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National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62068-1:2003

ICS 29.080.30

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ELECTRICAL INSULATION SYSTEMS - ELECTRICAL STRESSES PRODUCED BY REPETITIVE IMPULSES

PART 1: GENERAL METHOD OF EVALUATION OF ELECTRICAL ENDURANCE

(IEC 62068-1:2003)

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EUROPEAN STANDARD **EN 62068-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM October 2003

ICS 29.080.30

English version

Electrical insulation systems – Electrical stresses produced by repetitive impulses Part 1: General method of evaluation of electrical endurance

(IEC 62068-1:2003)

Systèmes d'isolation électrique - Contraintes électriques produites par des impulsions de tension appliquées périodiquement
Partie 1: Méthode générale d'évaluation de l'endurance électrique
(CEI 62068-1:2003)

Elektrische Isoliersysteme (EIS) - Elektrische Belastungen durch sich wiederholende Impulse
Teil 1: Allgemeines Prüfverfahren zur Beurteilung der elektrischen Belastbarkeit
(IEC 62068-1:2003)

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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 98/188/FDIS, future edition 1 of IEC 62068-1, prepared by IEC TC 98, Electrical insulation systems (EIS), was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62068-1 on 2003-10-01.

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) 2004-07-01

– latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2006-10-01

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 annex A is informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62068-1:2003 was approved by CENELEC as a European Standard without any modification.

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

IEC 60270	NOTE	Harmonized as EN 60270:2001 (not modified).
IEC 60505	NOTE	Harmonized as EN 60505:2000 (not modified).

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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.

Publication	Year	Title	EN/HD	Year
IEC 60727-1	- [1)]	Evaluation of electrical endurance of electrical insulation systems Part 1: General considerations and evaluation procedures based on normal distributions	-	-
IEC 61649	- [1)]	Goodness-of-fit tests, confidence intervals and lower confidence limits for Weibull distributed data	-	-

[1)] Undated reference.

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