

Classification of environmental conditions

**Part 3. Classification of groups of environmental
parameters and their severities**

Section 3.5 Ground vehicle installations

Classification des conditions d'environnement
Partie 3. Classification des groupements des
agents d'environnement et leurs sévérités
Section 3.5 Installations des véhicules
terrestres

Klassifizierung von Umweltbedingungen
Teil 3. Klassen von Einflußgrößen
Abschnitt 3.5 Einsatz an und in
Landfahrzeugen

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the General Electrotechnical Standards Policy Committee (GEL/-) to Technical Committee GEL/15, upon which the following bodies were represented:

Directorate of Telecommunications
EEA (the Association of Electronics, Telecommunications and Business Equipment Industries)
Electronic Components Industry Federation
Ministry of Defence
National Supervising Inspectorate
Society of Environmental Engineers
Society of Motor Manufacturers and Traders Limited

This British Standard, having been prepared under the direction of the General Electrotechnical Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 29 November 1991

© BSI 1991

The following BSI references relate to the work on this standard:
Committee reference GEL/15
Special announcement in *BSI News* July 1991

ISBN 0 580 20180 5

Amendments issued since publication

Amd. No.	Date	Text affected

Amendment No. 1
published and effective from 15 September 1993
to BS 7527 : Section 3.5 : 1991

Classification of environmental conditions
Part 3. Classification of groups of environmental parameters
and their severities
Section 3.5 Ground vehicle installations

NOTE. The European Committee for Electrotechnical Standardization (CENELEC) has accepted IEC 721-3-5 : 1985 together with Amendment 1 : 1991 as a European Standard designated as EN 60721-3-5 : 1993. This amendment implements EN 60721-3-5 : 1993 as a British Standard in the BS EN series.

Implementation of European Standard

Front cover

Delete the existing cover page and substitute the attached.

AMD 7956/September 1993

Contents

After the entry for figure 1, insert the following.

'Annex ZA (normative) Other international publications quoted in this standard with the references of the relevant European publications'

AMD 7956/September 1993

National foreword

Immediately after paragraph 1, insert the following new paragraph.

'In 1993 the European Committee for Electrotechnical Standardization (CENELEC) accepted IEC 721-3-5 : 1985 together with Amendment 1 : 1991 as European Standard EN 60721-3-5 : 1993. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN 60721-3-5 and any reference to BS 7527 : Section 3.5 should be read as a reference to BS EN 60721-3-5.'

AMD 7956/September 1993

New EN title page and foreword

Immediately after the national foreword, insert the attached new EN title page and foreword page.

AMD 7956/September 1993

New annex ZA

Immediately after appendix A, insert the new annex ZA.

AMD 7956/September 1993

Classification of environmental conditions

Part 3. Classification of groups of environmental parameters and their severities

Section 3.5 Ground vehicle installations

The European Standard EN 60721-3-5 : 1993 has the status of a
British Standard

Classification des conditions d'environnement
Partie 3. Classification des groupements des
agents d'environnement et leurs sévérités
Section 3.5 Installations des véhicules terrestres

Klassifizierung von Umweltbedingungen
Teil 3. Klassen von Einflußgrößen
Abschnitt 3.5 Einsatz an und in Landfahrzeugen

UDC 621.3 : 620.193.2

NO COPYING IN ANY FORM WITHOUT WRITTEN PERMISSION FROM BSI



Document Sharing Hub

UDC 621.3 : 620.193.2

Descriptors: Electronic components, electrical equipment, electronic equipment, electrotechnical components, climatic conditions, environment, choice, ground vehicles

English version

Classification of environmental conditions
Part 3. Classification of groups of environmental parameters and
their severities
Ground vehicle installations

(IEC 721-3-5 : 1985 + A1 : 1991)

Classification des conditions d'environnement
Troisième partie: Classification des groupements
des agents d'environnement et de leurs sévérités
Installations des véhicules terrestres
(CEI 721-3-5 : 1985 + A1 : 1991)

Klassifizierung von Umweltbedingungen
Teil 3. Klassen von Umwelteinflußgrößen und
deren Grenzwerte
Einsatz an und in Landfahrzeugen
(IEC 721-3-5 : 1985 + A1 : 1991)

This European Standard was approved by CENELEC on 1993-03-09. 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

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

Foreword

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 721-3-5 : 1985 and its amendment 1 : 1991 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60721-3-5 on 9 March 1993.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1994-03-01
- latest date of withdrawal of
conflicting national standards (dow) 1994-03-01

Annexes designated 'normative' are part of the body of the standard. In this standard, annex ZA is normative.

Annex ZA (normative)

Other international publications quoted in this standard with the references of the relevant European publications

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
721-3-0	1984	<i>Classification of environmental conditions Part 3: Classification of groups of environmental parameters and their severities – Introduction</i>	HD 478.3.0 S2*	1989
721-3-1	1987	<i>Storage</i>	EN 60721-3-1*	1993
721-3-2	1985	<i>Transportation</i>	EN 60721-3-2*	1993

* HD 478.3.0 S2 includes A1 : 1987 to IEC 721-3-0
EN 60721-3-1 includes A1 : 1991 to IEC 721-3-1
EN 60721-3-2 includes A1 : 1991 to IEC 721-3-2

Amendment No. 1
published and effective from 15 June 1995
to BS EN 60721-3-5 : 1993

Classification of environmental conditions
Part 3. Classification of groups of environmental parameters
and their severities
Ground vehicle installations

NOTE. The European Committee for Electrotechnical Standardization (CENELEC) has accepted the text of amendment 2 : 1994 to IEC 721-3-5 : 1985 as an amendment to the European Standard. This amendment implements EN 60721-3-5/A2 as an amendment to BS EN 60721-3-5 : 1993.

This amendment together with European Standard EN 60721-3-5 : 1993 + A1 : 1994 has the status of a British Standard.

Revised text

National foreword (as amended by Amendment 1)

Immediately after paragraph 2 insert the following new paragraph:

In 1994 the European Committee for Electrotechnical Standardization (CENELEC) accepted the text of Amendment 2 : 1994 to IEC 721-3-5 : 1985 as Amendment A2 : 1994 to EN 60721-3-5 : 1993.

AMD 8631/June 1995

EN amendment title page and foreword

Insert the attached EN title page and foreword after the existing EN amendment title page (Amendment 1).

AMD 8631/June 1995

Text of EN 60721-3-5

Amend the text of European Standard EN 60721-3-5 in accordance with the details given on the attached pages.

AMD 8631/June 1995

UDC 621.3:620.193.2

ICS 19.040

Descriptors: Electronic components, electrical equipment, electronic equipment, electrotechnical components, climatic conditions, environment, choice, ground vehicles

English version

Classification of environmental conditions
Part 3: Classification of groups of environmental parameters and
their severities
Ground vehicle installations

(IEC 721-3-5 : 1985/A2 : 1994)

Classification des conditions d'environnement
Partie 3: Classification des groupements des
agents d'environnement et de leurs sévérités
Installations des véhicules terrestres
(CEI 721-3-5 : 1985/A2 : 1994)

Klassifizierung von Umweltbedingungen
Teil 3: Klassen von Umwelteinflußgrößen und
deren Grenzwerte
Einsatz an und in Landfahrzeugen
(IEC 721-3-5 : 1985/A2 : 1994)

This amendment A2 modifies the European Standard EN 60721-2-5 : 1993. It 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 amendment 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 amendment 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