



# SLOVENSKI STANDARD

## SIST EN 61666:1997

01-december-1997

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### Industrial systems, installations and equipment and industrial products - Identification of terminals within a system (IEC 61666:1997)

Industrial systems, installations and equipment and industrial products - Identification of terminals within a system

Industrielle Systeme, Anlagen und Ausrüstungen und Industrieprodukte - Identifikation von Anschlüssen in Systemen

Systèmes industriels, installations et appareils, et produits industriels - Indentification des bornes dans le cadre d'un système

**STANDARD PREVIEW**  
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**Ta slovenski standard je istoveten z: EN 61666:1997**

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#### **ICS:**

01.080.40	Grafični simboli za uporabo v risbah, diagramih, načrtih v elektrotehniki in elektroniki ter v ustrezni tehnični proizvodni dokumentaciji	Graphical symbols for use on electrical and electronics engineering drawings, diagrams, charts and in relevant technical product documentation
29.020	Elektrotehnika na splošno	Electrical engineering in general

**SIST EN 61666:1997**

**en**

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ICS 01.080.30; 29.120.20

Descriptors: Terminal, designation, technical document, electrical engineering, diagram, graphical symbol

English version

**Industrial systems, installations and equipment and industrial products  
Identification of terminals within a system  
(IEC 61666:1997)**

Systèmes industriels, installations et  
appareils, et produits industriels  
Identification des bornes dans le  
cadre d'un système  
(CEI 61666:1997)

Industrielle Systeme, Anlagen und  
Ausrüstungen und Industrieprodukte  
Identifikation von Anschlüssen in  
Systemen  
(IEC 61666:1997)

This European Standard 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 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

## Foreword

The text of document 3B/182/FDIS, future edition 1 of IEC 61666, prepared by SC 3B, Documentation, of IEC TC 3, Documentation and graphical symbols, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61666 on 1997-03-11.

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) 1998-02-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1998-02-01

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 and C are informative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 61666:1997 was approved by CENELEC as a European Standard without any modification.

In the official version, for annex C, Bibliography, the following note has to be added for the standard indicated:

IEC 60034-8 NOTE: Harmonized, together with its amendment 1:1990, as HD 53.8 S4:1993 (modified).

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SIST/NT 61666:1997  
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**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 60445	1988	Identification of equipment terminals and of terminations of certain designated conductors, including general rules for an alphanumeric system	EN 60445	1990
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985
IEC 61082-1	1991	Preparation of documents used in electrotechnology Part 1: General requirements	EN 61082-1	1993
IEC 61082-2	1993	Part 2: Function-oriented diagrams	EN 61082-2	1994
IEC 61082-3	1993	Part 3: Connection diagrams, tables and lists	EN 61082-3	1994
IEC 61346-1	1996	Industrial systems, installations and equipment and industrial products Structuring principles and reference designations Part 1: Basic rules	EN 61346-1	1996

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC  
61666

Première édition  
First edition  
1997-05

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Systèmes industriels, installations et appareils,  
et produits industriels – Identification des bornes  
dans le cadre d'un système

**iTeh STANDARD PREVIEW**  
**Industrial systems, installations and equipment**  
**and industrial products – Identification of terminals**  
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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INDUSTRIAL SYSTEMS, INSTALLATIONS AND EQUIPMENT AND INDUSTRIAL PRODUCTS –  
IDENTIFICATION OF TERMINALS WITHIN A SYSTEM**

**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 field. 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 agreement of the IEC on technical matters, express as nearly as possible an International consensus of opinion on the relevant subjects since each technical committee has representations from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that state.
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International Standard IEC 61666 has been prepared by sub-committee 3B: Documentation, of IEC technical committee No. 3: Documentation and graphical symbols.

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

FDIS	Report on voting
3B/182/FDIS	3B/204/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.

Annexes A, B and C are for information only.