

TSW304 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 60068-2-6:2007	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)
IEC 60068-2-27:2008	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock
IEC 60068-2-31:2008	Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens

Attachments



Durability declaration of conformity

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).