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Miljöklassificering – Del 3-3: Grupper av miljöfaktorer och deras strängheter – Väderskyddad driftmiljö för stationär utrustning

Classification of environmental conditions –

Part 3: Classification of groups of environmental parameters and their severities –

Section 3: Stationary use at weather protected locations

Som svensk standard gäller europastandarden EN 60721-3-3:1995. Den svenska standarden innehåller den officiella engelska språkversionen av EN 60721-3-3:1995.

Nationellt förord

Europastandarden EN 60721-3-3:1995^{*)}

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 60721-3-3, Second edition, 1994 - Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 3: Stationary use at weather protected locations**

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 60721-3-3:1995 ikraftsattes 2001-12-19 som SS-EN 60721-3-3 genom offentliggörande, d v s utan 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.

Många standarder inom elområdet beskriver tekniska lösningar och metoder som åstadkommer den elsäkerhet som föreskrivs av svenska myndigheter och av EU.

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Stora delar av arbetet sker internationellt

Utformningen av standarder sker i allt väsentligt i internationellt och europeiskt samarbete. SEK är svensk nationalkommitté av International Electrotechnical Commission (IEC) och Comité Européen de Normalisation Electrotechnique (CENELEC).

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Arbetet i de tekniska kommittéerna är öppet för alla svenska organisationer, företag, institutioner, myndigheter och statliga verk. Den årliga avgiften för deltagandet och intäkter från försäljning finansierar SEKs standardiseringsverksamhet och medlemsavgift till IEC och CENELEC.

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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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Descriptors: Environmental conditions, groups of environmental parameters, stationary protected locations

English version

Classification of environmental conditions
Part 3: Classification of groups of environmental parameters
and their severities
Section 3: Stationary use at weatherprotected locations
(IEC 721-3-3:1994)

Classification des conditions
d'environnement
Partie 3: Classification des groupements
des agents d'environnement et de leurs
sévérités
Section 3: Utilisation à poste fixe,
protégé contre les intempéries
(CEI 721-3-3:1994)

Klassifizierung von Umweltbedingungen
Teil 3: Klassen von
Umwelteinflußgrößen und deren
Grenzwerte
Hauptabschnitt 3: Ortsfester Einsatz,
wettergeschützt
(IEC 721-3-3:1994)

This European Standard was approved by CENELEC on 1994-10-04. 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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 75(CO)102A, future amendment to IEC 721-3-3:1987, 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 60721-3-3:1993 on 1994-10-04.

The text of this document, together with that of IEC 721-3-3:1987 and its amendments 1:1991 and 2:1993, was published by IEC as the second edition of IEC 721-3-3 in December 1994. According to a decision of principle taken by the Technical Board of CENELEC, the approval of EN 60721-3-3:1993/A3 has been converted into the approval of a new EN 60721-3-3.

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) 1995-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1995-12-01

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, C and D are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 721-3-3:1994 was approved by CENELEC as a European Standard without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT 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.

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

IEC Publication	Date	Title	EN/HD	Date
721-1	1990	Classification of environmental conditions - Part 1: Environmental parameters and their severities	HD 478.1 S2*	1994
721-2-1 A1	1982 1987	Part 2: Environmental conditions appearing in nature Section 1: Temperature and humidity	HD 478.2.1 S1	1989
721-3-0 A1	1984 1987	Part 3: Classification of groups of environmental parameters and their severities Section 0: Introduction	EN 60721-3-0	1993

* HD 478.1 S2 includes A1:1992 to IEC 721-1

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CLASSIFICATION OF ENVIRONMENTAL CONDITIONS –

Part 3: Classification of groups of environmental parameters and their severities –

Section 3: Stationary use at weatherprotected locations

1 Scope

This section of IEC 721-3 classifies groups of environmental parameters and their severities to which products are subjected when mounted for stationary use at weatherprotected locations under use conditions, including periods of erection work, down time, maintenance and repair.

Weatherprotected locations, where products may be mounted for stationary use permanently or temporarily, include land-based and offshore enclosed and sheltered locations. Use in and on vehicles is excepted.

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

Environmental conditions directly related to fire or explosion hazards 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.

Microclimate within a product is not included.

Conditions of stationary use at non-weatherprotected locations, portable and non-stationary use, use in vehicles and ships, conditions of storage and transportation, and microclimates inside products are given in other sections of IEC 721-3.

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 the intended use.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this section of IEC 721-3. 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 721-3 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*

IEC 721-2-1: 1982, *Classification of environmental conditions – Part 2: Environmental conditions appearing in nature – Section 1: 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 – Section 0: Introduction*
Amendment 1 (1987)