



SLOVENSKI STANDARD
SIST EN 60127-4:1998/A2:2004
01-marec-2004

**Miniature fuses - Part 4: Universal Modular Fuse-links (UMF) - Amendment A2
(IEC 60127-4:1996/A2:2003)**

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

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

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

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Ta slovenski standard je istoveten z: EN 60127-4:1996/A2:2003

SIST EN 60127-4:1998/A2:2004
<https://standards.iteh.ai/catalog/standards/sist/db39716d-4596-41e1-87cf-1a5bd4a7dbcc/sist-en-60127-4-1998-a2-2004>

ICS:

29.120.50 Xæ[çæ\ ^Á Ái\ * æ Fuses and other overcurrent
{ ^âq \ [ç} æÁ æz äæ protection devices

SIST EN 60127-4:1998/A2:2004 en

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EUROPEAN STANDARD

EN 60127-4/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2003

ICS 29.120.50

English version

Miniature fuses
Part 4: Universal Modular Fuse-links (UMF)
(IEC 60127-4:1996/A2:2003)

Coupe-circuit miniatures
Partie 4: Eléments de remplacement
modulaires universels (UMF)
(CEI 60127-4:1996/A2:2003)

Geräteschutzsicherungen
Teil 4: Welteinheitliche Modular-
Sicherungseinsätze (UMF)
(IEC 60127-4:1996/A2:2003)

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This amendment A2 modifies the European Standard EN 60127-4:1996; it was approved by CENELEC on 2003-10-01. 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, Lithuania, 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/336/FDIS, future amendment 2 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 A2 to EN 60127-4:1996 on 2003-10-01.

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) 2004-07-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2006-10-01

Endorsement notice

The text of amendment 2:2003 to the International Standard IEC 60127-4:1996 was approved by CENELEC as an amendment to the European Standard without any modification.

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60127-4

1996

AMENDEMENT 2
AMENDMENT 2
2003-07

Amendement 2

Coupe-circuit miniatures –

Partie 4:

**Eléments de remplacement modulaires
universels (UMF)**
(standards.iteh.ai)

Amendment 2

<https://standards.iteh.ai/catalog/standards/sist/db39716d-459b-4fef-87cf-1a5bd4a7dbcc/sist-en-60127-4-1998-a2-2004>

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/336/FDIS	32C/343/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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[SIST EN 60127-4:1998/A2:2004](https://standards.iteh.ai/catalog/standards/sist/db39716d-459b-4fef-87cf-a5bd4a7dbcc/sist-en-60127-4-1998-a2-2004)

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7 General notes on tests [a5bd4a7dbcc/sist-en-60127-4-1998-a2-2004](https://standards.iteh.ai/catalog/standards/sist/db39716d-459b-4fef-87cf-a5bd4a7dbcc/sist-en-60127-4-1998-a2-2004)

7.2 Type tests

Replace the existing subclause 7.2.1 by the following:

For testing of individual fuse ratings according to standard sheets 1 and 2 see table 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 of fuse-links required is 48. There are nine spares.

For the maximum ampere rating of a homogeneous series according to standard sheets 1 and 2 see table 3. For fuse-links, designed and rated both for a.c. and d.c., the number of fuse-links required is 53. For fuse-links designed only for a.c., the number of fuse-links required is 48. There are 19 spares.

For the minimum ampere rating of a homogeneous series according to standard sheets 1 and 2 see table 4. For fuse-links, designed and rated both for a.c. and d.c., the number of fuse-links required is 38. For fuse-links designed only for a.c., the number of fuse-links required is 33. There are 16 spares.

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9 Electrical requirements

9.1 Voltage drop

Replace the second paragraph by the following:

The voltage drop shall be measured at the points marked U in figure 2 for through-hole fuse-links and in figure 3 for surface mount fuse-links, using the test fuse-base shown in figure 4 (see 7.3).

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Rename table 1 as follows:

Table 1 – Testing schedule for individual ampere rating

Add, after table 1, the following new tables 3 and 4:

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Table 3 – Testing schedule for maximum ampere rating of a homogeneous series

Subclause	Description	Fuse-link numbers																																	
		1-6	7	8	9	10	11	12	13-18	19	20	21	22-26	27-31	32-41	42	43	44	45	46	47	48	49	50	51	52	53								
9.7	Temperature rise								X																										
9.5	Maximum sustained dissipation								X																										
9.4	Endurance test								X																										
9.2.1	Time/current characteristics	10 I_N															X																		
		2 I_N																																	
		1,25 I_N							X																										
9.3	Rated breaking capacity	a.c.										X																							
		d.c.												X																					
9.3.3	Insulation resistance																																		
8.3	Fuse-link terminations																																		
8.5	Soldered joints	X																																	
6.2 ^a	Legibility and indelibility of marking																									X									
8.6	Solderability																																		
8.7	Resistance to soldering heat																																		

A total of 53 fuse-links (48 for a.c. use only, omit d.c. breaking capacity samples) of which 19 are kept as spares. Samples 1 to 12 are chosen at random. Samples 13 to 53 (48) are soldered to the test board and sorted in descending order of voltage drop.

^a This subclause is to be found in IEC 60127-1.