
Preskušanje požarne ogroženosti - 1-30. del: Vodilo za ocenjevanje požarne ogroženosti elektrotehniških izdelkov - Uporaba predizbranih preskusnih metod

Fire hazard testing - Part 1-30: Guidance for assessing the fire hazard of electrotechnical products - Use of preselection testing procedures

Prüfungen zur Beurteilung der Brandgefahr - Teil 1-30: Anleitung zur Beurteilung der Brandgefahr von elektrotechnischen Erzeugnissen - Anwendung von Vorauswahlverfahren

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Essais relatifs aux risques du feu - Partie 1-30: Guide pour l'évaluation des risques du feu des produits électrotechniques - Utilisation des procédures d'essais de présélection

Ta slovenski standard je istoveten z: EN 60695-1-30:2002

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
29.020	Elektrotehnika na splošno	Electrical engineering in general

SIST EN 60695-1-30:2003**en,fr**

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EUROPEAN STANDARD

EN 60695-1-30

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2002

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English version

Fire hazard testing
Part 1-30: Guidance for assessing the fire hazard
of electrotechnical products -
Use of preselection testing procedures
(IEC 60695-1-30:2002)

Essais relatifs aux risques du feu
Partie 1-30: Guide pour l'évaluation
des risques du feu
des produits électrotechniques -
Utilisation des procédures
d'essais de présélection
(CEI 60695-1-30:2002)

Prüfungen zur Beurteilung der
Brandgefahr
Teil 1-30: Anleitung zur Beurteilung der
Brandgefahr von elektrotechnischen
Erzeugnissen -
Anwendung von Vorauswahlverfahren
(IEC 60695-1-30:2002)

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This European Standard was approved by CENELEC on 2002-09-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 89/526/FDIS, future edition 1 of IEC 60695-1-30, prepared by IEC TC 89, Fire hazard testing, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60695-1-30 on 2002-09-01.

This publication shall be used in conjunction with EN 60695-1-1:2000.

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) 2003-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2005-09-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annex ZA is normative and annexes A and B are informative.
Annex ZA has been added by CENELEC.

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The text of the International Standard IEC 60695-1-30:2002 was approved by CENELEC as a European Standard without any modification.

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In the official version, for annex A, the following notes have to be added for the standards indicated:

A.1	IEC 60112	NOTE	Harmonized as HD 214 S2:1980 (not modified).
	IEC 60587	NOTE	Harmonized as HD 380 S2:1987 (not modified).
	IEC 60695-2-2	NOTE	Harmonized as HD 444.2.2 S2:1992 (not modified).
	IEC 60695-2-13	NOTE	Harmonized as EN 60695-2-13:2001 (not modified).
	ISO 1182	NOTE	Harmonized as EN ISO 1182:2002 (not modified).
	ISO 2719	NOTE	Harmonized as EN 22719:1993 (not modified).
	ISO 2592	NOTE	Harmonized as EN ISO 2592:2001 (not modified).
A.2	IEC 60249-1	NOTE	Harmonized as EN 60249-1:1993 (not modified).
	IEC 60332-3 (Series)	NOTE	See EN 50266 (Series).
	IEC 60695-2-12	NOTE	Harmonized as EN 60695-2-12:2001 (not modified).
	IEC 60695-11-10	NOTE	Harmonized as EN 60695-11-10:1999 (not modified).

	IEC 60695-11-20	NOTE	Harmonized as EN 60695-11-20:1999 (not modified).
	IEC 60707	NOTE	Harmonized as EN 60707:1999 (not modified).
	IEC 61144	NOTE	Harmonized as EN 61144:1993 (not modified).
	ISO 4589-2	NOTE	Harmonized as EN ISO 4589-2:1999 (not modified).
	ISO 4589-3	NOTE	Harmonized as EN ISO 4589-2:1996 (not modified).
	ISO 9773	NOTE	Harmonized as EN ISO 9773:1998 (not modified).
A.4	IEC 61034-2	NOTE	See EN 50268-2:1999.
	ISO 5659-2	NOTE	Harmonized as EN ISO 5659-2:1998 (not modified).
A.9	IEC 60216 (Series)	NOTE	Harmonized as HD 611/EN 60216 (Series) (not modified).
	ISO 75-1	NOTE	Harmonized as EN ISO 75-1:1996 (not modified).
	ISO 75-2	NOTE	Harmonized as EN ISO 75-2:1996 (not modified).
	ISO 75-3	NOTE	Harmonized as EN ISO 75-3:1996 (not modified).
	ISO 179-1	NOTE	Harmonized as EN ISO 179-1:2000 (not modified).
	ISO 179-2	NOTE	Harmonized as EN ISO 179-2:1999 (not modified).
	ISO 180	NOTE	Harmonized as EN ISO 180:2000 (not modified).
	ISO 306	NOTE	Harmonized as EN ISO 306:1996 (not modified).
A.10	IEC 60754-1	NOTE	See EN 50267-1:1998 and EN 50267-2-1:1998
	IEC 60754-2	NOTE	See EN 50267-1:1998 and EN 50267-2-3:1998

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60695-1-1 + corr. January	1999 2000	Fire hazard testing Part 1-1: Guidance for assessing the fire hazard of electrotechnical products - General guidelines	EN 60695-1-1	2000
IEC 60695-4 A1 A2	1993 1995 2001	Part 4: Terminology concerning fire tests	EN 60695-4 - -	1995 - -
IEC Guide 104	1997	The preparation of safety publications and the use of basic safety publications and group safety publications	-	-
ISO/IEC 13943	2000	Fire safety - Vocabulary	EN ISO 13943	2000

**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60695-1-30

Première édition
First edition
2002-06

PUBLICATION FONDAMENTALE DE SÉCURITÉ
BASIC SAFETY PUBLICATION

Essais relatifs aux risques du feu –

Partie 1-30:

**Guide pour l'évaluation des risques
du feu des produits électrotechniques –
Utilisation des procédures d'essais
de présélection**

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Fire hazard testing –

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Part 1-30:

**Guidance for assessing the fire hazard
of electrotechnical products –
Use of preselection testing procedures**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIRE HAZARD TESTING –

**Part 1-30: Guidance for assessing the fire hazard
of electrotechnical products –
Use of preselection testing procedures**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical specifications, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60695-1-30 has been prepared by technical committee 89: Fire hazard testing.

This first edition of IEC 60695-1-30 cancels and replaces the first edition of IEC 60695-1-3, published in 1986, and constitutes a technical revision.

It has the status of a basic safety publication in accordance with IEC Guide 104.

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

FDIS	Report on voting
89/526/FDIS	89/535/RVD

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 3.

This publication shall be used in conjunction with IEC 60695-1-1.

Annexes A and B are for information only.

The committee has decided that the contents of this publication will remain unchanged until 2007. At this date, the publication will be

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

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INTRODUCTION

The information gained from properly designed small-scale tests can be used as an aid for the preselection of proper materials, parts, components or sub-assemblies with regard to the fire hazard evaluation of the final end-product. The best method for testing electrotechnical products with regard to fire hazard is to duplicate exactly the conditions occurring in practice. Where this is not practicable, fire hazard testing should be conducted by simulating as closely as possible the actual conditions of use and of the situation to which a sub-assembly, component, part or material may be exposed in such use.

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