
Miniature fuses - Part 3: Sub-miniature fuse-links - Amendment A2 (IEC 60127-3:1988/A2:2002)

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Miniature fuses
Part 3: Sub-miniature fuse-links
(IEC 60127-3:1988/A2:2002)

Coupe-circuit miniatures
Partie 3: Eléments de remplacement
subminiatures
(CEI 60127-3:1988/A2:2002)

Geräteschutzsicherungen
Teil 3: Kleinstsicherungseinsätze
(IEC 60127-3:1988/A2:2002)

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This amendment A2 modifies the European Standard EN 60127-3:1996; it was approved by CENELEC on 2003-02-01. 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/323/FDIS, future amendment 2 to IEC 60127-3:1988, 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 60127-3:1996 on 2003-02-01.

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) 2003-11-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2006-02-01

Endorsement notice

The text of amendment 2:2002 to the International Standard IEC 60127-3:1988 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

60127-3

1988

AMENDEMENT 2
AMENDMENT 2
2002-12

Amendement 2

Coupe-circuit miniatures –

**Partie 3:
Éléments de remplacement subminiatures**

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Amendment 2

[SIST EN 60127-3:1999/A2:2004](https://standards.iteh.ai/catalog/standards/sist/f7a21248-85dc-4224-b84e-f92691407f0d/sist-en-60127-3-1999-a2-2004)

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Miniature fuses –

**Part 3:
Sub-miniature fuse-links**

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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/323/FDIS	32C/332/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 2005. At this date, the publication will be

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- withdrawn;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

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7 General notes on tests

Replace the first paragraph of 7.2.1 by the following:

For testing individual fuse ratings according to standard sheets 1 and 2, the number of sub-miniature fuse-links required is 66, of which 12 are kept as spares. The testing schedule is shown in table 1.

For testing individual fuse ratings according to standard sheets 3 and 4, the number of fuse-links required is 51, of which 12 are kept as spares. The testing schedule is shown in table 2.

For the maximum ampere rating of a homogeneous series, the number of fuse-links required in the case of fuse-links in accordance with standard sheets 1 and 2 is 56, of which 22 are kept as spares. The testing schedule is shown in table 3. The number of fuse-links required in the case of fuse-links in accordance with standard sheets 3 and 4 is 51, of which 22 are kept as spares. The testing schedule is shown in table 4.

For the minimum ampere rating of a homogeneous series the number of fuse-links required is 38, of which 16 are kept as spares. The test schedule is shown in table 5.

Pages 17 and 19 of Amendement 1

Rename table 1 and 2 as follows:

Table 1 – Testing schedule for individual ampere ratings, standard sheets 1 and 2

Table 2 – Testing schedule for individual ampere ratings, standard sheets 3 and 4

Add, after table 2, the following new tables 3, 4 and 5 as follows:

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Table 3 – Testing schedule for maximum ampere rating of a homogeneous series, standard sheets 1 and 2

Subclause	Description	Fuse-link numbers in decreasing value of voltage drop														
		1-6	7 8 9	10 11 12	13-17	18-22	23-32	33 34 35	36 37 38	39 40 41	42 43 44	45 46 47	48 49 50	51 52 53	54 55 56	
9.7 ^a	Temperature												X			
9.4	Endurance test	X														
9.2.1 ^a	Time/current characteristics															
	10 I _n						X									
	4 I _n								X							
	2,75 I _n										X					
	2,0 I _n														X	
9.3	1,0 I _n		X													
	Rated breaking capacity				X											
	50 A a.c.															
9.3.3 ^a	50 A d.c.					X										
	Insulation resistance				X											
8.3	Terminations	X														
8.5 ^a	Soldered joints	X	X						X			X	X		X	
6.2 ^a	Legibility and indelibility of marking								X			X	X		X	
^a Subclause to be found in IEC 60127-1.																

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Table 4 – Testing schedule for maximum ampere rating of a homogeneous series, standard sheets 3 and 4

Subclause	Description	Fuse-link numbers in decreasing value of voltage drop													
		1-6	7 8 9	10 11 12	13-17	18-27	28 29 30	31 32 33	34 35 36	37 38 39	40 41 42	43 44 45	46 47 48	49 50 51	
9.7 a	Temperature											X			
9.4	Endurance test	X													
9.2.2 a	Test at elevated temperature ^b			X											
9.2.1 a	Time/current characteristics						X								
									X						
														X	
9.3	Rated breaking capacity				X										
9.3.3 a	Insulation resistance				X										
8.3	Terminations	X													
8.5 a	Soldered joints	X					X		X		X	X		X	
6.2 a	Legibility and indelibility of marking						X		X		X	X		X	
^a Subclause to be found in IEC 60127-1.															
^b Applicable only when specified in the relevant standard sheet.															

^a Subclause to be found in IEC 60127-1.^b Applicable only when specified in the relevant standard sheet.