



NSAI
Standards

Irish Standard
I.S. EN 62223:2009

Insulators - Glossary of terms and definitions (IEC 62223:2009 (EQV))

I.S. EN 62223:2009

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i>	<i>This document is based on:</i> EN 62223:2009	<i>Published:</i> 27 November, 2009
This document was published under the authority of the NSAI and comes into effect on: 2 February, 2010		ICS number: 29.080.10
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Údarás um Chaighdeáin Náisiúnta na hÉireann		

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62223

November 2009

ICS 29.080.10

English version

Insulators -
Glossary of terms and definitions
(IEC 62223:2009)

Isolateurs -
Lexique de termes et définitions
(CEI 62223:2009)

Isolatoren – Glossar
(IEC 62223:2009)

This European Standard was approved by CENELEC on 2009-09-01. 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.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

I.S. EN 62223:2009

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Foreword

The text of document 36/287/FDIS, future edition 1 of IEC 62223, prepared by IEC TC 36, Insulators, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62223 on 2009-09-01.

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) 2010-06-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2012-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62223:2009 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60507

NOTE Harmonized as EN 60507:1993 (not modified).

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 60050-471	- ¹⁾	International Electrotechnical Vocabulary - Part 471: Insulators	-	-

¹⁾ Undated reference.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INSULATORS –
GLOSSARY OF TERMS AND DEFINITIONS**

FOREWORD

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International Standard IEC 62223 has been prepared by subcommittee 36: Insulators.

The text of this standard is based on the following documents:

FDIS	Report on voting
36/287/FDIS	36/289/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INSULATORS – GLOSSARY OF TERMS AND DEFINITIONS

1 Scope

This International Standard specifies terms defined in standards that fall under the scope of technical committee TC 36: Insulators. It covers terms that can be found in IEC 60050-471 as well as terms not appropriate for inclusion in IEC 60050-471 but used widely in the standards of IEC TC 36.

IEC 60050-471 is not intended to cover all the terms used in the various IEC standards but provides rather a general purpose vocabulary giving the basic terms and reference terms to be used by all technical committees. This glossary is intended to harmonize terms not listed in IEC 60050-471 but used in the publications of committee TC 36.

2 Normative references

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.

IEC 60050-471, *International Electrotechnical Vocabulary – Part 471: Insulators*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

angular deviation of fixing holes

rotational displacement, expressed as an angle, between corresponding fixing holes in the end fittings at the top and bottom of a hollow insulator or a post insulator

3.2

annealed glass

glass which has been treated to eliminate internal stresses

[IEV 471-01-25]

3.3

antipollution-type insulator

insulator which has the external profile designed for use in polluted areas

[IEV 471-01-23]

3.4

arcing distance

shortest distance in air external to the insulator between the metallic parts which normally have the operating voltage between them

[IEV 471-01-01]

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