SLOVENSKI STANDARD
SIST EN 60644:1995

01-december-1995

Specification for high-voltage fuse-links for motor circuit application (IEC 644:1979)

Specification for high-voltage fuse-links for motor circuit applications

Anforderungen an Hochspannungs-Sicherungseinsätze für Motorstromkreise

Spécification relative aux éléments de remplacement à haute tension destinés à des circuits comprenant des moteurs

Ta slovenski standard je istoveten z: EN 60644:1993

ICS:

29.120.50	Varovalke in druga medtokovna zaģļ ita	Fuses and other overcurrent protection devices

SIST EN 60644:1995 **en**

EUROPEAN STANDARD

NORME EUROPEENNE

EUROPÄISCHE NORM

EN 60644

January 1993

Supersedes HD 424 S1:1983

UDC 621.316.923.2.025.027.3.001.2 621.313.049.61

Descriptors: High-voltage fuse-links, motor protection and control, standardized time-current characteristics

ENGLISH VERSION

Specification for high-voltage fuse-links for motor circuit applications
(IEC 644:1979)

Spécification relative aux éléments de remplacement à haute tension déstinés à des circuits comprenant des moteurs
(CEI 644:1979)

Anforderungen an Hochspannungs-Sicherungseinsätze für Motorstromkreise
(IEC 644:1979)

This European Standard was approved by CENELEC on 1992-12-09. 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, 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

Ref. No. EN 60644:1993 E

FOREWORD

At the request of CENELEC Technical Committee TC 32A, High-voltage fuses, HD 424 S1:1983 (IEC 644:1979) was submitted to the CENELEC voting procedure for conversion into a European Standard.

The text of the International Standard was approved by CENELEC as EN 60644 on 9 December 1992.

The following dates were fixed:

- latest date of publication of an identical national standard	(dop)	1993-12-01
- latest date of withdrawal of conflicting national standards	(dow)	-

ENDORSEMENT NOTICE

The text of the International Standard IEC 644:1979 was approved by CENELEC as a European Standard without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

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

IEC Publication	Date	Title	EN/HD	Date
282-1	1974*	High-voltage fuses Part 1: Current-limiting fuses	-	-

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* IEC 282-1:1985 + A1:1988 (mod) was harmonized as HD 492.1 S2:1988 + A1:1990

NORME INTERNATIONALE

INTERNATIONAL STANDARD

CEI
IEC
60644

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Spécification relative aux éléments de remplacement à haute tension destinés à des circuits comprenant des moteurs

Specification for high-voltage fuse-links for motor circuit applications

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SPECIFICATION FOR HIGH-VOLTAGE FUSE-LINKS FOR MOTOR CIRCUIT APPLICATIONS

FOREWORD

1) 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.

2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.

3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

PREFACE

This standard has been prepared by Sub-Committee 32A, High-voltage fuses, of IEC Technical Committee No. 32, Fuses.

General work concerning the standardization of the time-current characteristics of fuses was decided on at the meeting held in Tehran in 1969. Several tentative proposals were submitted to Sub-Committee 32A which decided, at its meeting held in The Hague in 1975, to consider fuse-links for motor circuit applications and those for transformer circuit applications separately. The first drafts for motor circuit applications were discussed at the meeting held in Moscow in 1977, as a result of which a final draft, Document 32A(Central Office)44, was submitted to the National Committees for approval under the Six Months' Rule in November 1977.

The following countries voted explicitly in favour of publication:

Australia	Italy	Turkey
Belgium	Netherlands	Union of Soviet Socialist Republics
Canada	South Africa (Republic of)	United Kingdom
Egypt	Spain	United States of America
France	Sweden	
Germany	Switzerland	

The Japanese National Committee cast a negative vote to object to the concept of rated current as used in this standard. It was in favour of a new concept which would result in a rated current of the fuse-link substantially equal to the rated current of the motor to be protected.

Other IEC publication quoted in this standard:

Publication No. 282-1: High-voltage Fuses. Part 1. Current-limiting Fuses.