

SLOVENSKI STANDARD

SIST EN 60127-4:1998/A1:2003

01-marec-2003

Miniature fuses - Part 4: Fuse-holders for miniature fuse-links - Amendment A1 (IEC 60127-6:1994/A1:1996)

Miniature fuses -- Part 4: Universal Modular Fuse-links (UMF)

Geräteschutzsicherungen -- Teil 4: Welteinheitliche Modular-Sicherungseinsätze (UMF)

Coupe-circuit miniatures -- Partie 4: Éléments de remplacement modulaires universels (UMF)

STANDARD PREVIEW
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Ta slovenski standard je istoveten z: **EN 60127-4:1996/A1:2002**

SIST EN 60127-4:1998/A1:2003
<https://standards.iteh.ai/catalog/standards/sist/29191909-2a91-4477-9eda-42fa1dc80a1f/sist-en-60127-4-1998-a1-2003>

ICS:

29.120.50

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Fuses and other overcurrent
protection devices

SIST EN 60127-4:1998/A1:2003

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EUROPEAN STANDARD

EN 60127-4/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2002

ICS 29.120.50

English version

Miniature fuses
Part 4: Universal Modular Fuse-links (UMF)
(IEC 60127-4:1996/A1:2002)

Coupe-circuit miniatures
Partie 4: Eléments de remplacement
modulaires universels (UMF)
(CEI 60127-4:1996/A1:2002)

Geräteschutzsicherungen
Teil 4: Welteinheitliche Modular-
Sicherungseinsätze (UMF)
(IEC 60127-4:1996/A1:2002)

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This amendment A1 modifies the European Standard EN 60127-4:1996; it was approved by CENELEC on 2002-07-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and 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/304/FDIS, future amendment 1 to IEC 60127-4:1996, 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 60127-4:1996 on 2002-07-01.

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) 2003-04-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2005-07-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annex ZA is normative and annex A is informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of amendment 1:2002 to the International Standard IEC 60127-4:1996 was approved by CENELEC as an amendment to the European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61191-2	NOTE	Harmonized as EN 61191-2:1998 (not modified).
ISO 9453	NOTE	Harmonized as EN 29453:1993 (not modified).

Annex ZA
(normative)**Normative references to international publications
with their corresponding European publications**

Replace the reference IEC 68-2-21:1983 by the following:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-21	1999	Environmental testing Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices	EN 60068-2-21	1999

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[SIST EN 60127-4:1998/A1:2003](https://standards.iteh.ai/catalog/standards/sist/29f909-2a91-4477-9eda-42fa1dc80a1f/sist-en-60127-4-1998-a1-2003)

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

60127-4

1996

AMENDEMENT 1
AMENDMENT 1
2002-06

Amendement 1

Coupe-circuit miniatures –

Partie 4:

Eléments de remplacement modulaires
universels (UMF)

(standards.iteh.ai)

Amendment 1

<https://standards.iteh.ai/catalog/standards/sist/29f9f909-2a91-4477-9eda-4261dc80a1f8/sist-en-60127-4-1998-a1-2003>

Miniature fuses –

Part 4:

Universal Modular Fuse-Links (UMF)

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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Pour prix, voir catalogue en vigueur
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/304/FDIS	32C/310/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 the base publication and its amendments will remain unchanged until 2004. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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2 Normative references [SIST EN 60127-4:1998/A1:2003](https://standards.iteh.ai/catalog/standards/sist/29f909-2a91-4477-9eda-42fa1dc80a1f/sist-en-60127-4-1998-a1-2003)
<https://standards.iteh.ai/catalog/standards/sist/29f909-2a91-4477-9eda-42fa1dc80a1f/sist-en-60127-4-1998-a1-2003>
 Replace the reference IEC 68-2-21:1983, by the following:

IEC 60068-2-21:1999, *Environmental testing – Part 2-21: Tests – Test U: Robustness of terminations and integral mounting devices*

Page 13

7 General notes on tests

7.2 Type tests

Replace the existing subclause 7.2.1 by the following new subclause:

7.2.1 For fuse-links, designed and rated both for a.c. and d.c., the number of fuse-links required is 63; for fuse-links designed only for a.c., the number is 48. In both cases, nine fuse-links are kept as spares in case some of the tests have to be repeated (see table 1).

Fuse-links shall be tested or inspected in accordance with 7.2.1 of IEC 60127-1, except for item d) voltage drop, for which the following applies:

Twelve samples are picked at random before the measurement of voltage drop, and subjected to the following tests according to table 1:

- 8.3 Terminations (strength);
- 8.6 Solderability of terminations;
- 8.7 Resistance to soldering heat.

The voltage drop shall be measured using the appropriate fuse-base according to figure 4 (see 7.3).

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7.3 Fuse-bases for tests

7.3.1 General requirements

Replace, in the first paragraph of this subclause, the text in brackets by the following:

(see 7.3.2 or 7.3.3 as appropriate)

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8.8 Mounting for surface mount fuse-links

Replace the existing subclause 8.8 by the following new subclause:

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The surface mount fuse-links are mounted on test boards as shown in figure 3. See annex A for guidance.

These mounted test boards shall be used for the electrical tests listed in table 1.

Delete 8.8.1 and 8.8.2.

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9.2 Time/current characteristics

Replace, in the third paragraph of 9.2.1, the first line by the following:

Pre-arcing time at 10 times rated current according to the following types:

9.3 Breaking capacity

Delete, on page 27, the second item of the first paragraph of 9.3.2, beginning with " – piercing of...".