

**Madalpingelised sulavkaitsmed. Osa 1:
Üldnõuded**

Low-voltage fuses - Part 1: General requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 60269-1:2001 sisaldab Euroopa standardi EN 60269-1:1998 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 19.06.2001 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 60269-1:2001 consists of the English text of the European standard EN 60269-1:1998.

This standard is ratified with the order of Estonian Centre for Standardisation dated 19.06.2001 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

ICS 29.120.50

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Descriptors: Electrical equipment, low-voltage switchgear, low-voltage fuses, characteristics, test

English version

Low-voltage fuses
Part 1: General requirements
(IEC 60269-1:1998)

Fusibles basse tension
Partie 1: Règles générales
(CEI 60269-1:1998)

Niederspannungssicherungen
Teil 1: Allgemeine Anforderungen
(IEC 60269-1:1998)

This European Standard was approved by CENELEC on 1998-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 32B/308/FDIS, future amendment to IEC 60269-1:1986, prepared by SC 32B, Low-voltage fuses, of IEC TC 32, Fuses, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A3 to EN 60269-1:1989 on 1998-10-01.

The text of this document, together with that of IEC 60269-1:1986 and its amendments 1:1994 and 2:1995, was published by IEC as the third edition of IEC 60269-1 in December 1998. According to a decision of principle taken by the Technical Board of CENELEC, the approval of EN 60269-1:1989/A3 has been converted into the approval of a new EN 60269-1.

This European Standard supersedes EN 60269-1:1989 + A1:1994 + A2:1998.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1999-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-07-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annexes A, B, C and D are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60269-1:1998 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60038 (mod)	1983	IEC standard voltages ¹⁾	HD 472 S1	1989
IEC 60050(441)	1984	International Electrotechnical Vocabulary (IEV) Chapter 44: Switchgear, controlgear and fuses	-	-
IEC 60127	series	Miniature fuses	EN 60127	series
IEC 60269-2	1986	Low-voltage fuses Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)	EN 60269-2	1995
IEC 60291	1969	Fuse definitions	-	-
IEC 60291A	1974	First supplement	-	-
IEC 60364-3 (mod)	1993	Electrical installations of buildings Part 3: Assessment of general characteristics	HD 384.3 S2	1995
IEC 60364-5-523 (mod)	1983	Part 5: Selection and erection of electrical equipment Chapter 52: Wiring systems Section 523: Current-carrying capacities	HD 384.5.523 S1	1991
IEC 60417	1973	Graphical symbols for use on equipment Index, survey and compilation of the single sheets	HD 243 S12 ²⁾	1995

1) The title of HD 472 S1 is: *Nominal voltages for low-voltage public electricity supply systems*.

2) HD 243 S12 includes supplements A:1974 to M:1994 to IEC 60417.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 1993
IEC 60584-1	1995	Thermocouples Part 1: Reference tables	EN 60584-1	1995
IEC 60695-2-1/0	1994	Fire hazard testing Part 2: Test methods Section 1/sheet 0: Glow-wire test methods General	EN 60695-2-1/0	1996
IEC 60695-2-1/1 + corr. May	1994 1995	Section 1/sheet 1: Glow-wire end-product test and guidance	EN 60695-2-1/1	1996
IEC 60695-2-1/2	1994	Section 1/sheet 2: Glow-wire flammability test on materials	EN 60695-2-1/2	1996
IEC 60695-2-1/3	1994	Section 1/sheet 3: Glow-wire ignitability test on materials	EN 60695-2-1/3	1996
IEC 60947-3 + corr. December A1 A2	1990 1991 1994 1997	Low-voltage switchgear and controlgear Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units	EN 60947-3 + corr. June A1 + corr. June A2	1992 1997 1995 1997 1997
ISO 3	1973	Preferred numbers - Series of preferred numbers	-	-
ISO 478	1974	Paper - Untrimmed stock sizes for the ISO-A series - ISO primary range	-	-
ISO 593	1974	Paper - Untrimmed stock size for the ISO-A series - ISO supplementary range	-	-
ISO 4046	1978	Paper, board, pulp and related terms Vocabulary	-	-