

# RUT241 Environmetal stress

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IEC logo

IEC 60068 is an international standard for the environmental testing of electrotechnical products that is published by the International Electrotechnical Commission (IEC).



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## Description

IEC 60068 is a collection of methods[1] for environmental testing of electronic equipment and products to assess their ability to perform under environmental conditions including extreme cold and dry heat. IEC 60068 offers appropriate severities and prescribes various environmental conditions for measurements and tests.

IEC 60068 has three parts:

- IEC 60068-1: General and guidance
- IEC 60068-2: Tests
- IEC 60068-3: Supporting documentation and guidance

## Standards applied

The conformity with the essential requirements has been demonstrated against the following standards:

| Standard       | Description   |
|----------------|---|
| IEC 60068-2-64 | Environmental testing - Part 2-64:<br>Tests - Test Fc: Vibration (Random) |
| IEC 60068-2-27 | Environmental testing - Part 2-27:<br>Tests - Test Ea and guidance: Shock |
| IEC 60068-2-27 | Environmental testing - Part 2-27:<br>Tests - Test Ea: Bumps              |
| IEC 60068-2-30 | Environmental testing - Part 2-30:<br>Tests - Test Db: Damp heat, cyclic  |

## Attachments



Durability declaration of conformity page 1



Durability declaration of conformity page 2

You can find the PDF version of the Durability declaration of conformity [here](#)

### **Disclaimer:**

*Test reports that are referenced in declarations and certificates can be provided upon request. For the request to be approved, the recipient of the test reports should be a certification authority or certified test house. The recipients will be asked to sign a non-disclosure agreement (NDA).*