

SLOVENSKI STANDARD

SIST EN 60127-2:2004/A2:2010

01-november-2010

Miniaturne varovalke - 2. del: Taljivi vložki varovalk (IEC 60127-2:2003/A2:2010)

Miniature fuses - Part 2: Cartridge fuse-links (IEC 60127-2:2003/A2:2010)

Geräteschutzsicherungen - Teil 2: Sicherungseinsätze (IEC 60127-2:2003/A2:2010)

Coupe-circuit miniatures - Partie 2: Cartouches (CEI 60127-2:2003/A2:2010)

Ta slovenski standard je istoveten z: EN 60127-2:2003/A2:2010

[SIST EN 60127-2:2004/A2:2010](https://standards.iteh.ai/catalog/standards/sist/3709240a-2133-4bc6-8068-e2f5a6a3e23f/sist-en-60127-2-2004-a2-2010)

<https://standards.iteh.ai/catalog/standards/sist/3709240a-2133-4bc6-8068-e2f5a6a3e23f/sist-en-60127-2-2004-a2-2010>

ICS:

29.120.50	Varovalke in druga medtokovna zaščita	Fuses and other overcurrent protection devices
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SIST EN 60127-2:2004/A2:2010

en,fr

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60127-2/A2

July 2010

ICS 29.120.50

English version

**Miniature fuses -
Part 2: Cartridge fuse-links
(IEC 60127-2:2003/A2:2010)**

Coupe-circuit miniatures -
Partie 2: Cartouches
(CEI 60127-2:2003/A2:2010)

Geräteschutzsicherungen -
Teil 2: Sicherungseinsätze
(IEC 60127-2:2003/A2:2010)

This amendment A2 modifies the European Standard EN 60127-2:2003; it was approved by CENELEC on 2010-07-01. 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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 32C/432/FDIS, future amendment 2 to IEC 60127-2:2003, 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 60127-2:2003 on 2010-07-01.

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) | 2011-04-01 |
| – latest date by which the national standards conflicting with the amendment have to be withdrawn | (dow) | 2013-07-01 |

Endorsement notice

The text of amendment 2:2010 to the International Standard IEC 60127-2:2003 was approved by CENELEC as an amendment to the European Standard without any modification.

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IEC 60127-2

Edition 2.0 2010-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

Miniature fuses – iTeh STANDARD PREVIEW
Part 2: Cartridge fuse-links (standards.iteh.ai)

Coupe-circuit miniatures – SIST EN 60127-2:2004/A2:2010
Partie 2: Cartouches <https://standards.iteh.ai/catalog/standards/sist/3709240a-2133-4bc6-8068-e2f5a6a3e23f/sist-en-60127-2-2004-a2-2010>

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ICS 29.120.50

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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/432/FDIS	32C/433/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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[SIST EN 60127-2:2004/A2:2010](https://standards.iteh.ai/catalog/standards/sist/3709240a-2133-4bc6-8068-e2f5a6a3e23f/sist-en-60127-2-2004-a2-2010)

8.2 Construction <https://standards.iteh.ai/catalog/standards/sist/3709240a-2133-4bc6-8068-e2f5a6a3e23f/sist-en-60127-2-2004-a2-2010>

Delete the second paragraph and the last paragraph of this subclause.

A.2.1 Type tests

In the first paragraph, delete "of which 3 (fuse-links numbered 19 to 21) are kept as spares in case some of the tests have to be repeated."

After subclause A.4.3 Breaking capacity, add the following new subclause:

A.4.4 Fuse-link temperature

Fuse-links shall be tested according to 9.7 of IEC 60127-1 with the following modifications:

Replace the second paragraph of 9.7 by the following:

The temperature rise, as measured on the terminations where they enter the test board, shall not exceed 150 K when the fuse-link is tested as follows. The fuse-link shall be spaced 1 mm from the printed wiring board.

Replace the text of the first dash by:

- the initial current shall be $1,5 I_N$;

Replace the text of the last dash by:

- the temperature during the last 30 seconds prior to opening shall be ignored.

Add an additional dash and text as follows:

– the thermocouple size shall be no larger than 0,05 mm² (30 AWG).

Delete the NOTE 1 and change the NOTE 2 to NOTE.

Table A.1 – Testing schedule

Replace Table A.1 by the following:

Table A.1 – Testing schedule

Subclause	Description	Fuse-link number					
		1 2 3	4 5 6	7 to 12	13 14 15	16 17 18	19 20 21
A.3.1	Dimensions	X	X	X	X	X	X
A.4.1	Voltage drop	X	X				
A.4.2	2,1 I _N	X					
A.4.3	Rated breaking capacity		X				
A.3.2	Mechanical tests on terminations			X			
A.3.3	Solderability				X		
A.3.4	Resistance to soldering heat					X	
A.4.4	Fuse-link temperature						X
A.4.1	Voltage drop			X		X	
NOTE Fuse-links numbered 7 to 12 and 16 to 18 are tested before soldering to the test board for the measurement of voltage drop. Fuse-links 13 to 15 are not soldered to the test board.							

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