MALAYSIAN STANDARD

MS IEC 60269-2:2011

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 I (FIRST REVISION) (IEC 60269-2:2006, IDT)

ICS: 29.120.50

Descriptors: fuses, overcurrent protection devices,industrial application

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Committee representation

The Industry Standards Committee on Generation, Transmission and Distribution of Electrical Energy (ISC E) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Department of Standards Malaysia
Federation of Malaysian Manufacturers
Jabatan Kerja Raya Malaysia
Malaysian Association of Standards Users
Malaysian Cable Manufacturers Association
Malaysian Communications and Multimedia Commission
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Persatuan Penjana Kuasa Bebas
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Suruhanjaya Tenaga
Tenaga Nasional Berhad
The Electrical and Electronics Association of Malaysia
The Institution of Engineers, Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Low Voltage Switchgear, Controlgear and Wiring Accessories which supervised the adoption of the IEC Standard as Malaysian Standard consists of representatives from the following organisations:

ABB Malaysia Sdn Bhd
Association of Consulting Engineers Malaysia
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Clipsal International Pte Ltd
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Megapower Manufacturing (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Suruhanjaya Tenaga
Tenaga Nasional Berhad (Distribution Division)
The Electrical and Electronics Association of Malaysia
TNB Research Sdn Bhd
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The Working Group on Low Voltage Fuses which recommended the adoption of the IEC Standard as Malaysian Standard consists of representatives from the following organisations:

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Clipsal International Pte Ltd
Eaton Electric Switchgear Sdn Bhd
FG Electric (M) Sdn Bhd
Flexicon Marketing Sdn Bhd
Jabatan Kerja Raya Malaysia
PLK Electrical Accessories Manufacturer Sdn Bhd
Schneider Electric Industries (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Suruhanjaya Tenaga
Tenaga Nasional Berhad (Distribution Division)
Time Era Sdn Bhd
UNH Engineering Sdn Bhd

NATIONAL FOREWORD

The adoption of the IEC Standard as a Malaysian Standard was recommended by the Working Group on Low Voltage Fuses under the authority of the Industry Standards Committee on Generation, Transmission and Distribution of Electrical Energy.

This Malaysian Standard is the first revision of MS IEC 60269-2, *Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)* and MS IEC 60269-2-1, *Low-voltage fuses - Part 2-1: Supplementary Requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Section I to VI: Examples of types of standardized fuses.*

This Malaysian Standard is identical with IEC 60269-2:2006, *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 I*, published by the International Electrotechnical Commission (IEC). However, for the purposes of this Malaysian Standard, the following apply:

a) in the source text, "this International Standard" should read "this Malaysian Standard";

b) the comma which is used as a decimal sign (if any), to read as a point; and

c) reference to International Standards should be replaced by corresponding Malaysian Standards as follows:

Referenced International Standards	Corresponding Malaysian Standards
IEC 60269-1: *Low-voltage fuses - Part 1: General requirements*	MS IEC 60269-1: *Low-voltage fuses - Part 1: General requirements*

This Malaysian Standard cancels and replaces MS IEC 60269-2:2005 and MS IEC 60269-2-1:2003.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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 I

FOREWORD

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International Standard IEC 60269-2 has been prepared by subcommittee 32B: Low-voltage fuses, of IEC technical committee 32: Fuses.

This third edition cancels and replaces the second edition published in 1986, Amendment 1 (1995) and Amendment 2 (2001) as well as IEC 60269-2-1 (2004) and constitutes a minor revision.

The general re-organization of the IEC 60269 series has led to the creation of this new edition.

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

This Part 2 supplements or modifies the corresponding clauses or subclauses of Part 1.

Where no change is necessary, this Part 2 indicates that the relevant clause or subclause applies.

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

The text of this standard is based on following documents:

FDIS	Report on voting
32B/487/FDIS	32B/493/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.

IEC 60269 consists of the following parts, under the general title *Low-voltage fuses*:

Part 1: General requirements

NOTE This part includes IEC 60269-1 (third edition, 1998) and parts of IEC 60269-2 (second edition, 1986) and IEC 60269-3 (second edition, 1987).

Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) – Examples of standardized systems of fuses A to I

NOTE This part includes parts of IEC 60269-2 (second edition, 1986) and all of IEC 60269-2-1 (fourth edition, 2004).

Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household or similar application) – Examples of standardized systems of fuses A to F

NOTE This part includes parts of IEC 60269-3 (second edition, 1987) and all of IEC 60269-3-1 (second edition, 2004).

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

NOTE This part includes IEC 60269-4 (third edition, 1986) and IEC 60269-4-1 (first edition, 2002).

Part 5: Guidance for the application of low-voltage fuses

NOTE Currently IEC/TR 61818 (2003).

For reasons of convenience, when a part of this publication has come from other publications, a remark to this effect has been inserted in the text.

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

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.