



SLOVENSKI STANDARD SIST EN IEC 60269-4:2025

01-oktober-2025

Nizkonapetostne varovalke - 4. del: Dodatne zahteve za taljive vložke za zaščito polprevodniških naprav

Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices

Niederspannungssicherungen - Teil 4: Zusätzliche Anforderungen an Sicherungseinsätze zum Schutz von Halbleiter-Bauelementen

Fusibles basse tension - Partie 4: Exigences supplémentaires concernant les éléments de remplacement utilisés pour la protection des dispositifs à semiconducteurs

Ta slovenski standard je istoveten z: **EN IEC 60269-4:2025**

[SIST EN IEC 60269-4:2025](https://standards.slovenski-institut.si/standards/sist/17316/776-1242-4586-96a1-41835661831/sist-en-iec-60269-4-2025)

<https://standards.slovenski-institut.si/standards/sist/17316/776-1242-4586-96a1-41835661831/sist-en-iec-60269-4-2025>

ICS:

29.120.50

Varovalke in druga
nadtokovna zaščita

Fuses and other overcurrent
protection devices

SIST EN IEC 60269-4:2025

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60269-4

June 2025

ICS 29.120.50

Supersedes EN 60269-4:2009; EN 60269-4:2009/A1:2012; EN 60269-4:2009/A2:2016

English Version

Low-voltage fuses - Part 4: Supplementary requirements for
fuse-links for the protection of semiconductor devices
(IEC 60269-4:2024)

Fusibles basse tension - Partie 4: Exigences
supplémentaires concernant les éléments de remplacement
utilisés pour la protection des dispositifs à semiconducteurs
(IEC 60269-4:2024)

Niederspannungssicherungen - Teil 4: Zusätzliche
Anforderungen an Sicherungseinsätze zum Schutz von
Halbleiter-Bauelementen
(IEC 60269-4:2024)

This European Standard was approved by CENELEC on 2024-10-16. 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: Rue de la Science 23, B-1040 Brussels

EN IEC 60269-4:2025 (E)**European foreword**

The text of document 32B/746/FDIS, future edition 6 of IEC 60269-4, prepared by SC 32B "Low-voltage fuses" of IEC/TC 32 "Fuses" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60269-4:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-06-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-06-30 document have to be withdrawn

This document supersedes EN 60269-4:2009 and all of its amendments and corrigenda (if any).

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This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

(<https://standards.iteh.ai>)
Endorsement notice
 Document Preview

The text of the International Standard IEC 60269-4:2024 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 standard indicated:

IEC 60269-6:2010	NOTE Approved as EN 60269-6:2011 (not modified)
IEC 60269-6:2010/A1:2021	NOTE Approved as EN 60269-6:2011/A1:2023 (not modified)
IEC 60269-7:2021	NOTE Approved as EN IEC 60269-7:2024 (not modified)
IEC 60664-1:2020	NOTE Approved as EN IEC 60664-1:2020 (not modified)

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60269-1	2024	Low-voltage fuses - Part 1: General requirements	EN IEC 60269-1	2025
IEC 60269-2 (mod)	2013	Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to K	HD 60269-2	2013
+ A1	2016		+ A1	2022
+ A2	2024		+ A2	2024
IEC/TR 60269-5	2014	Low-voltage fuses - Part 5: Guidance for the application of low-voltage fuses	-	-
+ A1	2020		-	-
IEC 60417	-	Graphical symbols for use on equipment. Index, survey and compilation of the single sheets.	-	-
ISO 3	-	Preferred numbers - Series of preferred numbers	-	-



IEC 60269-4

Edition 6.0 2024-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Low-voltage fuses –
Part 4: Supplementary requirements for fuse-links for the protection of
semiconductor devices

Fusibles basse tension –
Partie 4: Exigences supplémentaires concernant les éléments de remplacement
utilisés pour la protection des dispositifs à semiconducteurs

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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INTERNATIONALE

ICS 29.120.50

ISBN 978-2-8322-8933-4

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