



BSI Standards Publication

Dielectric and resistive properties of solid insulating materials

Part 3-11: Determination of resistive properties (DC methods) - Volume
resistance and volume resistivity - Method for impregnation and coating materials

National foreword

This British Standard is the UK implementation of EN IEC 62631-3-11:2018. It is identical to IEC 62631-3-11:2018.

The UK participation in its preparation was entrusted to Technical Committee GEL/112, Evaluation and qualification of electrical insulating materials and systems.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Dielectric and resistive properties of solid insulating materials -
Part 3-11: Determination of resistive properties (DC methods) -
Volume resistance and volume resistivity - Method for
impregnation and coating materials
(IEC 62631-3-11:2018)

Propriétés diélectriques et résistives des matériaux isolants
solides - Partie 3-11: Détermination des propriétés
résistives (méthodes en courant continu) - Résistance
volumique et résistivité volumique - Méthode pour
matériaux d'impregnation et de revêtement
(IEC 62631-3-11:2018)

Dielektrische und resistive Eigenschaften fester Isolierstoffe
- Teil 3-11: Bestimmung resistiver Eigenschaften
(Gleichspannungsverfahren) - Durchgangswiderstand und
spezifischer Durchgangswiderstand - Verfahren für Tränk-
und Beschichtungsstoffe
(IEC 62631-3-11:2018)

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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

European foreword

The text of document 112/409/FDIS, future edition 1 of IEC 62631-3-11, 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 62631-3-11:2018.

The following dates are fixed:

- latest date by which the document has to be (dop) 2018-11-14
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2021-02-14
standards conflicting with the
document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 62631-3-11:2018 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 standards indicated:

IEC 60455-3-5	NOTE	Harmonized as EN 60455-3-5.
IEC 60464-3-1	NOTE	Harmonized as EN 60464-3-1.
IEC 60464-3-2	NOTE	Harmonized as EN 60464-3-2.

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.cenelec.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 62631-3-1	-
ISO 1514	-		EN ISO 1514	-
ISO 2808	-	Paints and varnishes_ - Determination of film thickness	EN ISO 2808	-

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