

STN	Skúšanie vplyvu prostredia Časť 2-38: Skúšky Skúška Z/AD: Zložená cyklická skúška teplota/vlhkosť	STN EN IEC 60068-2-38 34 5791
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Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/21

Obsahuje: EN IEC 60068-2-38:2021, IEC 60068-2-38:2021

Oznámením tejto normy sa od 29.04.2024 ruší
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EUROPEAN STANDARD

EN IEC 60068-2-38

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2021

ICS 19.040

Supersedes EN 60068-2-38:2009 and all of its
amendments and corrigenda (if any)

English Version

**Environmental testing - Part 2-38: Tests - Test Z/AD: Composite
temperature/humidity cyclic test
(IEC 60068-2-38:2021)**

Essais d'environnement - Partie 2-38: Essais - Essai Z/AD:
Essai cyclique composite de température et d'humidité
(IEC 60068-2-38:2021)

Umgebungseinflüsse - Teil 2-38: Prüfverfahren - Prüfung
Z/AD: Zusammengesetzte Prüfung, Temperatur/Feuchte,
zyklisch
(IEC 60068-2-38:2021)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 60068-2-38:2021 (E)**European foreword**

The text of document 104/891/FDIS, future edition 3 of IEC 60068-2-38, prepared by IEC/TC 104 "Environmental conditions, classification and methods of test" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60068-2-38:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-01-29
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-04-29

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60068-2-30 NOTE Harmonized as EN 60068-2-30

IEC 60068-2-78 NOTE Harmonized as EN 60068-2-78

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60068-2-67	-	Environmental testing - Part 2-67: Tests - Test Cy: Damp heat, steady state, accelerated test primarily intended for components	EN 60068-2-67	-



IEC 60068-2-38

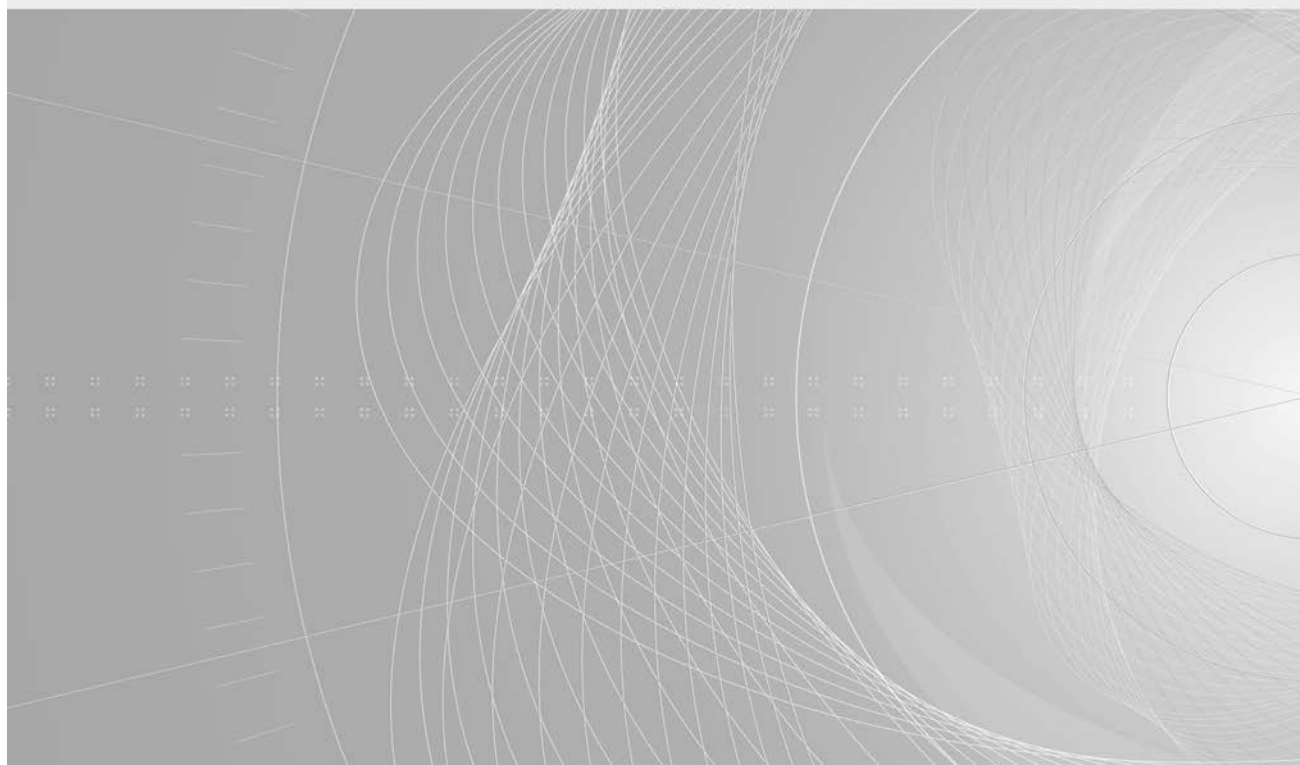
Edition 3.0 2021-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Environmental testing –
Part 2-38: Tests – Test Z/AD: Composite temperature/humidity cyclic test**

**Essais d'environnement –
Partie 2-38: Essais – Essai Z/AD: Essai cyclique composite de température
et d'humidité**



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IEC 60068-2-38

Edition 3.0 2021-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Environmental testing –
Part 2-38: Tests – Test Z/AD: Composite temperature/humidity cyclic test**

**Essais d'environnement –
Partie 2-38: Essais – Essai Z/AD: Essai cyclique composite de température
et d'humidité**

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CONTENTS

FOREWORD	4
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 General	6
4.1 Description of the test	6
4.2 Application of the test	7
5 Description of test chamber	8
5.1 General.....	8
5.2 Chamber for exposure to moisture	8
5.3 Chamber for exposure to cold	8
6 Severities	9
7 Testing procedure.....	9
7.1 Preconditioning.....	9
7.2 Initial measurements.....	10
7.3 Conditioning.....	10
7.4 Test cycle	13
7.4.1 Description of temperature/humidity subcycle	13
7.4.2 Description of cold subcycle	14
7.4.3 Description of 24 h cycles with no exposure to cold	15
7.4.4 Description of final cycle.....	15
7.4.5 Intermediate measurements.....	15
7.5 Final measurements.....	17
7.5.1 Introductory remarks.....	17
7.5.2 At high humidity.....	18
7.5.3 Immediately upon removal from the chamber	18
7.5.4 After final drying	18
8 Information to be given in the relevant specification.....	18
9 Information to be given in the test report.....	19
Annex A (informative) Supporting documentation for test sequence	20
A.1 General.....	20
A.2 Preconditioning.....	20
A.3 Exposure to humidity followed by exposure to cold	21
A.4 Exposure to humidity not followed by exposure to cold.....	22
Bibliography.....	23
Figure 1 – Preconditioning	10
Figure 2 – Exposure to humidity followed by exposure to cold.....	12
Figure 3 – Exposure to humidity not followed by exposure to cold.....	13
Figure 4 – Test times for intermediate operation of specimen – Exposure to humidity followed by exposure to cold.....	16
Figure 5 – Test times for intermediate operation of specimen – Exposure to humidity not followed by exposure to cold	17

Table A.1 – Relative humidity tolerances	20
Table A.2 – Temperature tolerances	20
Table A.3 – Tolerances of relative humidity and temperature during exposure to humidity followed by exposure to cold	21
Table A.4 – Tolerances of relative humidity and temperature during exposure to humidity not followed by exposure to cold	22

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ENVIRONMENTAL TESTING –

Part 2-38: Tests – Test Z/AD: Composite temperature/humidity cyclic test

FOREWORD

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IEC 60068-2-38 has been prepared by IEC technical committee 104: Environmental conditions, classification and methods of test. It is an International Standard.

This third edition cancels and replaces the second edition, published in 2009. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the figures have been updated;
- b) changes to the wording has been made for clarification purposes.

The text of this International Standard is based on the following documents:

Draft	Report on voting
104/891/FDIS	104/896/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts in the IEC 60068 series, published under the general title *Environmental testing*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

ENVIRONMENTAL TESTING –

Part 2-38: Tests –

Test Z/AD: Composite temperature/humidity cyclic test

1 Scope

This part of IEC 60068 specifies a composite test procedure, primarily intended for component type specimens, to determine, in an accelerated manner, the resistance of specimens to the deteriorative effects of high temperature/humidity and cold conditions.

This test standard does not apply to specimens that are energized during the complete test. Specimens can be energized during the constant phases of the tests. Measurements on energized specimens are typically carried out during constant phases of the test unless specified otherwise.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60068-1, *Environmental testing – Part 1: General and guidance*

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