

Basic and safety principles for man-machine interface, marking and identification — Identification of equipment terminals and conductor terminations

The European Standard EN 60445:2007 has the status of a British Standard

ICS 29.020

National foreword

This British Standard was published by BSI. It is the UK implementation of EN 60445:2007. It was derived by CENELEC from IEC 60445:2006. It supersedes BS EN 60445:2000, which will be withdrawn on 1 February 2010.

The CENELEC common modifications have been implemented at the appropriate places in the text and are indicated by tags (e.g. [C] <C>).

The UK participation in its preparation was entrusted to Technical Committee GEL/16, Terminal marking and other identifications.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments issued since publication

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**Basic and safety principles for man-machine interface,
marking and identification -
Identification of equipment terminals and conductor terminations
(IEC 60445:2006, modified)**

Principes fondamentaux et de sécurité
pour les interfaces homme-machines,
le marquage et l'identification -
Identification des bornes de matériels
et des extrémités de conducteurs
(CEI 60445:2006, modifiée)

Grund- und Sicherheitsregeln
für die Mensch-Maschine-Schnittstelle -
Kennzeichnung der Anschlüsse
elektrischer Betriebsmittel und
angeschlossener Leiterenden
(IEC 60445:2006, modifiziert)

This European Standard was approved by CENELEC on 2007-02-01. 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 two official versions (English and 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, 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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 16/458/FDIS, future edition 4 of IEC 60445, prepared by IEC TC 16, Basic and safety principles for man-machine interface, marking and identification, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60445 on 2007-02-01.

This European Standard supersedes EN 60445:2000.

This edition includes the following significant technical changes with respect to EN 60445:2000:

- addition of Table 1 – Protective bonding conductor PB (earthed PBE, unearthed PBU);
- deletion of Annex A (informative): "Comparison of former and present designation".

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) 2007-11-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-02-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60445:2006 was approved by CENELEC as a European Standard with agreed common modifications.

CONTENTS

INTRODUCTION.....	4
1 Scope.....	5
2 Normative references	5
3 Terms and definitions	5
4 Methods of identification.....	7
5 Application of identification means	7
6 General rules for an alphanumeric system.....	7
6.1 General.....	7
6.2 Marking principles	7
7 Marking of equipment terminals intended for certain designated conductors and of terminations of these conductors	10
Bibliography.....	12
Annex ZA (normative) Normative references to international publications with their corresponding European publications.....	13
Figure 1 – Single element with two terminals	8
Figure 2 – Single element with four terminals: two endpoints and two intermediate points	8
Figure 3 – Three-phase equipment with six terminals.....	8
Figure 4 – Three-element equipment with twelve terminals: six endpoints and six intermediate points	9
Figure 5a – Three-phase equipment with two groups of elements	9
Figure 5b – Two-phase equipment with two groups of elements with four terminals each	9
Figure 5 – Equipment with groups of elements.....	9
Figure 6 – Interconnection of equipment terminals and certain designated conductors.....	10
Table 1 – Marking of equipment terminals intended for certain designated conductors.....	11