

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Insulators – Glossary of terms and definitions**

**Isolateurs – Lexique de termes et définitions**



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IEC 62223

Edition 1.0 2009-06

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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

PRICE CODE  
CODE PRIX

ICS 29.080.10

ISBN 2-8318-1045-5

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**INSULATORS –  
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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.

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## 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]