AS 2005.21.1—1990

Australian Standard®

Low voltage fuses—Fuses with enclosed fuse–links

Part 21.1: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)—Standardized fuse systems—Fuses with fuse–links with blade contacts

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Australian–British Chamber of Commerce

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Electricity Supply Association of Australia

Independent Electrical Switchboard Manufacturers Association

Institution of Engineers, Australia

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Workcover Authority, NSW

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PREFACE

This Standard was prepared by the Standards Australia Committee on Industrial Switchgear and Controlgear as the second of three 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 with blade contacts. The clause numbering of this Standard is in line 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*

However, 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.

Statements expressed in mandatory terms in Notes to figures are deemed to be requirements of this Standard.

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 I, *Fuses with fuse–links with blade contacts*, and on IEC document 32B (Secretariat) 102.

Where this Standard deviates technically from IEC 269–2–1, Section I, 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 AUSTRALIA

Australian Standard

Low voltage fuses–Fuses with enclosed fuse-links

Part 21.1 — Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) — Standarized fuse systems — Fuses with fuse-links with blade contacts

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 blade contacts intended to be replaced by means of a device, for example a replacement handle, which complies with the dimensions specified in Figures 2 and 3. Such fuses have rated currents from 16 A up to and including 1250 A and rated voltages up to and including 660 V a.c. or 440 V d.c.

1.1.2 Application. Standardized fuse systems for use by authorized persons which comply with 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. Additional tables herein are numbered 10 to 17 to distinguish them from the table numbers in AS 2005.10 and AS 2005.20. Sections and Clauses of AS 2005.10 and AS 2005.20 not amended herein are not repeated in this Standard.

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

AS
1110 ISO metric hexagon precision bolts and screws

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

3000 SAA Wiring Rules

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