

Environmental Categories

This Document/database has combined and reduced the number of environmental categories to three, which are defined below.

Protected Environment

The protected environment is applicable for parts employed according to the following provisions:

- a. used in readily accessible maintenance applications
- b. used in a controlled environment
- c. with a temperature range of 0°C to 70°C
- d. not used in an application with shock, vibration, pressure or moisture
- e. not stored for later usage
- f. with an application life-span of up to 5 years

Normal Environment

The normal environment is applicable for parts employed according to the following provisions:

- a. used in inhabited applications
- b. used in applications usually accessible for maintenance or replacement
- c. used in an uncontrolled, but not extreme, temperature environment with a temperature range of -40°C to +85°C
- d. used in an application having a minimal to low-medium controlled shock, vibration, pressure or moisture environment
- e. can be stored for later usage (not to exceed 10 years)
- f. with an application life span of 5 to 10 years

Severe Environment

The severe environment is applicable for parts employed according to the following provisions:

- a. used in uninhabited environments
- b. used at varying temperatures or temperature extremes
- c. with a temperature range of -55°C to 125°C
- d. used in an application having a medium to high shock, pressure, vibration, or moisture environment
- e. can be stored for later usage (over 10 years)
- f. with an application life span of 10 to 20 years