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Miljöklassificering – Del 3-1: Grupper av miljöfaktorer och deras strängheter – Lagring

*Classification of environmental conditions –
Part 3: Classification of groups of environmental parameters and their severities –
Section 1: Storage*

Som svensk standard gäller europastandarden EN 60721-3-1:1997. Den svenska standarden innehåller den officiella engelska språkversionen av EN 60721-3-1:1997.

Nationellt förord

Europastandarden EN 60721-3-1:1997^{*)}

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 60721-3-1, Second edition, 1997 - Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 1: Storage**

utarbetad inom International Electrotechnical Commission, IEC.

Tidigare fastställd svensk standard SS-EN 60721, utgåva 3, 1997 och SS-EN 60721 T1, utgåva 1, 1998, gäller ej fr o m 2001-12-19.

^{*)} EN 60721-3-1:1997 ikraftsattes 2001-12-19 som SS-EN 60721-3-1 genom offentliggörande, d v s utan utgivning av något svenskt dokument.

Standarder underlättar utvecklingen och höjer elsäkerheten

Det finns många fördelar med att ha gemensamma tekniska regler för bl a säkerhet, prestanda, dokumentation, utförande och skötsel av elprodukter, elanläggningar och metoder. Genom att utforma sådana standarder blir säkerhetskraven tydliga och utvecklingskostnaderna rimliga samtidigt som marknadens acceptans för produkten eller tjänsten ökar.

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Du som vill dra nytta av dessa möjligheter är välkommen att kontakta SEKs kansli för mer information.

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English version

Classification of environmental conditions
Part 3: Classification of groups of environmental
parameters and their severities
Section 1: Storage
(IEC 60721-3-1:1997)

Classification des conditions
d'environnement
Partie 3: Classification des groupements
des agents d'environnement et de leurs
sévérités
Section 1: Stockage
(CEI 60721-3-1:1997)

Klassifizierung von Umweltbedingungen
Teil 3: Klassen von
Umwelteinflußgrößen und deren
Grenzwerte
Hauptabschnitt 1: Langzeitlagerung
(IEC 60721-3-1:1997)

This European Standard was approved by CENELEC on 1996-12-09. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 75/277/FDIS, future amendment to IEC 60721-3-1, prepared by IEC TC 75, Classification of environmental conditions, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A3 to EN 60721-3-1:1993 on 1996-12-09.

The text of this document, together with that of IEC 60721-3-1:1987 and its amendments 1:1991 and 2:1993, was published by IEC as the second edition of IEC 60721-3-1 in February 1997. According to a decision of principle taken by the Technical Board of CENELEC, the approval of EN 60721-3-1:1993/A3 has been converted into the approval of a new EN 60721-3-1.

This European Standard supersedes EN 60721-3-1:1993 and its amendment A2:1994.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1997-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1997-12-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annexes A, B and C are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60721-3-1:1997 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 721-1	1990	Classification of environmental conditions Part 1: Environmental parameters and their severities		
+ A1	1992		EN 60721-1	1995
IEC 721-2-1	1982	Part 2: Environmental conditions appearing in nature - Temperature and humidity		
+ A1	1987		HD 478.2.1 S1	1989
IEC 721-3-0	1984	Part 3: Classification of groups of environmental parameters and their severities -- Introduction		
+ A1	1987		EN 60721-3-0	1993
IEC 60721-3-2	1997	Section 2: Transportation	EN 60721-3-2	1997
IEC 721-3-3	1994	Section 3: Stationary use at weatherprotected locations	EN 60721-3-3	1995
IEC 721-3-4	1995	Section 4: Stationary use at non-weatherprotected locations	EN 60721-3-4	1995

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CLASSIFICATION OF ENVIRONMENTAL CONDITIONS –
Part 3: Classification of groups of environmental parameters
and their severities –
Section 1: Storage

1 Scope and object

This section of IEC 60721-3 classifies the groups of environmental parameters and their severities to which products, together with their packaging if any, are subjected when stored.

The environmental conditions specified in this standard are limited to those which may directly affect the products or their ultimate performance. Only environmental conditions as such are considered. No special description of the effects of these conditions on the products is given.

Transfer during storage is not included in the classification.

Environmental conditions directly related to fire or explosion and conditions related to ionizing radiation are excluded. Any other unforeseen incidents are also excluded. The possibility of their occurrence should be taken into account in special cases. Offshore locations are not included.

Conditions of stationary use, portable and non-stationary use, use in vehicles and ships, and conditions of transportation are given in other sections of IEC 60721-3.

The object of this standard is to classify environmental parameters and their severities to which a product may be exposed during storage.

A limited number of classes of environmental conditions is given, covering a broad field of application. The user of this standard should select the lowest classification necessary for covering the conditions of intended storage.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this section of IEC 60721-3. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this section of IEC 60721-3 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 721-1: 1990, *Classification of environmental conditions – Part 1: Environmental parameters and their severities*
Amendment 1 (1992)

IEC 721-2-1: 1982, *Classification of environmental conditions – Part 2: Environmental conditions appearing in nature – Temperature and humidity*
Amendment 1 (1987)

IEC 721-3-0: 1984, *Classification of environmental conditions – Part 3: Classification of groups of environmental parameters and their severities – Introduction*
Amendment 1 (1987)

IEC 60721-3-2: 1997, *Classification of environmental conditions – Part 3: Classification of environmental parameters and their severities – Section 2: Transportation*

IEC 721-3-3: 1994, *Classification of environmental conditions – Part 3: Classification of environmental parameters and their severities – Section 3: Stationary use at weatherprotected locations*

IEC 721-3-4: 1995, *Classification of environmental conditions – Part 3: Classification of environmental parameters and their severities – Section 4: Stationary use at non-weatherprotected locations*