



**Sensata**  
Technologies

The World Depends on Sensors and Controls

**KLIXON**

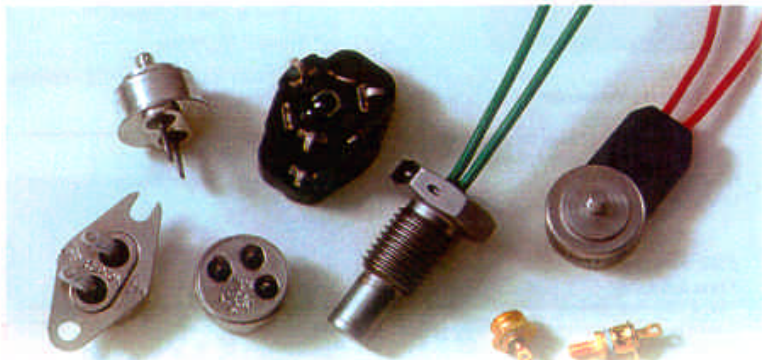
## Klixon Snap-Acting Precision Thermostats . . . Select the Best.

*Klixon Precision Thermostats have years of proven performance and engineering expertise behind them; as well as the quality and reliability you have come to expect from Texas Instruments.*

- Fast, snap-action switching
- Pre-set, non-adjustable calibration
- High reliability, long life
- Built and packaged to customer specification

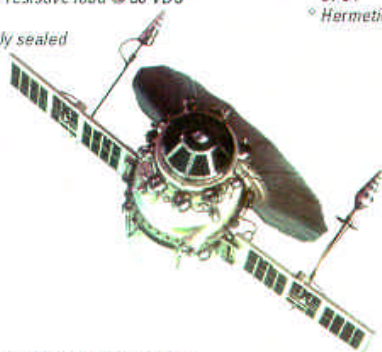
Texas Instruments' line of Klixon Precision Thermostats offers the designer a complete selection of high reliability, preset thermal switches for a wide range of temperature sensing or control applications.

The temperature sensitive element of these switches is a bimetallic, snap-acting disc. As the temperature reaches a pre-determined calibration point, the disc snaps to its reverse curvature, producing the crisp, positive switching action inherent in Klixon thermostats.



### M1 / 11041 Series

- 1/2" Military Hemetic
- Qualified to MS24236 / 1
- -65°F to +550°F operating temperature range
- 7 amp max. resistive load @ 30 VDC
- SPST
- Hermetically sealed



### M2 Series

- Narrow temperature differential
- Qualified to MS24236 / 20
- 0°F to +300°F operating temperature range
- 2 amp max. resistive load @ 30 VDC
- SPST
- Hermetically sealed



### 5BT Series

- SPDT
- Qualified to MS24236 / 24
- -65°F to +400°F operating temperature range
- 3 amp max. resistive load @ 30 VDC
- Hermetically sealed



### 3BT / 4BT Tiny Stat™ Series

- Miniature size
- Qualified to MS24236 / 13 & / 19
- 0°F to +350°F operating temperature range
- 1 amp max. resistive load @ 30 VDC
- SPST
- Hermetically sealed



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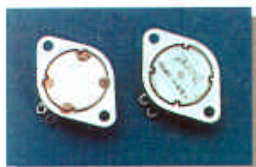


#### 4344 Series

- 1/2" Industrial Hermetic
- UL & CSA Recognized
- -65°F to +350°F operating temperature range
- 7 amp max. resistive load @ 30 VDC
- SPST
- Hermetically sealed

#### 6786 Series

- Low Silhouette
- UL & CSA Recognized
- -20°F to +350°F operating temperature range
- 7 amp max. resistive load @ 30 VDC
- SPST
- Environmentally sealed



#### 4286 Series

- Narrow Temperature Differential
- 0°F to +270°F operating temperature range
- 2 amp max. resistive load @ 30 VDC
- SPST
- Environmentally sealed

#### 4391 Series

- Manual or Automatic Reset
- -65°F to +450°F operating temperature range
- 14 amp max. resistive load @ 30 VDC
- SPST or SPDT
- Hermetically sealed



## Common Applications

- Commercial & Military Aircraft
- Hi Reliability Satellites
- Medical Equipment
- Motor Protection
- Industrial Control
- HVAC Control
- Electronics Protection
- Power Supplies
- Aircraft Bleed Air Duct Sensing

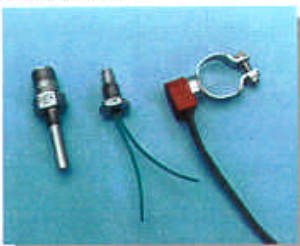


#### 7BT Series

- 1/2" Industrial Phenolic
- UL, CSA & VDE Recognized
- 30°F to +350°F operating temperature range
- 15 amp max. resistive load @ 120 VAC
- SPST
- Environmentally sealed

#### Probes & Custom Packages

- Custom Packaging
- UL & CSA Recognized or Military Qualified
- -65°F to +350°F operating temperature range
- 15 amp max. resistive load @ 30 VDC
- SPST or SPDT
- Hermetically sealed



#### Aircraft Motor Protectors

- Locked Rotor Protection
- Single or Three Phase
- Ultimate Trip Protection
- Complete Motor Analog
- Meets Thermal Protection Requirements of MIL-M-7969, Direct Acting Type, Method III



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