

# SLOVENSKI STANDARD

## SIST EN IEC 60695-4:2021

01-oktober-2021

Nadomešča:  
SIST EN 60695-4:2012

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### Preskušanje požarne ogroženosti - 4. del: Izrazje v zvezi s požarnimi preskusi elektrotehničnih proizvodov (IEC 60695-4:2021)

Fire hazard testing - Part 4: Terminology concerning fire tests for electrotechnical products (IEC 60695-4:2021)

Prüfungen zur Beurteilung der Brandgefahr - Teil 4: Terminologie der Brandprüfungen elektrotechnischer Produkte (IEC 60695-4:2021)

Essais relatifs aux risques du feu - Partie 4: Terminologie relative aux essais au feu pour les produits électrotechniques (IEC 60695-4:2021)

Ta slovenski standard je istoveten z: **EN IEC 60695-4:2021**

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#### **ICS:**

01.040.13	Okolje. Varovanje zdravja. Varnost (Slovarji)	Environment. Health protection. Safety (Vocabularies)
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 IEC 60695-4:2021**

**en**

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EUROPEAN STANDARD

**EN IEC 60695-4**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2021

ICS 01.040.13; 29.020

Supersedes EN 60695-4:2012 and all of its amendments  
and corrigenda (if any)

English Version

**Fire hazard testing - Part 4: Terminology concerning fire tests for  
electrotechnical products  
(IEC 60695-4:2021)**

Essais relatifs aux risques du feu - Partie 4: Terminologie  
relative aux essais au feu pour les produits  
électrotechniques  
(IEC 60695-4:2021)

Prüfungen zur Beurteilung der Brandgefahr - Teil 4:  
Terminologie der Brandprüfungen elektrotechnischer  
Produkte  
(IEC 60695-4:2021)

This European Standard was approved by CENELEC on 2021-07-28. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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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**

**EN IEC 60695-4:2021 (E)****European foreword**

The text of document 89/1462/CDV, future edition 5 of IEC 60695-4, prepared by IEC/TC 89 “Fire hazard testing” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60695-4:2021.

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) 2022-04-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-07-28

This document supersedes EN 60695-4:2012 and all of its amendments and corrigenda (if any).

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

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

**Endorsement notice**

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The text of the International Standard IEC 60695-4:2021 was approved by CENELEC as a European Standard without any modification.

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## 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050	series	International Electrotechnical Vocabulary	-	-
IEC Guide 104	-	The preparation of safety publications and the use of basic safety publications and group safety publications	-	-
ISO 13943	2017	Fire safety - Vocabulary	EN ISO 13943	2017
ISO/IEC Guide 51	-	Safety aspects - Guidelines for their inclusion in standards	-	-

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IEC 60695-4

Edition 5.0 2021-06

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

Fire hazard testing – **STANDARD PREVIEW**  
Part 4: Terminology concerning fire tests for electrotechnical products  
(standards.iteh.ai)

Essais relatifs aux risques du feu –  
Partie 4: Terminologie relative aux essais au feu pour les produits  
électrotechniques  
SIST EN IEC 60695-4:2021  
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INTERNATIONAL  
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ICS 01.040.13; 29.020

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## FIRE HAZARD TESTING –

Part 4: Terminology concerning fire tests  
for electrotechnical products

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of 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, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). 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. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60695-4 has been prepared by of IEC technical committee 89: Fire hazard testing.

This fifth edition cancels and replaces the fourth edition published in 2012. This edition constitutes a technical revision.

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

- a) The terms and definitions that are not specifically electrotechnical and that are either identical or equivalent to those in ISO 13943:2017 have been deleted.
- b) The terms and definitions that are specifically electrotechnical and that are in ISO 13943:2017 have been included for the convenience of the user.

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

Draft	Report on voting
89/1462/CDV	89/1502/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.

It has the status of a basic safety publication in accordance with IEC Guide 104 and ISO/IEC Guide 51.

A list of all the parts in the IEC 60695 series, under the general title *Fire hazard testing*, can be found on the IEC website.

The following introductory elements represent a series of publications:

- Part 1: Guidance for assessing the fire hazard of electrotechnical products
- Part 2: Glowing/hot-wire based test methods
- Part 4: Terminology concerning fire tests for electrotechnical products
- Part 5: Corrosion damage effects of fire effluent
- Part 6: Smoke obscuration
- Part 7: Toxicity of fire effluent
- Part 8: Heat release
- Part 9: Surface spread of flame
- Part 10: Abnormal heat
- Part 11: Test flames

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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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](http://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.