

4BTD2-31

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 - 4BTD2-31

| | | | |
|------------------------------|--|---|---|
| Operating Temperature | 65,6°C (150°F) | Differential | 17°C (30°F) |
| Contact Operation | Close on rise | Tolerance | +/- 4.4°C (8°F) |
| Contact | gold | Weight | 0,2 grams |
| Wires | No | | |
| Contact Ratings | <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 |
| Contact Resistance | 0.050 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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