



Irish Standard  
I.S. EN 61952:2008

"Insulators for overhead lines -  
Composite line post insulators for A.C.  
systems with a nominal voltage greater  
than 1 000 V - Definitions, test methods  
and acceptance criteria" (IEC  
61952:2008 (EQV))

## I.S. EN 61952:2008

*Incorporating amendments/corrigenda issued since publication:*

<i>This document replaces:</i> I.S. EN 61952:2003	<i>This document is based on:</i> EN 61952:2008 EN 61952:2003	<i>Published:</i> 15 October, 2008 28 February, 2003
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**I.S. EN 61952:2008**

**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 61952**

October 2008

ICS 29.080.10; 29.240.20

Supersedes EN 61952:2003

English version

**Insulators for overhead lines -  
Composite line post insulators for A.C. systems  
with a nominal voltage greater than 1 000 V -  
Definitions, test methods and acceptance criteria  
(IEC 61952:2008)**

Isolateurs pour lignes aériennes -  
Isolateurs composites rigides à socle  
pour systèmes à courant alternatif de  
tension nominale supérieure à 1 000 V -  
Définitions, méthodes d'essai  
et critères d'acceptation  
(CEI 61952:2008)

Isolatoren für Freileitungen -  
Verbund-Freileitungsstützer  
für Wechselstromsysteme  
mit einer Nennspannung über 1 000 V -  
Begriffe, Prüfverfahren  
und Annahmekriterien  
(IEC 61952:2008)

This European Standard was approved by CENELEC on 2008-09-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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**

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### Foreword

The text of document 36B/273/FDIS, future edition 2 of IEC 61952, 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 61952 on 2008-09-01.

This standard supersedes EN 61952:2003.

EN 61952:2008 includes the following significant technical changes with respect to EN 61952:2003:

- removal of tests procedures now given in EN 62217,
- inclusion of clauses on tolerances, environmental conditions, transport, storage and installation,
- changes in the parameters determining the need to repeat design and type tests,
- clarification of the mounting arrangements for electrical type tests,
- modification of the specification of load application in bending tests to simplify testing,
- additional requirements for the visual examination,
- removal of the annex explaining the concept of classes for design tests.

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) 2009-06-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2011-09-01

Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 61952:2008 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 60507	NOTE Harmonized as EN 60507:1993 (not modified).
IEC 61462	NOTE Harmonized as EN 61462:2007 (not modified).

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## 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 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 60383-1	- <sup>1)</sup>	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 + A11	1996 <sup>2)</sup> 1999
IEC 60383-2	- <sup>1)</sup>	Insulators for overhead lines with a nominal voltage above 1 kV - Part 2: Insulator strings and insulator sets for a.c. systems - Definitions, test methods and acceptance criteria	EN 60383-2	1995 <sup>2)</sup>
IEC 62217	- <sup>1)</sup>	Polymeric insulators for indoor and outdoor use with a nominal voltage > 1 000 V - General definitions, test methods and acceptance criteria	EN 62217 + corr. December	2006 <sup>2)</sup> 2006
ISO 3452	- <sup>1)</sup>	Non-destructive testing - Penetrant inspection - General principles	-	-

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.



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