

# SLOVENSKI STANDARD

## SIST EN 60127-6:2015

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SIST EN 60127-6:1995

SIST EN 60127-6:1995/A1:1999

SIST EN 60127-6:1995/A2:2004

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**Miniaturne varovalke - 6. del: Ohišja varovalk za miniaturne taljive vložke (IEC 60127-6:2014)**

Miniature fuses - Part 6: Fuse-holders for miniature fuse-links (IEC 60127-6:2014)

**iTeh STANDARD PREVIEW**

Geräteschutzsicherungen - Teil 6: G-Sicherungshalter für G-Sicherungseinsätze (IEC 60127-6:2014)

[SIST EN 60127-6:2015](https://standards.iteh.ai/catalog/standards/sist/de506da2-1d65-4acf-b7eb-8ab0f7c4dc18/sist-en-60127-6-2015)

Coupe-circuits miniatures - Partie 6: Ensembles-porteurs pour cartouches de coupe-circuits miniatures (CEI 60127-6:2014)

**Ta slovenski standard je istoveten z: EN 60127-6:2014**

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**ICS:**

29.120.50

Varovalke in druga  
medtokovna zaščita

Fuses and other overcurrent  
protection devices

**SIST EN 60127-6:2015**

**en**

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EUROPEAN STANDARD

**EN 60127-6**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2014

ICS 29.120.50

Supersedes EN 60127-6:1994

English Version

**Miniature fuses - Part 6: Fuse-holders for miniature fuse-links  
(IEC 60127-6:2014)**

Coupe-circuits miniatures - Partie 6: Ensembles-porteurs  
pour cartouches de coupe-circuits miniatures  
(CEI 60127-6:2014)

Geräteschutzsicherungen -  
Teil 6: G-Sicherungshalter für G-Sicherungseinsätze  
(IEC 60127-6:2014)

This European Standard was approved by CENELEC on 2014-10-08. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard 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 CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Foreword

The text of document 32C/491/FDIS, future edition 2 of IEC 60127-6, prepared by SC 32C "Miniature fuses" of IEC/TC 32 "Fuses" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60127-6:2014.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2015-07-08
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-10-08

This document supersedes EN 60127-6:1994.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

## Endorsement notice

The text of the International Standard IEC 60127-6:2014 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60060-1:2010	NOTE	Harmonized as EN 60060-1:2010 (not modified).
IEC 60060-3:2006	NOTE	Harmonized as EN 60060-3:2006 (not modified).
IEC 60364-4-44:2007	NOTE	Harmonized as HD 60364-4-444:2010 and HD 60364-4-442:2012 (modified).
ISO 1302:2002	NOTE	Harmonized as EN ISO 1302:2002 (not modified).

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050	Series	International Electrotechnical Vocabulary	-	-
IEC 60068-1	2013	Environmental testing - Part 1: General and guidance	EN 60068-1	2014
IEC 60068-2-1	2007	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	2007
IEC 60068-2-2	2007	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	2007
IEC 60068-2-6	2007	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	2008
IEC 60068-2-20	2008	Environmental testing - Part 2-20: Tests - Test T: Test methods for solderability and resistance to soldering heat of devices with leads	EN 60068-2-20	2008
IEC 60068-2-21	2006	Environmental testing - Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices	EN 60068-2-21	2006
IEC 60068-2-27	2008	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	EN 60068-2-27	2009
IEC 60068-2-45 + A1	1980 1993	Basic environmental testing procedures - Part 2-45: Tests - Test XA and guidance: Immersion in cleaning solvents	EN 60068-2-45 + A1	1992 1993
IEC 60068-2-47	2005	Environmental testing - Part 2-47: Tests - Mounting of specimens for vibration, impact and similar dynamic tests	EN 60068-2-47	2005
IEC 60068-2-75	1997	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	1997 <sup>1)</sup>
IEC 60068-2-78	2012	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	2013

<sup>1)</sup> Superseded by EN 60068-2-75:2014 (IEC 60068-2-75:2014).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-3-4	2001	Environmental testing - Part 3-4: Supporting documentation and guidance - Damp heat tests	EN 60068-3-4	2002
IEC 60112	2003	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	EN 60112	2003
+ A1	2009		+ A1	2009
IEC 60127-1	2006	Miniature fuses - Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links	EN 60127-1	2006
+A1	2011		+A1	2011
IEC 60127-2	2003	Miniature fuses - Part 2: Cartridge fuse-links	EN 60127-2	2003
+A1	2003		+A1	2003
+A2	2010		+A2	2010
IEC 60127-3	1988	Miniature fuses - Part 3: Sub-miniature fuse-links	EN 60127-3	1996
			+ corr. June	1996
+A1	1991		-	-
+A2	2002		+A2	2003
IEC 60216-1	2013	Electrical insulating materials - Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results	EN 60216-1	2013
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
			+corr. May	1993
+A1	1999		+A1	2000
+A2	2013		+A2	2013
IEC 60664-1	2007	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	EN 60664-1	2007
IEC 60695-11-5	2004	Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance	EN 60695-11-5	2005
IEC 60695-2-12	2010	Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials	EN 60695-2-12	2010
+A1	2014		+A1	2014
IEC 60695-2-13	2010	Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials	EN 60695-2-13	2010
+A1	2014		+A1	2014
IEC 60999-1	1999	Connecting devices - Electrical copper conductors - Safety requirements for screw- type and screwless-type clamping units - Part 1: General requirements and particular requirements for clamping units for conductors from 0,2 mm <sup>2</sup> up to 35 mm <sup>2</sup> (included)	EN 60999-1	2000

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61140 +A1 (mod)	2001 2004	Protection against electric shock - Common aspects for installation and equipment	EN 61140 +A1	2002 2006
IEC 61210 (mod)	2010	Connecting devices - Flat quick-connect terminations for electrical copper conductors - Safety requirements	EN 61210	2010
ISO 3	1973	Preferred numbers; Series of preferred numbers	-	-

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Edition 2.0 2014-09

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Miniature fuses – iTeh STANDARD PREVIEW**  
**Part 6: Fuse-holders for miniature fuse-links**  
(standards.iteh.ai)

**Coupe-circuits miniatures – SIST EN 60127-6:2015**  
**Partie 6: Ensembles-porteurs pour cartouches de coupe-circuits miniatures**  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## MINIATURE FUSES –

## Part 6: Fuse-holders for miniature fuse-links

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60127-6 has been prepared by subcommittee 32C: Miniature fuses, of IEC technical committee 32: Fuses.

This second edition cancels and replaces the first edition published in 1994, its Amendment 1 (1996) and Amendment 2 (2002). This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) modify the arrangement of the fuse-holder samples in the planes in 13.1.1;
- b) add a new test 13.2.2: Glow-wire ignition test;
- c) change maximum gauge size for standard sheets 3 and 4 from 0,70 to 0,63 in table 5;
- d) change minimum gauge size for standard sheets 3 and 4 from 0,55 to 0,56 in table 5.

The text of this standard is based on the following documents:

FDIS	Report on voting
32C/491/FDIS	32C/497/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 60127 series, published under the general title *Miniature fuses*, can be found on the IEC website.

The committee has decided that the contents of this 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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