
Osnovna načela za grafične simbole za uporabo na opremi - 3. del: Smernice za uporabo grafičnih simbolov (IEC 80416-3:2002/A1:2011)

Basic principles for graphical symbols for use on equipment - Part 3: Guidelines for the application of graphical symbols (IEC 80416-3:2002/A1:2011)

Allgemeine Grundlagen für Graphische Symbole auf Einrichtungen - Teil 3: Leitfaden zur Anwendung Graphischer Symbole (IEC 80416-3:2002/A1:2011)

Principes élémentaires pour les symboles graphiques utilisables sur le matériel - Partie 3: Guide pour l'application des symboles graphiques (CEI 80416-3:2002/A1:2011)

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Ta slovenski standard je istoveten z: EN 80416-3:2002/A1:2011

ICS:

01.080.20	Grafični simboli za posebno opremo	Graphical symbols for use on specific equipment
29.020	Elektrotehnika na splošno	Electrical engineering in general

SIST EN 80416-3:2003/A1:2011 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 80416-3/A1

August 2011

ICS 01.080.20

English version

**Basic principles for graphical symbols for use on equipment -
Part 3: Guidelines for the application of graphical symbols**
(IEC 80416-3:2002/A1:2011)

Principes élémentaires pour les symboles
graphiques utilisables sur le matériel -
Partie 3: Guide pour l'application des
symboles graphiques
(CEI 80416-3:2002/A1:2011)

Allgemeine Grundlagen für Graphische
Symbole auf Geräten und Einrichtungen -
Teil 3: Leitfaden zur Anwendung
Graphischer Symbole
(IEC 80416-3:2002/A1:2011)

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This amendment A1 modifies the European Standard EN 80416-3:2002; it was approved by CENELEC on 2011-08-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 3C/1687/CDV, future edition 1 of IEC 80416-3:2002/A1:2011, prepared by SC 3C, Graphical symbols for use on equipment, of IEC TC 3, Information structures, documentation and graphical symbols was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 80416-3:2002/A1:2011.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-05-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2014-08-16

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of the International Standard IEC 80416-3:2002/A1:2011 was approved by CENELEC as a European Standard without any modification.

[SIST EN 80416-3:2003/A1:2011](https://standards.iteh.ai/catalog/standards/sist/6f0251a1-c41f-4ff6-8733-1877ae83f74e/sist-en-80416-3-2003-a1-2011)

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Replace the entire Annex ZA by the following:

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 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 60073	-	Basic and safety principles for man-machine interface, marking and identification - Coding principles for indicators and actuators	EN 60073	-
IEC 60417	Data-base	Graphical symbols for use on equipment	-	-
IEC 80416-1	2008	Basic principles for graphical symbols for use on equipment - Part 1: Creation of graphical symbols for registration	EN 80416-1	2009
ISO/IEC 80416-2	-	Basic principles for graphical symbols for use on equipment Part 2: Form and use of arrows	EN 80416-2	-
ISO 3864-1	-	Graphical symbols - Safety colours and safety signs - Part 1: Design principles for safety signs in workplaces and public areas	-	-
ISO 3864-2	-	Graphical symbols - Safety colours and safety signs - Part 2: Design principles for product safety labels	-	-
ISO 7000	-	Graphical symbols for use on equipment - Index and synopsis	-	-
ISO 7010	-	Graphical symbols - Safety colours and safety signs - Safety signs used in workplaces and public areas	-	-
ISO 80416-4	-	Basic principles for graphical symbols for use on equipment - Part 4: Guidelines for the adaptation of graphical symbols for use on screens and displays (icons)	-	-

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IEC 80416-3

Edition 1.0 2011-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**Basic principles for graphical symbols for use on equipment –
Part 3: Guidelines for the application of graphical symbols**

**Principes élémentaires pour les symboles graphiques utilisables sur le matériel –
Partie 3: Guide pour l'application des symboles graphiques**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
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FOREWORD

This amendment has been prepared by subcommittee 3C: Graphical symbols for use on equipment, of IEC technical committee 3: Information structures, documentation and graphical symbols.

This amendment has been prepared in collaboration with ISO TC 145/SC 3.

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

CDV	Report on voting
3C/1687/CDV	3C/1711/RVC

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

The committee has decided that the contents of this publication will remain unchanged until the stability date 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.

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INTRODUCTION

Replace the first and the second paragraphs by the following paragraphs, respectively:

A graphical symbol is defined as a visually perceptible figure with a particular meaning used to transmit information independently of language. Graphical symbols are used on equipment for a wide range of purposes. The understanding of such symbols can be improved by consistent design. This is particularly important where families of symbols are used in one location or on similar equipment. Good design also helps to maintain the legibility of symbols when they are reduced to small dimensions for application. Thus, there is a need to standardize the principles for creating graphical symbols for use on equipment to ensure visual clarity, to maintain consistency and thereby to improve recognition.

The IEC 80416 series is a multi-part international standard which provides basic principles and guidelines for the creation of graphical symbols for use on equipment (Parts 1 and 2) and also principles and guidelines for adapting registered graphical symbols for use in practice (Parts 3 and 4).

1 Scope

Delete the first paragraph.

2 Normative references

Replace the reference to IEC 80416-1 by the following:

IEC 80416-1:2008, *Basic principles for graphical symbols for use on equipment – Part 1: Creation of graphical symbols for registration*

Replace the reference to ISO/FDIS 3864-1:2001 by the following:

ISO 3864-1, *Graphical symbols – Safety colours and safety signs – Part 1: Design principles for safety signs and safety markings*

Add the following reference:

ISO 3864-2, *Graphical symbols – Safety colours and safety signs – Part 2: Design principles for product safety labels*

Replace the reference to ISO/FDIS 7010:2001 by the following:

ISO 7010, *Graphical symbols – Safety colours and safety signs – Safety signs used in workplaces and public areas*

Add the following footnote to ISO 7000:

The ISO 7000 collection of graphical symbols for use on equipment is also available online, either separately or jointly with the IEC 60417 collection of graphical symbols for use on equipment. ISO Catalogue provides further information on this regard.

Replace the reference to IEC 60417 (all parts) by the following:

IEC 60417, *Graphical symbols for use on equipment*

Add the following reference:

ISO 80416-4, *Basic principles for graphical symbols for use on equipment – Part 4: Guidelines for the adaptation of graphical symbols for use on screens and displays (icons)*

3 Definitions

Replace the title of Clause 3 by the following:

Terms and definitions

Delete 3.2.

4.2 Screens and displays

Add the following to the first paragraph:

In this application, ISO 80416-4 shall be taken into consideration.

Delete Note 1 and renumber Note 2 to “Note”.