
Termični taljivi vložki - Zahteve in navodilo za uporabo (IEC 60691:2002/A2:2010)

Thermal-links - Requirements and application guide (IEC 60691:2002/A2:2010)

Temperatursicherungen - Anforderungen und Anwendungshinweise (IEC
60691:2002/A2:2010)

Protecteurs thermiques - Prescriptions et guide d'application (CEI 60691:2002/A2:2010)

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Ta slovenski standard je istoveten z: EN 60691:2003/A2:2010

SIST EN 60691:2004/A2:2010
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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/A2:2010**en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60691/A2

March 2010

ICS 29.120.50

English version

**Thermal-links -
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(IEC 60691:2002/A2:2010)**

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Temperatursicherungen -
Anforderungen und Anwendungshinweise
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This amendment A2 modifies the European Standard EN 60691:2003; it was approved by CENELEC on 2010-03-01. 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 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

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 32C/425/FDIS, future amendment 2 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 A2 to EN 60691:2003 on 2010-03-01.

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 amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2010-12-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2013-03-01

Endorsement notice

The text of amendment 2:2010 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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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/425/FDIS	32C/429/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 stability 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.

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5 General notes on tests

Replace, in Amendment 1:2006, the first paragraph by the following:

Unless otherwise specified, only tests that are not required to be performed inside an environmental chamber and/or test oven shall be carried out under the following atmospheric conditions:

Temperature: 15 °C to 35 °C

Relative humidity: 25 % to 75 %

Air pressure: $8,6 \times 10^4$ Pa to $1,06 \times 10^5$ Pa

NOTE 1 The required atmospheric conditions during testing can be controlled when carrying out the tests and during the duration of the tests. The required atmospheric conditions do not have to be maintained in a test laboratory when tests are not performed.

Renumber the existing NOTE 1 as NOTE 2 and NOTE 2 as NOTE 3.

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10.6 Interrupting current**10.6.2 Specific conditions**

Replace, in Amendment 1:2006, the existing Table 5 by the following new Table 5:

Table 5 – Test current for interrupting test

Type of rating	Rated in	Test current	Power factor
Resistive	AC amperes	1,5 times rated current	0,95 – 1,0
	DC amperes	1,5 times rated current	–
Inductive	AC amperes	1,5 times rated current	0,6
Motor	AC locked rotor amperes (LRA)	6 times full-load current ^a	0,4 – 0,5
	DC amperes	10 times full-load rated current	–
Pilot duty	AC volt-amperes	^b	0,35
Electric discharge lamp	AC amperes	4 times rated current	0,4 – 0,5

^a Or the specified value, such as horsepower, if locked rotor ampere rating is omitted.

^b See point f) of 10.6.2.

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