

**Insulators for overhead lines with a nominal voltage above 1000 V - Part 2: Insulator strings and insulator sets for a.c. systems - Definitions, test methods and acceptance criteria**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 60383-2:2005 sisaldab Euroopa standardi EN 60383-2:1995 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 27.04.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 60383-2:2005 consists of the English text of the European standard EN 60383-2:1995.</p> <p>This document is endorsed on 27.04.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>Applies to insulator strings and insulator sets comprising string insulator units of ceramic material or glass for use on a.c. overhead power lines with a nominal voltage greater than 1 000 V and a frequency not greater than 100 Hz. This part of IEC 60383 also applies to insulator strings and insulator sets for use on d.c. overhead electric traction lines. This part of IEC 60383 also applies to insulator strings and insulator sets of similar design when used in substations.</p>	<p><b>Scope:</b></p> <p>Applies to insulator strings and insulator sets comprising string insulator units of ceramic material or glass for use on a.c. overhead power lines with a nominal voltage greater than 1 000 V and a frequency not greater than 100 Hz. This part of IEC 60383 also applies to insulator strings and insulator sets for use on d.c. overhead electric traction lines. This part of IEC 60383 also applies to insulator strings and insulator sets of similar design when used in substations.</p>
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ICS 29.080.10, 29.240.20

Võtmesõnad:

English version

**Insulators for overhead lines with a nominal voltage above 1 000 V**  
**Part 2: Insulator strings and insulator sets for a.c. systems**  
**Definitions, test methods and acceptance criteria**  
**(IEC 383-2:1993)**

Isolateurs pour lignes aériennes de  
tension nominale supérieure à 1 000 V  
Partie 2: Chaînes d'isolateurs et chaînes  
d'isolateurs équipées pour systèmes à  
courant alternatif  
Définitions, méthodes d'essai et critères  
d'acceptation  
(CEI 383-2:1993)

Isolatoren für Freileitungen mit einer  
Nennspannung über 1 000 V  
Teil 2: Isolatorstränge und Isolatorketten  
für Wechselstromsysteme  
Begriffe, Prüfverfahren und  
Annahmekriterien  
(IEC 383-2:1993)

This European Standard was approved by CENELEC on 1994-12-06. 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, 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 the International Standard IEC 383-2:1993, prepared by SC 36B, Insulators for overhead lines, of IEC TC 36, Insulators, was submitted to the formal vote and was approved by CENELEC as EN 60383-2 on 1994-12-06 without any modification.

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) 1995-12-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1995-12-01

For products which have complied with the relevant national standard before 1995-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-12-01.

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### Endorsement notice

The text of the International Standard IEC 383-2:1993 was approved by CENELEC as a European Standard without any modification.

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# ANNEX ZA (normative)

## OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD WITH THE REFERENCES OF THE RELEVANT 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.

NOTE : When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC Publication	Date	Title	EN/HD	Date
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50(471)	1984	International Electrotechnical Vocabulary (IEV) Chapter 471: Insulators	-	-
60-1	1989	High-voltage test techniques Part 1: General definitions and test requirements (corrigendum March 1990)	HD 588.1 S1	1991
71-1	1976	Insulation co-ordination Part 1: Terms, definitions, principles and rules	-	-
71-2	1976	Part 2: Application guide	HD 540.2 S1	1991
71-3	1982	Part 3: Phase-to-phase insulation co-ordination - Principles, rules and application guide	HD 540.3 S1	1991

# INTERNATIONAL STANDARD

IEC  
60383-2

First edition  
1993-04

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**Insulators for overhead lines  
with a nominal voltage above 1 000 V –**

**Part 2:  
Insulator strings and insulator sets  
for a.c. systems – Definitions, test methods  
and acceptance criteria**

*This **English-language** version is derived from the original **bilingual** publication by leaving out all French-language pages. Missing page numbers correspond to the French-language pages.*



Reference number  
IEC 60383-2:1993(E)

## Publication numbering

As from 1 January 1997 all IEC publications are issued with a designation in the 60000 series. For example, IEC 34-1 is now referred to as IEC 60034-1.

## Consolidated editions

The IEC is now publishing consolidated versions of its publications. For example, edition numbers 1.0, 1.1 and 1.2 refer, respectively, to the base publication, the base publication incorporating amendment 1 and the base publication incorporating amendments 1 and 2.

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International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## CONTENTS

	Page
FOREWORD .....	5
Clause	
SECTION 1: GENERAL	
1 Scope .....	7
2 Normative references .....	9
3 Definitions .....	9
3.1 Insulator string .....	9
3.2 Insulator set .....	9
3.3 Flash-over .....	11
3.4 Dry lightning impulse withstand voltage .....	11
3.5 50 % dry lightning impulse flash-over voltage .....	11
3.6 Wet power-frequency withstand voltage .....	11
3.7 Wet power-frequency flash-over voltage .....	11
3.8 Wet switching impulse withstand voltage .....	11
3.9 50 % wet switching impulse flash-over voltage .....	11
4 Electrical values which characterize an insulator string or an insulator set .....	11
SECTION 2: TEST PROCEDURES FOR ELECTRICAL TESTS	
5 General requirements for high voltage tests .....	13
6 Standard atmospheric conditions and correction factors for electrical tests .....	15
6.1 Standard reference atmosphere .....	15
6.2 Correction factors for atmospheric conditions .....	15
7 Artificial rain parameters for wet tests .....	15
8 Mounting arrangements for electrical tests .....	15
9 Lightning impulse voltage tests .....	15
10 Wet power-frequency voltage tests .....	17
11 Wet switching impulse voltage tests .....	17
12 Methods of mounting .....	19
12.1 Standard mounting arrangement of an insulator string or insulator set when switching impulse tests are not required .....	19
12.2 Standard mounting arrangement of an insulator string or insulator set when switching impulse tests are required .....	21
12.3 Mounting arrangement reproducing service conditions .....	21
Annex A .....	23