



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60664-4:2006

ICS 29.080.30

**INSULATION COORDINATION FOR  
EQUIPMENT WITHIN LOW-VOLTAGE  
SYSTEMS -- PART 4: CONSIDERATION OF  
HIGH-FREQUENCY VOLTAGE STRESS**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.n Sai.ie>

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EUROPEAN STANDARD

**EN 60664-4**

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2006

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ICS 29.080.30

English version

**Insulation coordination for equipment within low-voltage systems**  
**Part 4: Consideration of high-frequency voltage stress**  
(IEC 60664-4:2005)

Coordination de l'isolement des matériels  
dans les systèmes (réseaux)  
à basse tension  
Partie 4: Considérations  
sur les contraintes de tension  
à haute fréquence  
(CEI 60664-4:2005)

Isolationskoordination für elektrische  
Betriebsmittel in Niederspannungsanlagen  
Teil 4: Berücksichtigung von  
hochfrequenten  
Spannungsbeanspruchungen  
(IEC 60664-4:2005)

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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.

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**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**

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## Foreword

The text of document 109/51/FDIS, future edition 2 of IEC 60664-4, prepared by IEC TC 109, Insulation co-ordination for low-voltage equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60664-4 on 2005-10-01.

This European Standard is to be used in conjunction with EN 60664-1 or EN 60664-5.

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) 2006-08-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2008-10-01

This European Standard makes reference to International Standards. Where the International Standard referred to has been endorsed as a European Standard or a home-grown European Standard exists, this European Standard shall be applied instead. Pertinent information can be found on the CENELEC web site.

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## Endorsement notice

The text of the International Standard IEC 60664-4:2005 was approved by CENELEC as a European Standard without any modification.

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**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**60664-4**

Deuxième édition  
Second edition  
2005-09

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**PUBLICATION FONDAMENTALE DE SÉCURITÉ  
BASIC SAFETY PUBLICATION**

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**Coordination de l'isolement des matériels  
dans les systèmes (réseaux) à basse tension –**

**Partie 4:  
Considérations sur les contraintes  
de tension à haute fréquence**

**Insulation coordination for equipment  
within low-voltage systems –**

**Part 4:  
Consideration of high-frequency voltage stress**



Numéro de référence  
Reference number  
CEI/IEC 60664-4:2005

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Depuis le 1er janvier 1997, les publications de la CEI sont numérotées à partir de 60000. Ainsi, la CEI 34-1 devient la CEI 60034-1.

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