
Niskonapetostne varovalke – 3-1. del: Dodatne zahteve za varovalke, ki jih uporabljajo nestrokovne osebe (uporaba varovalk zlasti v gospodinjstvu in podobnih okoljih) – Razdelki od I do IV: Primeri tipov standardiziranih varovalk (IEC 60269-3-1:2004, spremenjen)

(istoveten HD 60269-3-1:2004)

Low-voltage fuses - 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 (IEC 60269-3-1:2004, modified)

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English version

Low-voltage fuses
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
 (IEC 60269-3-1:2004, modified)

Fusibles basse tension
 Partie 3-1: Règles supplémentaires
 pour les fusibles destinés à être utilisés
 par des personnes non qualifiées
 (fusibles pour usages essentiellement
 domestiques et analogues)
 Sections I à IV: Exemples de types
 de fusibles normalisés
 (CEI 60269-3-1:2004, modifiée)

Niederspannungssicherungen
 Teil 3-1: Zusätzliche Anforderungen
 an Sicherungen zum Gebrauch durch Laien
 (Sicherungen überwiegend
 für Hausinstallationen
 und ähnliche Anwendungen)
 Hauptabschnitte I bis IV: Beispiele
 von genormten Sicherungstypen
 (IEC 60269-3-1:2004, modifiziert)

This Harmonization Document was approved by CENELEC on 2004-11-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

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

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 the International Standard IEC 60269-3-1:2004, prepared by SC 32B, Low-voltage fuses, of IEC TC 32, Fuses, together with the common modifications prepared by the CENELEC Reporting Secretariat SR 32B, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as HD 60269-3-1 on 2004-11-01.

This Harmonization Document supersedes HD 630.3.1 S3:2002.

It includes the following significant technical change:

- introduction of preferred rated currents 3 A and 13 A in section IV (BS plugtop fuse system).

This Harmonization Document is to be read in conjunction with EN 60269-1 and EN 60269-3.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level (doa) 2005-05-01
- latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 2005-11-01
- latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 2007-11-01

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 60269-3-1:2004 was approved by CENELEC as a Harmonization Document with agreed common modifications as given below.

COMMON MODIFICATIONS

1 General

Replace note 2 by:

NOTE 2 The following fuse systems are standardized systems in respect to their safety aspects. The National Committees shall select at least one complete section of this standard for their standards. Colour codes are not specified for each fuse system. Where colour codes are indicated, they apply only to that particular fuse system.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

<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 60664	Series	Insulation coordination for equipment within low-voltage systems	EN 60664	Series
IEC 60898	Series	Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations	EN 60898	Series
IEC 60999	Series	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units	EN 60999	Series
ISO 228-1	- ¹⁾	Pipe threads where pressure-tight joints are not made on the threads Part 1: Dimensions, tolerances and designation	-	-
ISO 228-2	- ¹⁾	Part 2: Verification by means of limit gauges	-	-
ISO 965-1	1998	ISO general-purpose metric screw threads - Tolerances Part 1: Principles and basic data	-	-

¹⁾ Undated reference.

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60269-3-1

Deuxième édition
Second edition
2004-07

Fusibles basse tension –

Partie 3-1:

**Règles supplémentaires pour les fusibles destinés
à être utilisés par des personnes non qualifiées**

**(fusibles pour usages essentiellement
domestiques et analogues) –**

**Sections I à IV: Exemples de types de fusibles
normalisés**

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Low-voltage fuses –

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**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LOW-VOLTAGE FUSES –**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**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60269-3-1 has been prepared by subcommittee 32B: Low-voltage fuses, of IEC technical committee 32: Fuses.

This second edition of IEC 60269-3-1 cancels and replaces the first edition published in 1994, amendment 1 (1995) and amendment 2 (2001) and constitutes a major revision.

The document 32B/448/FDIS, circulated to the National Committees as amendment 3, led to the publication of the new edition.

This edition includes the following significant technical changes with respect to the previous edition:

- introduction of push-in gauge-rings in addition to screw-in gauge-rings in section I (D type fuse-system);
- addition of a special test for cable overload protection in the informative annex A of section I (D type fuse-system);
- introduction of preferred rated currents 3 A and 13 A in section IV (BS plugtop fuse system).

The text of this standard is based on the first edition, its amendment 1, amendment 2 and on the following documents:

FDIS	Report on voting
32B/448/FDIS	32B/450/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 1:1986, General requirements

Part 2:1986, Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)

Part 3:1987, Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar application)

Part 4:1986, Supplementary requirements for fuse-links for the protection of semiconductor devices

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The committee has decided that the contents of this publication will remain unchanged until the maintenance result date¹ 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.

¹ The National Committees are requested to note that for this publication the maintenance result date is 2006.