

SLOVENSKI STANDARD

SIST EN IEC 62631-3-12:2024

01-oktober-2024

Dielektrične in uporovne lastnosti trdnih izolacijskih materialov - 3-12. del: Ugotavljanje uporovnih lastnosti (metode z enosmernim tokom) - Prehodna upornost in specifična prehodna upornost, metoda za ulivanje smol (IEC 62631-3-12:2024)

Dielectric and resistive properties of solid insulating materials - Part 3-12: Determination of resistive properties (DC Methods) - Volume resistance and volume resistivity, method for casting resins (IEC 62631-3-12:2024)

Dielektrische und resistive Eigenschaften fester Elektroisolerstoffe - Teil 3-12: Bestimmung der resistiven Eigenschaften (Gleichstromverfahren) - Volumenwiderstand und Durchgangswiderstand, Verfahren für Gießharze (IEC 62631-3-12:2024)

Propriétés diélectriques et résistives des matériaux isolant solides - Partie 3-12: Détermination des propriétés résistives (méthodes en courant continu) - Résistance volumique et résistivité volumique, méthode pour résines de coulée (IEC 62631-3-12:2024)

Ta slovenski standard je istoveten z: EN IEC 62631-3-12:2024

ICS:

| | | |
|-----------|--|--|
| 17.220.99 | Drugi standardi v zvezi z elektriko in magnetizmom | Other standards related to electricity and magnetism |
| 29.035.01 | Izolacijski materiali na splošno | Insulating materials in general |

SIST EN IEC 62631-3-12:2024

en

EUROPEAN STANDARD

EN IEC 62631-3-12

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2024

ICS 17.220.99; 29.035.01

English Version

Dielectric and resistive properties of solid insulating materials -
Part 3-12: Determination of resistive properties (DC methods) -
Volume resistance and volume resistivity - Method for casting
resins
(IEC 62631-3-12:2024)

Propriétés diélectriques et résistives des matériaux isolant
solides - Partie 3-12: Détermination des propriétés
résistives (méthodes en courant continu) - Résistance
volumique et résistivité volumique - Méthode pour résines
de coulée
(IEC 62631-3-12:2024)

Dielektrische und resistive Eigenschaften fester
Elektroisolierstoffe - Teil 3-12: Bestimmung der resistiven
Eigenschaften (Gleichstromverfahren) - Volumenwiderstand
und Durchgangswiderstand, Verfahren für Gießharze
(IEC 62631-3-12:2024)

This European Standard was approved by CENELEC on 2024-08-09. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62631-3-12:2024 (E)

European foreword

The text of document 112/645/FDIS, future edition 1 of IEC 62631-3-12, prepared by IEC/TC 112 "Evaluation and qualification of electrical insulating materials and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62631-3-12:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2025-05-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-08-09

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 62631-3-12:2024 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60455-3-1 NOTE Approved as EN 60455-3-1

IEC 60455-3-2 NOTE Approved as EN 60455-3-2

IEC 60455-3-3 NOTE Approved as EN 60455-3-3

IEC 60455-3-4 NOTE Approved as EN 60455-3-4

IEC 60455-3-8 NOTE Approved as EN IEC 60455-3-8

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|--|------------------|-------------|
| IEC 62631-3-1 | - | Dielectric and resistive properties of solid insulating materials - Part 3-1: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - General method | EN IEC 62631-3-1 | - |
| ISO 2808 | - | Paints and varnishes - Determination of film thickness | EN ISO 2808 | - |

International Standards
 (http://standards.iteh.ai)
 Document Preview

[SIST EN IEC 62631-3-12:2024](https://standards.iteh.ai/catalog/standards/sist/5ddf48d3-9976-454d-a6ba-11a62196c29b/sist-en-iec-62631-3-12-2024)

<https://standards.iteh.ai/catalog/standards/sist/5ddf48d3-9976-454d-a6ba-11a62196c29b/sist-en-iec-62631-3-12-2024>

