



SLOVENSKI STANDARD
SIST EN 60691:2004/A1:2007
01-november-2007

Termični taljivi vložki - Zahteve in navodilo za uporabo (IEC 60691:2002/A1:2006)

Thermal-links - Requirements and application guide

Temperatursicherungen - Anforderungen und Anwendungshinweise

Protecteurs thermiques - Prescriptions et guide d'application

Ta slovenski standard je istoveten z: EN 60691:2003/A1:2007

[SIST EN 60691:2004/A1:2007](https://standards.iteh.ai/catalog/standards/sist/8fafa47-da1f-4186-b858-b87798991f9f/sist-en-60691-2004-a1-2007)

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ICS:

29.120.50	Varovalke in druga medtokovna zaščita	Fuses and other overcurrent protection devices
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SIST EN 60691:2004/A1:2007

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60691/A1

January 2007

ICS 29.120.50

English version

**Thermal-links -
Requirements and application guide
(IEC 60691:2002/A1:2006)**

Protecteurs thermiques -
Prescriptions et guide d'application
(CEI 60691:2002/A1:2006)

Temperatursicherungen -
Anforderungen und Anwendungshinweise
(IEC 60691:2002/A1:2006)

This amendment A1 modifies the European Standard EN 60691:2003; it was approved by CENELEC on 2006-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment exists in two official versions (English and 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, 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

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

Foreword

The text of document 32C/395/FDIS, future amendment 1 to IEC 60691:2002, prepared by SC 32C, Miniature fuses, of IEC TC 32, Fuses, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60691:2003 on 2006-12-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2007-09-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2009-12-01

Endorsement notice

The text of amendment 1:2006 to the International Standard IEC 60691:2002 was approved by CENELEC as an amendment to the European Standard without any modification.

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Replace Annex ZA of EN 60691:2003 by:

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60065 (mod)	2001	Audio, video and similar electronic apparatus - Safety requirements	EN 60065	2002
A1 (mod)	2005		+ corr. March A1	2006 2006
IEC 60085	2004	Electrical insulation - Thermal classification	EN 60085	2004
IEC 60112	2003	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	EN 60112	2003
IEC 60216-1	2001	Electrical insulating materials - Properties of thermal endurance Part 1: Ageing procedures and evaluation of test results	EN 60216-1	2001
IEC 60664-1 + A1 + A2	1992 2000 2002	Insulation coordination for equipment within low-voltage systems Part 1: Principles, requirements and tests	EN 60664-1	2003
IEC 60695-2-11	2000	Fire hazard testing Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products	EN 60695-2-11	2001
IEC 60695-10-2	2003	Fire hazard testing Part 10-2: Abnormal heat - Ball pressure test	EN 60695-10-2	2003
IEC 60695-10-3	2002	Fire hazard testing Part 10-3: Abnormal heat - Mould stress relief distortion test	EN 60695-10-3	2002
IEC 60695-11-10 A1	1999 2003	Fire hazard testing Part 11-10: Test flames - 50 W horizontal and vertical flame test methods	EN 60695-11-10 A1	1999 2003
IEC 60695-11-20	1999	Fire hazard testing Part 11-20: Test flames - 500 W flame test methods	EN 60695-11-20	1999

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60730-1 (mod)	1999	Automatic electrical controls for household and similar use	EN 60730-1	2000
A1 (mod)	2003	Part 1: General requirements	A12	2003
			A1	2004
			A13	2004
			A14	2005
			A15	200X ¹⁾
			A16	200X ¹⁾
IEC 61210 (mod)	1993	Connecting devices - Flat quick-connect terminations for electrical copper conductors - Safety requirements	EN 61210	1995

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¹⁾ To be published.

INTERNATIONAL STANDARD

IEC 60691

2002

AMENDMENT 1
2006-09

Amendment 1

**Thermal-links –
Requirements and application guide –**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE

M

For price, see current catalogue

FOREWORD

This amendment has been prepared by subcommittee 32C: Miniature fuses, of IEC technical committee 32: Fuses.

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

FDIS	Report on voting
32C/395/FDIS	32C/400/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site 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.

A bilingual version of this amendment may be issued at a later date.

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CONTENTS

Add, after Clause 12, the following new Clause heading:

13 Manufacturer's validation programme

Page 5

FOREWORD

Add the following new paragraphs 7), 8) and 9) to the first part of the Foreword:

- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

Replace the last paragraph on page 5 by the following:

The basis for this standard is the harmonization of the USA national standard, UL 1020, fifth edition (withdrawn 2003), and IEC 60691, second edition, together with its amendments 1 and 2.

Page 7

Replace the first paragraph by the following:

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date¹⁾ indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

A bilingual version of this amendment may be issued at a later date.

Add the following footnote to the bottom of page 7:

1) The National Committees are requested to note that for this publication the maintenance result date is 2009.

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2 Normative references

Add, after IEC 60065:2001, the following:

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"Amendment 1 (2005)

Replace the reference to IEC 60085:1984, by the following:

IEC 60085:2004, *Electrical insulation – Thermal classification*

Replace the reference to IEC 60112 (including its footnote) by the following:

IEC 60112:2003, *Method for the determination of the proof and the comparative tracking indices of solid insulating materials*

Add, after IEC 60664-1, the following:

Amendment 1 (2000)

Amendment 2 (2002)

Replace the reference to IEC 60695-10-2:1995 by the following:

IEC 60695-10-2:2003, *Fire hazard testing – Part 10-2: Abnormal heat – Ball pressure test*

Add, after IEC 60695-11-10:1999, the following:

Amendment 1 (2003)