
**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 (IEC 383- 2:1993)**

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

Isolatoren für Freileitungen mit einer Nennspannung über 1 kV -- Teil 2: Isolatorstränge und Isolatorketten für Wechselstromsysteme - Begriffe, Prüfverfahren und Annahmekriterien

[SIST EN 60383-2:1997](https://standards.iteh.ai/catalog/standards/sist/65e70768-5abf-44e8-8730-)

<https://standards.iteh.ai/catalog/standards/sist/65e70768-5abf-44e8-8730->

Isolateurs pour lignes aériennes de tension nominale supérieure à 1 kV -- Partie 2: Chaînes d'isolateurs et chaînes d'isolateurs équipées pour systèmes à courant alternatif - Définitions, méthodes d'essai et critères d'acceptation

Ta slovenski standard je istoveten z: EN 60383-2:1995

ICS:

01.040.29	Elektrotehnika (Slovarji)	Electrical engineering (Vocabularies)
29.080.10	Izolatorji	Insulators
29.240.20	Daljnovodi	Power transmission and distribution lines

SIST EN 60383-2:1997**en**

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EUROPEAN STANDARD

EN 60383-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 1995

ICS 29.080.10

Descriptors: Overhead lines, insulators, insulator strings

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
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(IEC 383-2:1993)

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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.

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
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

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INTERNATIONAL STANDARD

IEC 60383-2

First edition
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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

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Commission Electrotechnique Internationale
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

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**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**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

International Standard IEC 383-2 has been prepared by sub-committee 36B: Insulators for overhead lines, of IEC technical committee 36: Insulators.

Part 2, together with Part 1, replaces the third edition of IEC 383 (1983) and constitutes a technical revision.

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

DIS	Report on Voting
36B(CO)88	36B(CO)92

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

IEC 383 consists of the following parts, under the general title: Insulators for overhead lines with a nominal voltage above 1000 V.

- Part 1: Ceramic or glass insulator units for a.c. systems – Definitions, test methods and acceptance criteria.
- Part 2: Insulator strings and insulator sets for a.c. systems – Definitions, test methods and acceptance criteria.

Annex A is for information only.