



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60433:1998

ICS 29.080.10
29.240.20

**INSULATORS FOR OVERHEAD LINES WITH A
NOMINAL VOLTAGE ABOVE 1 KV CERAMIC
INSULATORS FOR A.C. SYSTEMS
CHARACTERISTICS OF INSULATOR UNITS OF
THE LONG ROD TYPE (IEC 60433:1998)**

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EUROPEAN STANDARD

EN 60433

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 1998

ICS 29.080.10

English version

**Insulators for overhead lines with a nominal voltage above 1 kV
Ceramic insulators for a.c. systems
Characteristics of insulator units of the long rod type
(IEC 60433:1998)**

Isolateurs pour lignes aériennes de tension nominale supérieure à 1 kV
Isolateurs céramiques pour systèmes à courant alternatif - Caractéristiques des éléments de chaînes d'isolateurs à fût long
(CEI 60433:1998)

Isolatoren für Freileitungen mit einer Nennspannung über 1 kV
Keramik-Isolatoren für Wechselspannungssysteme
Kenngrößen von Kettenisolatoren in Langstabausführung
(IEC 60433:1998)

This European Standard was approved by CENELEC on 1998-10-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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/180/FDIS, future edition 3 of IEC 60433, 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 60433 on 1998-10-01.

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) 1999-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-07-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60433:1998 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60071-1	1993	Insulation co-ordination Part 1: Definitions, principles and rules	EN 60071-1	1995
IEC 60120	1984	Dimensions of ball and socket couplings of string insulator units	HD 474 S1	1986
IEC 60383-1	1993	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
IEC 60471	1977	Dimensions of clevis and tongue couplings of string insulator units	-	-
IEC 60672-1	1995	Ceramic and glass insulating materials Part 1: Definitions and classification	EN 60672-1	1995
IEC 60672-3	1997	Part 3: Specification for individual materials	EN 60672-3	1997
IEC 60815	1986	Guide for the selection of insulators in respect of polluted conditions	-	-

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