SLOVENSKI STANDARD
oSIST prEN IEC 62631-2-1:2026

01-julij-2026

Dielektrične in uporovne lastnosti trdnih izolacijskih materialov - 2-1. del: Relativna permitivnost in faktor dielektričnih izgub - Tehnične frekvence (0,1 Hz - 10 MHz) - Metode AC

Dielectric and resistive properties of solid insulating materials - Part 2-1: Relative permittivity and dissipation factor - Technical frequencies (0,1 Hz - 10 MHz) - AC Methods

Dielektrične in uporovne lastnosti trdnih izolacijskih materialov - 2-1. del: Relativna permitivnost in faktor izgube - Tehnične frekvence (0,1 Hz – 10 MHz), metode AC (IEC 62631-2-1:2018)

Propriétés diélectriques et résistives des matériaux isolants solides - Partie 2-1: Permittivité relative et facteur de dissipation - Fréquences techniques (0,1 Hz à 10 MHz) - Méthodes en courant alternatif

Ta slovenski standard je istoveten z: **prEN IEC 62631-2-1:2026**

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

oSIST prEN IEC 62631-2-1:2026 **en**

112/721/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: **IEC 62631-2-1 ED2**	
DATE OF CIRCULATION: **2026-05-22**	CLOSING DATE FOR VOTING: **2026-08-14**
SUPERSEDES DOCUMENTS: **112/710/CD, 112/719/CC**	

IEC TC 112 : EVALUATION AND QUALIFICATION OF ELECTRICAL INSULATING MATERIALS AND SYSTEMS

SECRETARIAT: Germany	SECRETARY: Mr Bernd Komanschek
OF INTEREST TO THE FOLLOWING COMMITTEES: TC 10, TC 15	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED: Electricity transmission and distribution	
☒ SUBMITTED FOR CENELEC PARALLEL VOTING	☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

Attention IEC-CENELEC parallel voting

The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting.

The CENELEC members are invited to vote through the CENELEC online voting system.

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Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Recipients of this document are invited to submit, with their comments, notification of any relevant “In Some Countries” clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE AC/22/2007 OR NEW GUIDANCE DOC).

TITLE:

Dielectric and resistive properties of solid insulating materials – Part 2-1: Relative permittivity and dissipation factor – Technical Frequencies (0,1 Hz - 10 MHz) – AC Methods

PROPOSED STABILITY DATE: 2031

NOTE FROM TC/SC OFFICERS:

Link to Committee Draft for Vote (CDV) online document:

Click here

How to access

This link leads you to the Online Standards Development (OSD) platform for National Mirror Committee's (NMC) comments. The project draft may be found further down this document.

Resource materials

We recommend NCs to review the available materials to better understand the member commenting on the OSD platform.

This includes the:

- OSD NC roles overview
- How to add and submit comments to the IEC

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Should you require any assistance, please contact the IEC IT Helpdesk.

CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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Dielectric and resistive properties of solid insulating materials – Part 2-1: Relative permittivity and dissipation factor – Technical Frequencies (0,1 Hz - 10 MHz) – AC Methods

FOREWORD

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International Standard IEC 62631-2-1 has been prepared by IEC technical committee 112: Evaluation and qualification of electrical insulating materials and systems.

This second edition cancels and replaces the first edition published in 2017. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

– Removal of liquid electrode
– Editoral updates

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

Draft	Report on voting

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62631 series, published under the general title *Dielectric and resistive properties of solid insulating materials*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.