

# INTERNATIONAL STANDARD

AMENDMENT 2

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

IEC 60691:2002/AMD2:2010  
<https://standards.iteh.ai/catalog/standards/sist/b2d1e99e-c9d6-44aa-a954-85eaf6cb42d9/iec-60691-2002-amd2-2010>

Withhold



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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- withdrawn,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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*60691-2002-amd2-2010*

### 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 <sup>a</sup>	0,4 – 0,5
	DC amperes	10 times full-load rated current	–
Pilot duty	AC volt-amperes	<sup>b</sup>	0,35
Electric discharge lamp	AC amperes	4 times rated current	0,4 – 0,5

<sup>a</sup> Or the specified value, such as horsepower, if locked rotor ampere rating is omitted.

<sup>b</sup> See point f) of 10.6.2.

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