

# INTERNATIONAL STANDARD

# IEC 60446

Fourth edition  
2007-05

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BASIC SAFETY PUBLICATION

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**Basic and safety principles for man-machine  
interface, marking and identification –**

**Identification of conductors by colours  
or alphanumerics**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**BASIC AND SAFETY PRINCIPLES FOR MAN-MACHINE INTERFACE,  
MARKING AND IDENTIFICATION –  
IDENTIFICATION OF CONDUCTORS BY COLOURS OR ALPHANUMERICS**

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International Standard IEC 60446 has been prepared by IEC technical committee 16: Basic and safety principles for man-machine interface, marking and identification.

This fourth edition cancels and replaces the third edition, published in 1999 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:

- a) addition of Clause 3 – Terms and definitions
- b) addition of Clause 4 – Identification of conductors
- c) addition of subclauses 5.3.4 to 5.3.6 – Use of bi-colour combinations
- d) addition of subclause 6.2 – Identification of certain designated conductors
- e) addition of a new Annex A (informative) "Identification of certain designated conductors by means of colour code and alphanumeric"
- f) deletion of the old Annex A (informative) "Methods of marking PEN conductors in different countries".

It has the status of a basic safety publication in accordance with IEC Guide 104.

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

FDIS	Report on voting
16/461/FDIS	16/462/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.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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