



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60071-2:1999

ICS 29.080.01

**INSULATION CO-ORDINATION.
PART 2: APPLICATION GUIDE (IEC
71-2:1996)**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60071-2

January 1997

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Supersedes HD 450.2 S1:1991 and partly supersedes HD 540.3 S1:1991

Descriptors: Insulation co-ordination, a.c. high-voltage network, voltage stress, insulation withstand, protective device, co-ordination between stresses and withstand

English version

Insulation co-ordination
Part 2: Application guide
(IEC 71-2:1996)

Coordination de l'isolement
Partie 2: Guide d'application
(CEI 71-2:1996)

Isolationskoordination
Teil 2: Anwendungsrichtlinie
(IEC 71-2:1996)

This European Standard was approved by CENELEC on 1996-10-01. 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 28/115/FDIS, future edition 3 of IEC 71-2, prepared by IEC TC 28, Insulation co-ordination, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60071-2 on 1996-10-01.

This European Standard supersedes HD 540.2 S1:1991 and, together with EN 60071-1:1995, supersedes HD 540.3 S1:1991.

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) 1997-09-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1997-09-01

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

Annexes designated "informative" are given for information only.

In this standard, annexes A and ZA are normative and annexes B to J are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 71-2:1996 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 56 (mod)	1987	High-voltage alternating-current circuit-breakers	HD 348 S6 ¹⁾	1995
IEC 60-1	1989	High-voltage test techniques Part 1: General definitions and test requirements	HD 588.1 S1	1991
IEC 71-1	1993	Insulation co-ordination Part 1: Definitions, principles and rules	EN 60071-1	1995
IEC 99-1	1991	Surge arresters Part 1: Non-linear resistor type gapped surge arresters for a.c. systems	EN 60099-1	1994
IEC 99-4	1991	Part 4: Metal-oxide surge arresters without gaps for a.c. systems	EN 60099-4	1993
IEC 99-5 (mod)	1996	Part 5: Selection and application recommendations	EN 60099-5	1996
IEC 505	1975	Guide for the evaluation and identification of insulation systems of electrical equipment	-	-
IEC 507	1991	Artificial pollution tests on high-voltage insulators to be used on a.c. systems	EN 60507	1993
IEC 721-2-3	1987	Classification of environmental conditions Part 2: Environmental conditions appearing in nature - Air pressure	HD 478.2.3 S1	1990
IEC 815	1986	Guide for the selection of insulators in respect of polluted conditions	-	-

1) HD 348 S6 includes A1:1992 + A2:1995 to IEC 56.

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