

- REQ-MA-3: If the Monitor Mode is NORMAL and the Current Temperature is greater than or equal to the Lower Alarm Temperature and less than the Lower Alarm Temperature +0.5°, or the Current Temperature is greater than the Upper Alarm Temperature -0.5° and less than or equal to the Upper Alarm Temperature, the value of the Alarm Control shall not be changed.

Rationale: This provides a hysteresis that prevents transient alarms, see figure A-7.

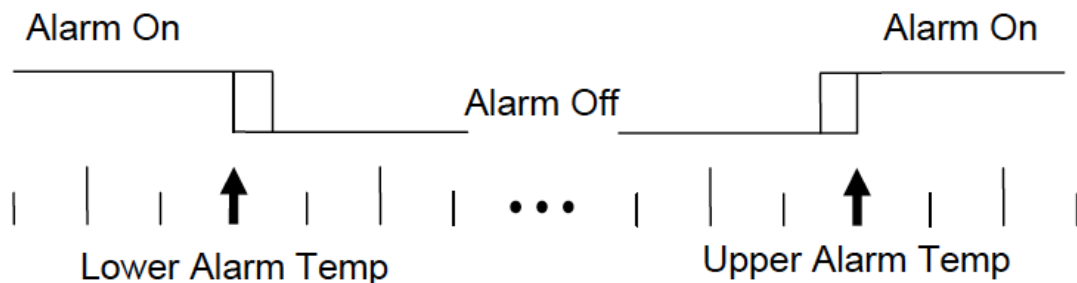


Figure A-7. Transient Alarm Hysteresis

- REQ-MA-4: If the Monitor Mode is NORMAL and the value of the Current Temperature is greater than or equal to the Lower Alarm Temperature +0.5° and less than or equal to the Upper Alarm Temperature -0.5°, the Alarm Control shall be set to Off.

Rationale: This turns the alarm off at the same moment that the Displayed Temperature shows a value greater than the Lower Alarm Temperature and less than the Upper Alarm Temperature.