SLOVENSKI STANDARD
SIST EN IEC 60404-11:2021

01-november-2021

Nadomešča:
SIST EN 60404-11:2013

Magnetni materiali - 11. del: Metode za merjenje površinske izolacijske upornosti električnih jeklenih trakov in pločevine (IEC 60404-11:2021)

Magnetic materials - Part 11: Methods of measurement of the surface insulation resistance of electrical steel strip and sheet (IEC 60404-11:2021)

Magnetische Werkstoffe – Teil 11: Methoden zur Messung des Oberflächenisolationswiderstands von Elektrostahlbändern und -blechen (IEC 60404-11:2021)

Matériaux magnétiques - Partie 11: Méthodes de mesurage de la résistance d'isolement superficiel des bandes et tôles en acier électrique (IEC 60404-11:2021)

Ta slovenski standard je istoveten z: **EN IEC 60404-11:2021**

ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
29.030	Magnetni materiali	Magnetic materials

SIST EN IEC 60404-11:2021 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60404-11

August 2021

ICS 29.030; 17.220.01

Supersedes EN 60404-11:2013 and all of its amendments and corrigenda (if any)

English Version

Magnetic materials - Part 11: Methods of measurement of the surface insulation resistance of electrical steel strip and sheet (IEC 60404-11:2021)

Matériaux magnétiques - Partie 11: Méthodes de mesurage de la résistance d'isolement superficiel des bandes et tôles en acier électrique
(IEC 60404-11:2021)

Magnetische Werkstoffe - Teil 11: Methoden zur Messung des Oberflächenisolationswiderstands von Elektrostahlbändern und -blechen
(IEC 60404-11:2021)

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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 68/665/CDV, future edition 2 of IEC 60404-11, prepared by IEC/TC 68 “Magnetic alloys and steels” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60404-11:2021.

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) 2022–05–12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024–08–12

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Endorsement notice

The text of the International Standard IEC 60404-11:2021 was approved by CENELEC as a European Standard without any modification.

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.

Publication	Year	Title	EN/HD	Year
ISO/IEC Guide 98-3	-	Uncertainty of measurement - Part 3:- Guide to the expression of uncertainty in measurement (GUM:1995)		-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

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Part 11: Methods of measurement of the surface insulation resistance of electrical steel strip and sheet

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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MAGNETIC MATERIALS –

Part 11: Methods of measurement of the surface insulation resistance of electrical steel strip and sheet

FOREWORD

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IEC 60404-11 has been prepared by IEC technical committee 68: Magnetic alloys and steels. It is an International Standard.

This second edition cancels and replaces the first edition published in 1991, Amendment 1:1998 and Amendment 2:2012. This edition constitutes a technical revision.

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

a) Method B has been deleted and the measurement of individual currents through each contact button is enabled by Method A;
b) an improved arrangement of the test apparatus and the voltage stabilizing circuit for Method A, “Arrangement B”, is introduced.
c) an alternative layout using two pairs of contact assemblies in opposing position of the test specimen is introduced;

d) the restriction: “The same area of the test specimen shall not be used to test both sides.” has been deleted.

The text of this International Standard is based on the following documents:

CDV	Report on voting
68/665/CDV	68/681/RVC

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts in the IEC 60404 series, published under the general title *Magnetic materials*, can be found on the IEC website.

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

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