SLOVENSKI STANDARD
SIST EN 61286:1997

01-december-1997

Information technology - Coded graphic character set for use in the preparation of documents used in electrotechnology and for information interchange (IEC 1286:1995)

Information technology - Coded graphic character set for use in the preparation of documents used in electrotechnology and for information interchange

Informationstechnik - Codierter Zeichensatz zur Anwendung in der Erstellung von Dokumenten der Elektrotechnik und zum Datenaustausch

Technologies de l'information - Jeux de caractères graphiques codés pour emploi dans l'établissement de documents utilisés en électrotechnique et pour échange de l'information

Ta slovenski standard je istoveten z: **EN 61286:1995**

ICS:

35.040	Nabori znakov in kodiranje informacij	Character sets and information coding

SIST EN 61286:1997   **en**

iTeh STANDARD PREVIEW

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61286

October 1995

ICS 35.040

IEC/SC 3B

Descriptors: Coded character set, coded representation, data code, data processing, data transmission, electrotechnology, graphic character, information interchange

English version

Information technology
Coded graphic character set for use in the preparation of documents used in electrotechnology and for information interchange
(IEC 1286:1995)

Technologies de l'information
Jeu de caractères graphiques codés
pour emploi dans l'établissement de
documents utilisés en électrotechnique
et pour échange de l'information
(CEI 1286:1995)

Datenverarbeitung
Codierter Zeichensatz zur Anwendung in
der Erstellung von Dokumenten der
Elektrotechnik und zum Datenaustausch
(IEC 1286:1995)

This European Standard was approved by CENELEC on 1994-07-05. 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.

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
Urad RS za standardizacijo in meroslovje
LJUBLJANA
SIST........EN 61286...........
PREVZET PO METODI RAZGLASITVE
-12- 1997

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 61286:1995 E

Foreword

The text of document 3B(CO)55, future edition 1 of IEC 1286, prepared by SC 3B, Documentation, of IEC TC 3, Documentation and graphical symbols, in close co-operation with SC 2, Coded character sets, of ISO/IEC JTC 1, Information technology, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61286 on 1994-07-05.

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)   1996-10-01

- latest date by which the national standards conflicting
  with the EN have to be withdrawn
                                                                        (dow)   1996-10-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annexes A and ZA are normative and annexes B and C are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 1286:1995 was approved by CENELEC as a European Standard without any modification.

In the official version, for annex C, Bibliography, the following notes have to be added for the standards indicated:

IEC 27	NOTE: Harmonized as HD 245 series.
IEC 617	NOTE: IEC 617-13 is harmonized as EN 60617-13:1993 (not modified).
IEC 1082-1	NOTE: Harmonized as EN 61082-1:1993 (not modified).
IEC 1082-2	NOTE: Harmonized as EN 61082-2:1994 (not modified).
IEC 1082-3	NOTE: Harmonized as EN 61082-3:1994 (not modified).

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
ISO/IEC 10367	1991	Information technology Standardized coded graphic character sets for use in 8-bit codes	-	-
ISO 2375	1985	Data processing Procedure for registration of escape sequences	-	-

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NORME
INTERNATIONALE

INTERNATIONAL
STANDARD

**CEI
IEC
1286**

Première édition
First edition
1995-10

Technologies de l'information – Jeu de
caractères graphiques codés pour emploi
dans l'établissement de documents utilisés
en électrotechnique et pour échange
de l'information

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Information technology – Coded graphic
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for information interchange

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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Pour prix, voir catalogue en vigueur
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

INFORMATION TECHNOLOGY – CODED GRAPHIC CHARACTER SET
FOR USE IN THE PREPARATION OF DOCUMENTS USED IN
ELECTROTECHNOLOGY AND FOR INFORMATION INTERCHANGE

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.

International Standard IEC 1286 has been prepared by sub-committee 3B: Documentation, of IEC technical committee 3: Documentation and graphical symbols, in close co-operation with subcommittee 2: Coded character sets, of ISO/IEC joint technical committee 1: Information technology.

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

DIS	Report on voting
3B(CO)55	3B(CO)57

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

Annex A forms an integral part of this standard. Annex B and C are for information only.

INFORMATION TECHNOLOGY – CODED GRAPHIC CHARACTER SET FOR USE IN THE PREPARATION OF DOCUMENTS USED IN ELECTROTECHNOLOGY AND FOR INFORMATION INTERCHANGE

1   Scope

This International Standard specifies a standardized coded graphic character set for use in drawings and diagrams, and for the design of graphical symbols.

2   Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO/IEC 10367:1991   *Information technology – Standardized coded graphic character sets for use in 8–bit codes*

ISO 2375: 1985   *Data processing – Procedure for registration of escape sequences*

3   Specification of a character set

Symbols of IEC 617, letter symbols of IEC 27 and ISO 31 are used as characters in texts in the preparation of documents used in electrotechnology (see IEC 1082) and for the design of graphical symbols.

In the computer processing of electrotechnical documents, such characters should, in accordance with the rules defined in ISO/IEC 10367, be chosen from technical character set No. 1, with the registration number 181. Technical character set No. 1 is reproduced in annex A.