

Australian Standard[®]

Low voltage fuses—Fuses with enclosed fuse-links

Part 21.2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)—Standardized fuse systems—Fuses with fuse-links for bolted connections

This Australian Standard was prepared by Committee EL/6, Industrial Switchgear and Controlgear. It was approved on behalf of the Council of Standards Australia on 2 April 1990 and published on 6 August 1990.

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Australian-British Chamber of Commerce
Australian Electrical and Electronic Manufacturers Association
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Electrical Contractors Association of Australia
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PREFACE

This Standard was prepared by the Standards Australia Committee on Industrial Switchgear and Controlgear as the third of four Standards to supersede AS 2005.2—1977, *Fuses with enclosed fuse-links (up to and including 1000 V a.c. and 1500 V d.c.)*, Part 2: *Fuses for industrial application*.

The requirements of this Standard apply to standardized fuse systems for fuses with fuse-links for bolted connections. It is intended to be read in conjunction with AS 2005.10 and AS 2005.20:

Low voltage fuses—Fuses with enclosed fuse-links

Part 10: *General requirements*; and

Part 20: *Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)—Common requirements*

This Standard is based on IEC 269-2-1, *Low-voltage fuses*, Part 2: *Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)*, Section II, and on IEC document 32B (Secretariat) 102.

The clauses of this Standard cover only requirements different from or supplementary to those in AS 2005.10 and AS 2005.20 and so the clause numbering is not continuous but relates directly to the above Standards.

Where this Standard deviates technically from IEC 269-2-1, Section II, a rule is inserted in the margin against the clause, table, figure or part thereof affected.

A summary of such deviations including any omissions and significant editorial rearrangements is given in Appendix A.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE AND APPLICATION.

1.1.1 Scope. The supplementary requirements in this Standard cover fuses with fuse-links having bolted connections. Such fuses have rated currents up to and including 1 250 A and rated voltages up to and including 660 V a.c. or up to and including 500 V d.c.

1.1.2 Application. Standardized fuse systems for use by authorized persons according to this Standard shall also comply with all clauses of AS 2005.10 and AS 2005.20, unless otherwise specified herein.

NOTE: The clause numbers and table numbers in this Standard are the same as those used in AS 2005.10 and AS 2005.20. Clauses of AS 2005.10 and AS 2995.20, not amended herein, are not repeated in this Standard.

1.3 REFERENCED DOCUMENTS. The documents below are referred to in this Standard.

AS

1939 Classification of degrees of protection provided by enclosures of electrical equipment

2005 Low voltage fuses—Fuses with enclosed fuse-links

2005.10 Part 10: General requirements

2005.20 Part 20: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial applications)—Common requirements

IEC

269 Low voltage fuses

269-2-1 Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) Sections I to III