AS 60269.2.0—2005
IEC 60269-2, Ed.2.0 (1986)

AS 60269.2.0—2005

Australian Standard™

Low-voltage fuses

Part 2.0: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)

STANDARDS AUSTRALIA

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Australian Standard™

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Part 2.0: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)

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PREFACE

This Standard was prepared by the Standards Australia Committee EL-007, Power Switchgear to supersede AS/NZS 60269.2.0:2000.

The objective of this Standard is to provide supplementary requirements for those stated in AS 60269.1 for fuses designed for use in installations where the fuse-links are accessible to, and may be replaced by, authorized persons only.

This Standard is Part 2.0 of a series which, when complete, will consist of the following:

AS		
60269	Low-voltage fuses	
60269.1	Part 1:	General requirements
60269.2.0	Part 2.0:	Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) (this Standard)
60269.2.1	Part 2.1:	Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)—Sections I to VI: Examples of types of standardized fuses
60269.3.0	Part 3.0:	Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications)
60269.3.1	Part 3.1:	Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications)—Sections I to IV: Examples of types of standardized fuses
60269.4.0	Part 4.0:	Supplementary requirements for fuse-links for the protection of semiconductor devices
60269.4.1	Part 4.1:	Supplementary requirements for fuse-links for the protection of semiconductor devices—Sections I to III: Examples of types of standardized fuse-links

This Standard is identical with, and has been reproduced from, IEC 60269-2, Ed.2.0(1986), *Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)* incorporating its Amendment 1:1995, Amendment 2:2001 and Corrigendum 1996.

This Standard differs from the Standard it supersedes in the following major areas:

(a) Standard is now Australian only to reflect the withdrawal of New Zealand participation in Committee EL-007.

(b) Table D has been added.

In view of the fact that this Standard should be read together with AS 60269.1, *Low-voltage fuses*, Part 1: *General requirements*, the numbering of its clauses and sub-clauses is made to correspond to the latter. Regarding the tables, their numbering also corresponds to that of AS 60269.1, however, when additional tables appear, they are referred to by capital letters, for example, Table A, Table B, etc.

As this Standard is reproduced from an International Standard, the following applies:

(i) Its number does not appear on each page of text and its identity is shown only on the cover and title page.

(ii) In the source text ‘this international standard’ should read ‘this Australian Standard’.

(iii) A full point should be substituted for a comma when referring to a decimal marker.

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STANDARDS AUSTRALIA

Australian Standard

Low-voltage fuses
Part 2.0: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)

1 General

Fuses for use by authorized persons• shall comply with all the requirements of IEC Publication 60269-1, unless otherwise indicated hereinafter, and shall also comply with the supplementary requirements laid down below.

Note. - If fuses that are designed for use by authorized persons are intended to be used by unskilled persons they should also comply with the requirements of IEC Publication 60269-3.

1.1 Scope

These supplementary requirements apply to fuses for use by authorized persons.

Fuses for use by authorized persons are generally designed to be used in installations where the fuse-links are accessible to, and may be replaced by, authorized persons only.

1.2 Object

The following characteristics of fuses are specified in addition to IEC Publication 60269-1:

- minimum rated breaking capacities;
- time-current characteristics;
- I^2t characteristics;
- standard conditions of construction;
- power dissipation and acceptance.

1.3 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 60269. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 60269 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below:

References to International Standards that are struck through in this Clause are replaced by references to equivalent Australian Standards that are listed immediately thereafter and identified by shading. Any Australian Standard that is identical to the International Standard it replaces is appropriately identified.

~~IEC 60269-1, *Low-voltage fuses – Part 1: General requirements*~~

AS 60269.1, *Low-voltage fuses, Part 1: General requirements* (identical to IEC 60269-1)

• See AS 60269.1, Sub-clause 2.2.11.

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