

SLOVENSKI STANDARD

SIST EN 60243-3:1998

01-junij-1998

Methods of test for electric strength of solid insulating materials - Part 3: Additional requirements for impulse tests (IEC 60243-3:1993)

Methods of test for electric strength of solid insulating materials -- Part 3: Additional requirements for impulse tests

Prüfverfahren zur Bestimmung der elektrischen Durchschlagfestigkeit von festen, isolierenden Werkstoffen -- Teil 3 Zusätzliche Festlegungen für Stoßspannungsprüfungen

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Méthodes d'essai pour la détermination de la rigidité diélectrique des matériaux isolants solides -- Partie 3: Prescriptions complémentaires pour les essais de choc

<https://standards.iteh.ai/catalog/standards/sist/6227e411-57af-469a-8612-667ed36674c5/sist-en-60243-3-1998>

Ta slovenski standard je istoveten z: EN 60243-3:1994

ICS:

29.035.01	Izolacijski materiali na splošno	Insulating materials in general
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SIST EN 60243-3:1998

en

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EUROPEAN STANDARD

EN 60243-3

NORME EUROPEENNE

EUROPÄISCHE NORM

January 1993

UDC 621.315.61:620.1:621.317.333.8

Descriptors: Solid electrical insulating materials, tests, determination, electric strength, impulse voltage strength

ENGLISH VERSION

Methods of test for electric strength of solid insulating materials
Part 3: Additional requirements for impulse tests
(IEC 243-3:1993)

Méthodes d'essai pour la détermination de la rigidité diélectrique des matériaux isolants solides
Partie 3: Prescriptions complémentaires pour les essais de choc
(CEI 243-3:1993)

Prüfverfahren zur Bestimmung der elektrischen Durchschlagfestigkeit von festen, isolierenden Werkstoffen
Teil 3: Zusätzliche Festlegungen für Stoßspannungsprüfungen
(IEC 243-3:1993)

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This European Standard was approved by CENELEC on 1993-12-08. 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 document 15A(CO)65, as prepared by Sub-Committee 15A: Short-time tests, of IEC Technical Committee 15: Insulating materials, was submitted to the IEC-CENELEC parallel vote in March 1993.

The reference document was approved by CENELEC as EN 60243-3 on 8 December 1993.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1994-12-01
- latest date of withdrawal of
conflicting national standards (dow) 1994-12-01

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative.

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ENDORSEMENT NOTICE

The text of the International Standard IEC 243-3:1993 was approved by CENELEC as a European Standard without any modification.

<https://standards.iteh.ai/catalog/standards/sist/8227e4f1-54af-489a-8612-667ed36674c5/sist-en-60243-3-1998>



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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243-1, mod	1988	Methods of test for electric strength of solid insulating materials Part 1: Tests at power frequencies	HD 559.1 S1	1991

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC
243-3**

Première édition
First edition
1993-09

**Méthodes d'essai pour la détermination
de la rigidité diélectrique des matériaux
isolante solides**

Partie 3:

**Prescriptions complémentaires pour les
essais de choc**
(standards.iteh.ai)

<https://standards.iteh.ai/en/standards/IEC/60243-3/1998>
SIST EN 60243-3:1998
**Methods of test for electric strength of solid
insulating materials**

Part 3:

Additional requirements for impulse tests

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

METHODS OF TEST FOR ELECTRIC STRENGTH OF
SOLID INSULATING MATERIALS

Part 3: Additional requirements for impulse tests

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 243-3 has been prepared by sub-committee 15A: Short-time tests, of IEC technical committee 15: Insulating materials.

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

DIS	Report on Voting
15A(CO)65	15A(CO)68

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