SLOVENSKI STANDARD
SIST EN 60644:2010/A1:2020

01-julij-2020

Specifikacija visokonapetostnih taljivih vložkov za zaščito električnih motorjev (IEC 60644:2009/A1:2019)

Specification for high-voltage fuse-links for motor circuit applications (IEC 60644:2009/A1:2019)

Anforderungen für Hochspannungs-Sicherungseinsätze für Motorstromkreise (IEC 60644:2009/A1:2019)

Spécification relative aux éléments de remplacement à haute tension destinés à des circuits comprenant des moteurs (IEC 60644:2009/A1:2019)

Ta slovenski standard je istoveten z: **EN 60644:2009/A1:2019**

ICS:

29.120.50	Varovalke in druga nadtokovna zaščita	Fuses and other overcurrent protection devices

SIST EN 60644:2010/A1:2020 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60644:2009/A1

November 2019

ICS 29.120.50

English Version

Specification for high-voltage fuse-links for motor circuit applications (IEC 60644:2009/A1:2019)

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(IEC 60644:2009/A1:2019)

This amendment A1 modifies the European Standard EN 60644:2009; it was approved by CENELEC on 28 October 2019. CEN and 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 CEN-CENELEC Management Centre or to any CEN and 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 CEN and CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN and CENELEC members are the national standards bodies and national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 32A/340/CDV, future IEC 60644/A1, prepared by SC 32A "High-voltage fuses" of IEC/TC 32 "Fuses" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60644:2009/A1:2019.

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)	2020-07-28
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2022-10-28

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

Endorsement notice

The text of the International Standard IEC 60644:2009/A1:2019 was approved by CENELEC as a European Standard without any modification.

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.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60282-1	2009	High-voltage fuses - Part 1: Current-limiting fuses	EN 60282-1	2009
+ A1	2014		+ A1	2014
IEC/TR 62655	2013	Tutorial and application guide for high-voltage fuses	-	-

IEC 60644

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Specification for high-voltage fuse-links for motor circuit applications

Spécification relative aux éléments de remplacement à haute tension destinés à des circuits comprenant des moteurs

INTERNATIONAL
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FOREWORD

This amendment has been prepared by subcommittee 32A: High-voltage Fuses, of IEC technical committee 32: Fuses.

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

CDV	Report on voting
32A/340/CDV	32A/343/RVC

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 this amendment and the base 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.

1 Scope

Replace the existing text of Clause 1 by the following new text:

This document applies to fuse-links complying with IEC 60282-1 that are used with motors started direct-on-line on alternating current systems of 50 Hz and 60 Hz.

Fuse-links according to this document are intended to withstand normal service conditions and motor starting pulses.

The purpose of this document is to standardize time-current characteristics and to formulate pulse withstand requirements regarding testing.

This document also applies to fuse-links used with motors that use assisted starting when appropriate care has been taken with selecting the rated current of the fuse-link (using advice from 5.2.3 of IEC TR 62655:2013 and from the fuse manufacturer).

2 Normative references

Replace the existing text of Clause 2 by the following new text:

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.

IEC 60282-1:2009, *High-voltage fuses – Part 1: Current-limiting fuses*
IEC 60262-1:2009/AMD1:2014