

INTERNATIONAL STANDARD

AMENDMENT 1

Thermal-links – Requirements and application guide

(standards.iteh.ai)

IEC 60691:2015/AMD1:2019

<https://standards.iteh.ai/catalog/standards/sist/a50199ef-73b2-45e3-8e0f-42ede8d93ea7/iec-60691-2015-amd1-2019>



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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/548/FDIS	32C/559/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 website under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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4 General requirements

4.3 *Replace the first paragraph of Subclause 4.3 by the following new paragraph:*

When a thermal-link changes its state of conductivity, no arc or flame shall be maintained, nor material expelled, that might impair the surrounding area or otherwise create a risk of electric shock or fire. In addition, there shall be no emission of substances (e.g. gases, liquids, dust, mist, vapour) which could cause a hazard.

9.1 General

9.1.3 *Replace the third paragraph of Subclause 9.1.3 by the following new paragraph:*

For current-carrying parts, temperature limits shall be considered according to Table 13 of IEC 60730-1:2013.

10.3.2 Specific conditions

10.3.2.12 *Replace the existing text of Subclause 10.3.2.12 by the following new text:*

There shall be no damage to the integral leads of a thermal-link. There shall be no emission of hazardous substances from a thermal-link. The case of an enclosed element shall remain intact. The quick acting and high breaking 1 A fuse (see IEC 60127-2:2014, Standard sheet 1) specified in 10.3.2.1 and 10.3.2.2 shall not function (open). An exposed element shall not arc to adjacent metal parts and material shall not be expelled which may harm the surrounding area.

Annex F

Delete Clause F.4.

Annex H

H.9.5 Insulating materials

Add the following new text after Subclause H.9.5.101:

H.9.5.101.1 If there are no relevant IEC values available, as an alternative, comparable RTI values may be chosen from an equivalent standard.

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