

**SLOVENSKI STANDARD  
SIST HD 630.3.1 S2:1998****01-april-1998**

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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 (IEC 60269-3-1:1994 + A1:1995, modified)**

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

Niederspannungssicherungen (D-System) -- Teil 3-1: Zusätzliche Anforderungen an Sicherungen zum Gebrauch durch Laien (Sicherungen überwiegend für Hausinstallationen und ähnliche Anwendungen) -- Hauptabschnitte I bis IV

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

**Ta slovenski standard je istoveten z: HD 630.3.1 S2:1997**

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**ICS:**

29.120.50	Xæ[ çæ ^ Å Æ Æ i ~ * æ { ^ å ç \ [ ç } æ Å æ æ æ	Fuses and other overcurrent protection devices
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**SIST HD 630.3.1 S2:1998****en**

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**(standards.iteh.ai)**

[SIST HD 630.3.1 S2:1998](#)

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HARMONIZATION DOCUMENT

HD 630.3.1 S2

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May 1997

ICS 29.120.50

Supersedes HD 630.3.1 S1:1996

Descriptors: Low-voltage fuses, household applications, supplementary requirements, unskilled persons, D-type fuses, cylindrical fuses, pin-type fuses, cylindrical fuse-links

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

(IEC 269-3-1:1994 + A1:1995, 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

(CEI 269-3-1:1994 + A1:1995, modifiée)

Niederspannungssicherungen

(D-System)

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(Sicherungen überwiegend für Hausinstallationen und ähnliche

Anwendungen)

Hauptabschnitte I bis IV

(IEC 269-3-1:1994 + A1:1995, modifiziert)

This Harmonization Document was approved by CENELEC on 1997-03-11. 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, 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

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Ref. No. HD 630.3.1 S2:1997 E

### Foreword

The text of the International Standard IEC 269-3-1:1994 and its amendment 1:1995, prepared by SC 32B, Low-voltage fuses, of IEC TC 32, Fuses, together with common modifications prepared by BTTF 56-2, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as HD 630.3.1 S2 on 1997-03-11.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level (doa) 1997-09-01
- latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 1997-12-01
- latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 1997-12-01

For products which have complied with HD 630.3.1 S1:1996 before 1997-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2002-12-01.

This part 3.1 of HD 630 is to be used in conjunction with EN 60269-1:1989 and EN 60269-3:1995.

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 annex A is informative. Annex ZA has been added by CENELEC.

### Endorsement notice

The text of the International Standard IEC 269-3-1:1994 and its amendment 1:1995 was approved by CENELEC as a Harmonization Document with agreed common modifications as given below.

### COMMON MODIFICATIONS

#### 1 General

Replace note 2 by:

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.

## 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
IEC 664	series	Insulation coordination for equipment within low-voltage systems	HD 625	series
IEC 898 (mod)	1987	Circuit-breakers for overcurrent protection for household and similar installations	EN 60898 <sup>1)</sup> + corr. October + A11 + A12 + A13 + A14 + A15 + A16	1991 1991 1994 1995 1995 1995 1995 1996
IEC 999-1 (mod)	1990	Connecting devices - Safety requirements for screw-type and screwless-type clamping units for electrical copper conductors Part 1: General requirements and particular requirements for conductors from 0,5 mm <sup>2</sup> up to 35 mm <sup>2</sup> (included)	EN 60999-1 + corr. March	1993 1997

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<https://standards.iteh.ai/catalog/standards/sist/e35fd57d-0df2-4e7c-a7e9-7a19f5b408a5/sist-hd-630-3-1-s2-1998>

1) EN 60898 includes corrigendum May 1988 + A2:1990 + A3:1990 + corrigendum August 1990 to IEC 898.

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INTERNATIONALE  
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IEC  
269-3-1

Première édition  
First edition  
1994-08

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**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

[SIST HD 630.3.1 S2:1998](https://standards.iteh.ai/catalog/standards/sist/e35fd57d-0df2-4e7c-a7e9-7a19f5b408a5/sist-hd-630-3-1-s2-1998)

[https://standards.iteh.ai/catalog/standards/sist/e35fd57d-0df2-4e7c-a7e9-](https://standards.iteh.ai/catalog/standards/sist/e35fd57d-0df2-4e7c-a7e9-7a19f5b408a5/sist-hd-630-3-1-s2-1998)

[7a19f5b408a5/sist-hd-630-3-1-s2-1998](https://standards.iteh.ai/catalog/standards/sist/e35fd57d-0df2-4e7c-a7e9-7a19f5b408a5/sist-hd-630-3-1-s2-1998)

**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

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International Electrotechnical Commission  
Международная Электротехническая Комиссия

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Pour prix, voir catalogue en vigueur  
For price, see current catalogue

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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

## FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. 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. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.

International Standard IEC 269-3-1 has been prepared by sub-committee 32B: Low-voltage fuses, of IEC technical committee 32: Fuses.

This edition cancels and replaces the first edition of IEC 269-3A published in 1978.

The text of this standard is based on the following documents:

Six Months' Rule/ DIS	Reports on voting	Two Months' Procedure/ Amendment to DIS	Reports on voting
32B(CO)69	32B(CO)71	32B(CO)74 32B(CO)75 32B(CO)76 32B(CO)77 32B(CO)78 32B(CO)79 32B(CO)89	32B(CO)82 and 82A 32B(CO)83 and 83A 32B(CO)84 and 84A 32B(CO)85 and 85A 32B(CO)86 and 86A 32B(CO)87 and 87A 32B(CO)98
32B(CO)73 32B(CO)88 and 88A 32B(CO)91 32B(CO)92 32B(CO)93 32B(CO)96	32B(CO)81 32B(CO)97 32B(CO)99 32B(CO)100 32B(CO)101 32B(CO)104		

Full information on the voting for the approval of this standard can be found in the reports on voting indicated in the above table.

IEC 269 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*