



**SLOVENSKI STANDARD**  
**SIST EN IEC 60127-6:2025**

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**Miniaturne varovalke - 6. del: Ohišja varovalk za miniaturne taljive vložke (IEC 60127-6:2023)**

Miniature fuses - Part 6: Fuse-holders for miniature fuse-links (IEC 60127-6:2023)

Geräteschutzsicherungen - Teil 6: G-Sicherungshalter für G-Sicherungseinsätze (IEC 60127-6:2023)

Coupe-circuit miniatures - Partie 6: Ensembles-porteurs pour cartouches de coupe-circuits miniatures (IEC 60127-6:2023)

**Ta slovenski standard je istoveten z: EN IEC 60127-6:2024**

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**ICS:**

29.120.50	Varovalke in druga nadtokovna zaščita	Fuses and other overcurrent protection devices
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NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 60127-6**

October 2024

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Supersedes EN 60127-6:2014

English Version

## Miniature fuses - Part 6: Fuse-holders for miniature fuse-links (IEC 60127-6:2023)

Coupe-circuit miniatures - Partie 6: Ensembles-porteurs  
pour cartouches de coupe-circuits miniatures  
(IEC 60127-6:2023)

Geräteschutzsicherungen - Teil 6: G-Sicherungshalter für  
G-Sicherungseinsätze  
(IEC 60127-6:2023)

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**EN IEC 60127-6:2024 (E)****European foreword**

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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) 2025-10-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-10-31

This document supersedes EN 60127-6:2014 and all of its amendments and corrigenda (if any).

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

- <https://standards.iteh.ai/catalog/standards/sist/495d82e2-0619-484c-9d54-7a5b98134077/sist-en-iec-60127-6-2025>
- IEC 60060-1:2010 NOTE Approved as EN 60060-1:2010 (not modified)
- IEC 60060-3:2006 NOTE Approved as EN 60060-3:2006 (not modified)
- IEC 60068-2-1:2007 NOTE Approved as EN 60068-2-1:2007 (not modified)
- IEC 60068-2-2:2007 NOTE Approved as EN 60068-2-2:2007 (not modified)
- IEC 60112:2020 NOTE Approved as EN IEC 60112:2020 (not modified)
- IEC 60269-1 NOTE Approved as EN 60269-1
- IEC 60364-4-44 NOTE Approved as HD 60364-4-444
- IEC 60695-2-11 NOTE Approved as EN IEC 60695-2-11
- IEC 61140 NOTE Approved as EN 61140

## Annex ZA (normative)

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

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where 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.cencenelec.eu](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-441	-	International Electrotechnical Vocabulary. - Switchgear, controlgear and fuses	-	-
IEC 60050-581	-	International Electrotechnical Vocabulary - - Part 581: Electromechanical components for electronic equipment	-	-
IEC 60068-1	2013	Environmental testing - Part 1: General and guidance	EN 60068-1	2014
IEC 60068-2-6	2007	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	2008
IEC 60068-2-20	2021	Environmental testing - Part 2-20: Tests - Test Ta and Tb: Test methods for solderability and resistance to soldering heat of devices with leads	EN IEC 60068-2-20	2021
IEC 60068-2-21	-	Environmental testing - Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices	EN IEC 60068-2-21	-
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	-	Basic environmental testing procedures - Part 2-45: Tests - Test XA and guidance: Immersion in cleaning solvents	EN 60068-2-45	-
IEC 60068-2-47	-	Environmental testing - Part 2-47: Test - Mounting of specimens for vibration, impact and similar dynamic tests	EN 60068-2-47	-
IEC 60068-2-75	-	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	-
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
+ A2	2015		+ A2	2015

**EN IEC 60127-6:2024 (E)**

IEC 60127-2	-	Miniature fuses - Part 2: Cartridge fuse-links	EN 60127-2	-
IEC 60127-3	2015	Miniature fuses - Part 3: Sub-miniature fuse-links	EN 60127-3	2015
IEC 60216-1	-	Electrical insulating materials - Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results	EN 60216-1	-
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
-	-		+ corrigendum May 1993	
IEC 60664-1	2020	Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests	EN IEC 60664-1	2020
IEC 60695-2-12	2021	Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials	EN IEC 60695-2-12	2021
IEC 60695-2-13	2021	Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials	EN IEC 60695-2-13	2021
IEC 60695-4	2012	Fire hazard testing - Part 4: Terminology concerning fire tests for electrotechnical products	EN 60695-4	2012
IEC 60695-11-5	2016	Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance	EN 60695-11-5	2017
IEC 60999-1	-	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	-
IEC 61210	-	Connecting devices - Flat quick-connect terminations for electrical copper conductors - Safety requirements	EN 61210	-



IEC 60127-6

Edition 3.0 2023-10

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Miniature fuses –  
Part 6: Fuse-holders for miniature fuse-links**

**Coupe-circuit miniatures –  
Partie 6: Ensembles-porteurs pour cartouches de coupe-circuits miniatures**

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## CONTENTS

FOREWORD.....	6
INTRODUCTION.....	8
1 Scope.....	9
2 Normative references .....	9
3 Terms and definitions .....	11
4 General requirements .....	15
5 Preferred ratings and classifications for fuse-holders.....	16
6 Marking .....	16
7 General notes on tests .....	17
7.1 Nature of tests .....	17
7.2 Standard atmospheric conditions for measurement and tests.....	17
7.3 Preconditioning of test samples .....	17
7.4 Nature of supply .....	17
7.5 Gauges for tests .....	17
7.5.1 Gauges according to IEC 60127-2 .....	17
7.5.2 Gauges according to IEC 60127-3 .....	19
8 Protection against electric shock .....	20
8.1 Category PC1: Fuse-holders without integral protection against electric shock.....	20
8.2 Category PC2: Fuse-holders with integral protection against electric shock .....	20
8.3 Category PC3: Fuse-holders with enhanced integral protection against electric shock.....	20
9 Clearances and creepage distances .....	21
9.1 General.....	21
9.2 Minimum requirements for fuse-holders in respect to the grade of insulation.....	21
9.3 Clearances .....	21
9.4 Creepage distances .....	23
10 Electrical requirements .....	24
10.1 Insulation resistance, dielectric strength and impulse withstand voltage.....	24
10.1.1 Mounting .....	24
10.1.2 Humidity preconditioning .....	24
10.1.3 Measurement of insulation resistance .....	25
10.1.4 Dielectric strength test.....	25
10.1.5 Impulse withstand voltage test.....	25
10.2 Contact resistance .....	26
10.2.1 General measuring requirements .....	26
10.2.2 Measuring cycle.....	26
11 Mechanical requirements.....	29
11.1 General.....	29
11.2 Mounting.....	29
11.3 Compatibility between fuse-holder and fuse-link .....	29
11.4 Mechanical strength of the connection between fuse-base and fuse-carrier .....	30
11.4.1 Screw and bayonet connections .....	30
11.4.2 Plug-in connection .....	30
11.5 Impact test.....	31
11.6 Mechanical strength of the fuse-holder fastening on panels .....	31



11.6.1	Fixing nut fastening .....	31
11.6.2	Fixing screw fastening .....	31
11.6.3	Snap-in fastening .....	32
11.7	Terminals of fuse-bases .....	33
11.7.1	Terminals with screw-type clamping or screwless-type clamping .....	33
11.7.2	Terminals for soldering .....	33
11.8	Resistance to vibration .....	36
11.8.1	General .....	36
11.8.2	Mounting .....	36
11.8.3	Measurement and requirements .....	37
12	Thermal requirements .....	37
12.1	Rated power acceptance test .....	37
12.1.1	General .....	37
12.1.2	Mounting .....	37
12.1.3	Dummy fuse-links .....	38
12.1.4	Measurement of maximum allowable temperatures on fuse-holders .....	42
12.1.5	Correlation between ambient air temperature $T_{A1}$ and the power acceptance of a fuse-holder .....	44
12.1.6	Temperature measuring point for ambient air temperature $T_{A1}$ .....	45
12.1.7	Test method .....	45
12.2	Resistance to abnormal heat and fire .....	46
12.2.1	Needle-flame test .....	46
12.2.2	Glow-wire ignition test .....	47
13	Endurance .....	47
13.1	General .....	47
13.2	Endurance test .....	47
13.3	Requirements .....	47
14	Additional requirements .....	48
14.1	Resistance to rusting .....	48
14.2	Resistance to cleaning solvents .....	48
Annex A (normative)	Test PC board for fuse-holders of rated currents up to 25 A .....	49
Annex B (normative)	Type tests, test sequences and number of samples .....	50
Annex C (informative)	Insulation coordination .....	51
C.1	Overvoltage categories .....	51
C.2	Degrees of pollution in the micro-environment .....	51
C.3	Comparative tracking index CTI .....	52
Annex D (informative)	Additional tests and requirements .....	53
D.1	General .....	53
D.2	Resistance to shock .....	53
D.2.1	General .....	53
D.2.2	Mounting .....	53
D.2.3	Measurement and requirements .....	53
D.3	Verification of the degree of protection of enclosures .....	53
D.4	Climatic category .....	54
D.4.1	General .....	54
D.4.2	Test conditions and requirements .....	54
Annex E (normative)	Information for the correct application of the fuse-holder .....	55
Bibliography	.....	56

Figure 1 – Outline of gauges and dummy fuse-links according to IEC 60127-2.....	18
Figure 2 – Outline of gauges and dummy fuse-links according to IEC 60127-3:2015, standard sheet 1.....	19
Figure 3 – Outline of gauges and dummy fuse-links according to IEC 60127-3:2015, standard sheets 3 and 4.....	19
Figure 4 – Panel mounting.....	24
Figure 5 – PC board mounting.....	24
Figure 6 – Test device for mechanical test.....	29
Figure 7 – Examples of snap-in fastening Fuse-holder on panels.....	32
Figure 8 – Tensile force test.....	36
Figure 9 – Compressive force test.....	36
Figure 10 – Example of test device.....	38
Figure 11 – IEC 60127-3:2015, Standard sheet 1.....	41
Figure 12 – IEC 60127-3:2015, Standard sheets 3 and 4.....	41
Figure 13 – Illustration of temperatures experienced in practice.....	43
Figure 14 – Example of a derating curve.....	46
Figure A.1 – Example of a test board.....	49
Table 1 – Features of unexposed or exposed fuse-holders.....	15
Table 2 – Values for preferred ratings and classifications.....	16
Table 3 – Dimensions and materials for gauges according to IEC 60127-2.....	18
Table 4 – Dimensions and materials for gauges according to IEC 60127-3.....	20
Table 5 – Types of insulation between different live parts and accessible parts.....	21
Table 6 – Required impulse withstand voltage for clearances.....	22
Table 7 – Minimum clearances in air under overvoltage category II II.....	22
Table 8 – Minimum clearances in air under overvoltage category II.....	23
Table 9 – Minimum creepage distances in millimetres for a microenvironment- dependent on rated voltage, pollution degree, insulating material, corresponding to IEC 60664-1:2020, Table F.5.....	23
Table 10 – Values for insulation resistance, dielectric strength and impulse withstand voltage.....	28
Table 11 – Values for torque and axial pull.....	30
Table 12 – Torque values.....	31
Table 13 – Torque values.....	32
Table 14 – Mounting groups.....	33
Table 15 – Cross-sections of conductors.....	34
Table 16 – Tensile and compressive forces.....	36
Table 17 – Dimensions and materials for dummy fuse-link according to IEC 60127-2.....	39
Table 18 – Dummy fuse-links according to IEC 60127-2.....	39
Table 19 – Dimensions and materials for dummy fuse-links according to IEC 60127-3.....	40
Table 20 – Dummy fuse-links according to IEC 60127-3.....	42
Table 21 – Maximum allowable temperatures.....	44
Table A.1 – Copper layer for test board.....	49
Table B.1 – Type tests, test sequences and number of samples.....	50

Table D.1 – Examples of climatic categories .....	54
Table E.1 – Information for the correct application of the fuse-holder .....	55

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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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IEC 60127-6 has been prepared by subcommittee 32C: Miniature fuses, of IEC technical committee 32: Fuses. It is an International Standard.

This third edition cancels and replaces the second edition published in 2014. This edition constitutes a technical revision.

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

- a) enhanced maximum rated current from 16 A to 25 A in Clause 1;
- b) adding of IEC 60127-4 and IEC 60127-7 in Clause 1;
- c) modification of marking position in Clause 6;
- d) modification of rated voltage, rated current and rated power acceptance in Table 2;
- e) modification of Table 5, Table 6, Table 7, Table 9, Table 16 and Table A.1.

The text of this International Standard is based on the following documents:

Draft	Report on voting
32C/620/FDIS	32C/623/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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 document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

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## INTRODUCTION

According to the wish expressed by the users of miniature fuses, all standards, recommendations and other documents relating to miniature fuses have the same publication number in order to facilitate reference to fuses in other specifications, for example, equipment specifications.

Furthermore, a single publication number and subdivision into parts would facilitate the establishment of new standards, because clauses and subclauses containing general requirements need not be repeated.

To this day, the IEC 60127 series, is thus subdivided as follows:

IEC 60127-1, *Miniature fuses – Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links*

IEC 60127-2, *Miniature fuses – Part 2: Cartridge fuse-links*

IEC 60127-3, *Miniature fuses Part 3: Sub-miniature fuse-links*

IEC 60127-4, *Miniature fuses – Part 4: Universal modular fuse-links (UMF) – Through-hole and surface mount types*

IEC 60127-5, *Miniature fuses – Part 5: Guidelines for quality assessment of miniature fuse-links*

IEC 60127-6, *Miniature fuses – Part 6: Fuse-holders for miniature fuse-links*

IEC 60127-7, *Miniature fuses – Part 7: Miniature fuse-links for special applications*

IEC 60127-8, *Miniature fuses – Part 8: Fuse resistors with particular overcurrent protection*

IEC 60127-10, *Miniature fuses – Part 10: User guide for miniature fuses*

This part of IEC 60127 covers requirements, test equipment and test methods for fuse-holders. It is a self-standing document, which refers back to IEC 60127-1 with regard to certain definitions and the atmospheric conditions for test. It also makes reference to other parts of the IEC 60127 series with regard to dimensions and maximum power losses of fuse-links.