



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61211:2005

ICS 29.080.10

**INSULATORS OF CERAMIC MATERIAL OR
GLASS FOR OVERHEAD LINES WITH A
NOMINAL VOLTAGE GREATER THAN 1000 V-
IMPULSE PUNCTURE TESTING IN AIR (IEC
61211:2004)**

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EUROPEAN STANDARD

EN 61211

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2005

ICS 29.080.10

English version

**Insulators of ceramic material or glass for overhead lines
with a nominal voltage greater than 1 000 V –
Impulse puncture testing in air
(IEC 61211:2004)**

Isolateurs en matière céramique
ou en verre destinés aux lignes aériennes
de tension nominale supérieure à 1 000 V –
Essais de perforation par chocs dans l'air
(CEI 61211:2004)

Isolatoren aus keramischem Werkstoff
oder Glas für Freileitungen mit einer
Nennspannung über 1 kV –
Stoßspannungs-Durchschlagsprüfungen
unter Luftatmosphäre
(IEC 61211:2004)

This European Standard was approved by CENELEC on 2005-03-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 36B/239/FDIS, future edition 2 of IEC 61211, prepared by SC 36B, Insulators for overhead lines, of IEC TC 36, Insulators, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61211 on 2005-03-01.

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) 2005-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-03-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61211:2004 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where 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 60050-471	- ¹⁾	International Electrotechnical Vocabulary (IEV) Chapter 471: Insulators	-	-
IEC 60060-1	- ¹⁾	High-voltage test techniques Part 1: General definitions and test requirements	HD 588.1 S1	1991 ²⁾
IEC 60060-2	- ¹⁾	Part 2: Measuring systems	EN 60060-2 + A11	1994 ²⁾ 1998
IEC 60305	- ¹⁾	Insulators for overhead lines with a nominal voltage above 1 kV - Ceramic or glass insulator units for a.c. systems - Characteristics of insulator units of the cap and pin type	EN 60305	1996 ²⁾
IEC 60383-1	- ¹⁾	Insulators for overhead lines with a nominal voltage above 1 kV Part 1: Ceramic or glass insulator units for a.c. systems - Definitions, test methods and acceptance criteria	EN 60383-1	1996 ²⁾
IEC 61083-1	- ¹⁾	Instruments and software used for measurement in high-voltage impulse tests Part 1: Requirements for instruments	EN 61083-1	2001 ²⁾

1) Undated reference.

2) Valid edition at date of issue.

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