

RATIFIED EUROPEAN TEXT

EN60417-1:2002

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This ratified text was approved on

2001-12-01

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EUROPEAN STANDARD

EN 60417-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2002

ICS 01.080.20

Supersedes EN 60417-1:1999

English version

Graphical symbols for use on equipment
Part 1: Overview and application
(IEC 60417-1:2000)

Symboles graphiques utilisables
sur le matériel
Partie 1: Vue d'ensemble et application
(CEI 60417-1:2000)

Graphische Symbole für Betriebsmittel
Teil 1: Übersicht und Anwendung
(IEC 60417-1:2000)

This European Standard was approved by CENELEC on 2001-12-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, 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

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Ref. No. EN 60417-1:2002 E

Foreword

The text of the International Standard IEC 60417-1:2000, prepared by SC 3C, Graphical symbols for use on equipment, of IEC TC 3, Information structures, documentation and graphical symbols, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 60417-1 on 2001-12-01 without any modification.

This European Standard supersedes EN 60417-1:1999.

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) 2002-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2004-12-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60417-1:2000 was approved by CENELEC as a European Standard without any modification.

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

IEC 60027 (Series) NOTE Harmonized as HD 245 (Series) (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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-441	1984	International Electrotechnical Vocabulary (IEV) Chapter 441: Switchgear, controlgear and fuses	-	-
IEC 60204-1	1997	Safety of machinery - Electrical equipment of machines Part 1: General requirements	EN 60204-1 + corr. September	1997 1998
IEC 60416	1988	General principles for the creation of graphical symbols for use on equipment	HD 571 S1	1990
IEC 60601-1	1988	Medical electrical equipment Part 1: General requirements for safety	EN 60601-1 + corr. July + A13	1990 1994 1996
NOTE Amendments A11 and A12 are superseded by EN 60601-1/A2:1995				
IEC 60747-1	1983	Semiconductor devices - Discrete devices Part 1: General	-	-
IEC 61010-1 (mod) + A1	1990 1992	Safety requirements for electrical equipment for measurement, control and laboratory use Part 1: General requirements	EN 61010-1	1993 ¹⁾
IEC 61140	1997	Protection against electric shock - Common aspects for installation and equipment	EN 61140	2001 ²⁾
IEC 61310-1	1995	Safety of machinery - Indication, marking and actuation Part 1: Requirements for visual, auditory and tactile signals	EN 61310-1	1995
ISO 3864	1984	Safety colours and safety signs	-	-

¹⁾ EN 61010-1:1993 is superseded by EN 61010-1:2001, which is based on IEC 61010-1:2001.

²⁾ EN 61140:2001 is superseded by EN 61140:2002, which is based on IEC 61140:2001.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 7000	1989	Graphical symbols for use on equipment - Index and synopsis	-	-
ITU-T E121	1996	Pictograms, symbols and icons to assist users of the telephone service	-	-