SLOVENSKI STANDARD
SIST EN 60212:2011

01-oktober-2011

Standardni pogoji, ki veljajo pred in med preskušanjem trdnih električnih izolacijskih materialov

Standard conditions for use prior to and during the testing of solid electrical insulating materials

Standardbedingungen für die Anwendung vor und während der Prüfung von festen Elektroisolierstoffen

Conditions normales à observer avant et pendant les essais de matériaux isolants électriques solides

Ta slovenski standard je istoveten z: EN 60212:2011

ICS:

29.035.01	Izolacijski materiali na splošno	Insulating materials in general

SIST EN 60212:2011 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60212

July 2011

ICS 17.220.99; 29.035.01

Supersedes HD 437 S1:1984

English version

Standard conditions for use prior to and during the testing of solid electrical insulating materials
(IEC 60212:2010)

Conditions normales à observer avant et pendant les essais de matériaux isolants électriques solides
(CEI 60212:2010)

Standardbedingungen für die Anwendung vor und während der Prüfung von festen Elektroisolierstoffen
(IEC 60212:2010)

This European Standard was approved by CENELEC on 2011-01-19. 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, 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Ref. No. EN 60212:2011 E

Foreword

The text of document (112/148/CDV), future edition 3 of IEC 60212, prepared by IEC TC 112, Evaluation and qualification of electrical insulating materials and systems, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60212 on 2011-01-19.

This European Standard supersedes HD 437 S1:1984.

The significant technical changes with respect to HD 437 S1:1984 are as follows:

– the scope and normative references have been updated and terms and definitions completely reviewed;

– technical details in Table 2 have been aligned to today's usage.

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

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2011-10-19

– latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2014-01-19

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60212:2010 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 referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60068-1 + corr. October + A1	1988 1988 1992	Environmental testing - Part 1: General and guidance	EN 60068-1[1)]	1994
IEC 60216-4-1	-	Electrical insulating materials - Thermal endurance properties - Part 4-1: Ageing ovens - Single-chamber ovens	EN 60216-4-1	-
ISO 62	2008	Plastics - Determination of water absorption	EN ISO 62	2008

[1)] EN 60068-1 includes A1 to IEC 60068-1 + corr. October .

IEC 60212

Edition 3.0 2010-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Standard conditions for use prior to and during the testing of solid electrical insulating materials

Conditions normales à observer avant et pendant les essais de matériaux isolants électriques solides

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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ELECTROTECHNIQUE
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

STANDARD CONDITIONS FOR USE PRIOR TO AND DURING THE TESTING OF SOLID ELECTRICAL INSULATING MATERIALS

FOREWORD

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International Standard IEC 60212 has been prepared by IEC technical committee 112: Evaluation and qualification of electrical insulating materials and systems.

This third edition cancels and replaces the second edition published in 1971 and constitutes a technical revision.

The significant technical changes with respect to the previous edition are as follows:

- the scope and normative references have been updated and terms and definitions completely reviewed;
- technical details in Table 2 have been aligned to today's usage.