

### ELECTRONIC THERMOSTAT

### SPECIFICATION/APPLICATION INFORMATION

#### Alarms

<b>Low Temperature:</b>	Actual temperature less than low temperature alarm setpoint
<b>High Temperature:</b>	Actual temperature greater than high temperature alarm setpoint
<b>Current Fail:</b>	Heater current less than current fail alarm setpoint; switch shorted
<b>Ground Fault Trip:</b>	Ground fault current greater than ground fault trip alarm setpoint
<b>RTD Fail:</b>	RTD Open, RTD Short
<b>Hardware:</b>	No incoming voltage
<b>Trace Check:</b>	Switch shorted; current fail alarm
<b>Configuration:</b>	NC Contacts
<b>Alarm Output:</b>	AC Contact: 12-240 VAC @ 0.5 amp maximum
<b>Rating:</b>	DC Contact: 30 VDC/0.1 amp, 500 mW maximum LED Indicator: 6 VDC/50mA

#### Alarm Function

<b>Temperature:</b>	High Temperature Alarm Low Temperature Alarm
<b>Current:</b>	Current Fail Alarm
<b>Ground Fault:</b>	Ground Fault Trip
<b>Hardware:</b>	RTD Open, RTD Short, Switch Shorted

#### User Definable Options

<b>Heater Setpoints:</b>	< Low Temperature Alarm: 0 degrees F to 511 degrees F, 0 degrees C to 511 degrees C; 1 degree F or C steps > High Temperature Alarm: 0 degrees F to 511 degrees F, 0 degrees C to 511 degrees C; 1 degree F or C steps
<b>Temperature Units:</b>	Degrees F or C
<b>Current Fail Alarm Setpoint:</b>	0.1 to 30.0 A, 0.1 amp steps
<b>Ground Fault Trip Alarm Setpoint:</b>	0 mA to 511 mA, 1 mA steps

