



SMD NTC Thermistors

Climatic conditions

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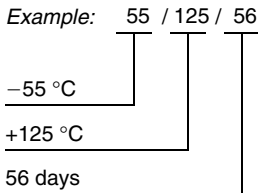
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Climatic conditions

1 Climatic category

Thermistors are assigned to climatic categories according to the climatic conditions under which they have been tested.

The IEC climatic category is specified for all NTC thermistors in the data sheets. In accordance with IEC 60068-1 (Appendix A) the climatic category is made up of three sets of digits, which are decoded as shown in the following example:



- 1st group: Lower category temperature (temperature limit) denoting the test temperature for test A (cold) in accordance with IEC 60068-2-1.
- 2nd group: Upper category temperature (temperature limit) denoting the test temperature for test B (dry heat) in accordance with IEC 60068-2-2.
- 3rd group: Number of days, the duration of test Ca (damp heat, steady state) at a relative humidity of 93% +2/-3% and an ambient temperature of 40 °C, in accordance with IEC 60068-2-78.