

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**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**



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Switzerland  
Email: [inmail@iec.ch](mailto:inmail@iec.ch)  
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**LOW-VOLTAGE FUSES –**

**Part 4: Supplementary requirements for fuse-links  
for the protection of semiconductor devices**

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International Standard IEC 60269-4 has been prepared by subcommittee 32B: Low-voltage fuses, of IEC technical committee 32: Fuses.

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

FDIS	Report on voting
32B/535/FDIS	32B/541/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 fifth edition cancels and replaces the fourth edition published in 2006. It constitutes a technical revision. The significant technical changes to the fourth edition are:

- the introduction of voltage source inverter fuse-links, including test requirements;

- coverage of the tests on operating characteristics for a.c. by the breaking capacity tests;
- the updating of examples of standardised fuse-links for the protection of semiconductor devices.

This part is to be used in conjunction with IEC 60269-1:2006, *Low-voltage fuses – Part 1: General requirements*.

This Part 4 supplements or modifies the corresponding clauses or subclauses of Part 1.

Where no change is necessary, this Part 4 indicates that the relevant clause or subclause applies.

Tables and figures which are additional to those in Part 1 are numbered starting from 101.

Additional annexes are lettered AA, BB, etc.

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

A list of all parts of the IEC 60269 series, under the general title: *Low-voltage fuses*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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

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