
Terms and nomenclature for cores made of magnetically soft ferrites - Part 3:
Guidelines on the format of data appearing in manufacturers' catalogues of
transformer and inductor cores (IEC 60401-3:2003)

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EUROPEAN STANDARD

EN 60401-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2003

ICS 29.100.10

English version

Terms and nomenclature for cores made of magnetically soft ferrites
Part 3: Guidelines on the format of data appearing
in manufacturers' catalogues of transformer and inductor cores
(IEC 60401-3:2003)

Termes et nomenclature pour noyaux en matériaux ferrites magnétiquement doux
Partie 3: Lignes directrices relatives au format des données figurant dans les catalogues des fabricants de noyaux pour transformateurs et inductances
(CEI 60401-3:2003)

Begriffe und Bezeichnungssystem für Kerne aus weichmagnetischen Materialien
Teil 3: Leitfaden für das Datenformat für Übertrager- und Spulenkerne in Herstellerkatalogen
(IEC 60401-3:2003)

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SIST EN 60401-3:2004
http://standards.iteh.ai/catalog/standards/sist/7cfd0fba-b4bd-4e52-ab65-95f41e718516/iec-60401-3-2003
This European Standard was approved by CENELEC on 2003-12-01. 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.

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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 51/722/FDIS, future edition 1 of IEC 60401-3, prepared by IEC TC 51, Magnetic components and ferrite materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60401-3 on 2003-12-01.

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) 2004-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2006-12-01

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 60401-3:2003 was approved by CENELEC as a European Standard without any modification.

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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 61332	1995	Soft ferrite material classification	EN 61332	1997
IEC/TR3 61604	1997	Dimensions of uncoated ring cores of magnetic oxides	-	-
IEC 62044-1	2002	Cores made of soft magnetic materials - Measuring methods Part 1: Generic specification	EN 62044-1	2002
IEC 62044-2	- 1)	Part 2: Magnetic properties at low excitation level	-	-
IEC 62044-3	2000	Part 3: Magnetic properties at high excitation level	EN 62044-3	2001

1) Under consideration.

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First edition
2003-10

**Termes et nomenclature pour noyaux
en matériaux ferrites magnétiquement doux –**

**Partie 3:
Lignes directrices relatives aux formats
des données figurant dans les catalogues
des fabricants de noyaux pour transformateurs
et inductances**

SIST EN 60401-3:2004

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**Part 3:
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Commission Electrotechnique Internationale
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Международная Электротехническая Комиссия

CODE PRIX
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Pour prix, voir catalogue en vigueur
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TERMS AND NOMENCLATURE FOR CORES
MADE OF MAGNETICALLY SOFT FERRITES –****Part 3: Guidelines on the format of data appearing in manufacturers'
catalogues of transformer and inductor cores**

FOREWORD

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International Standard IEC 60401-3 has been prepared by IEC technical committee 51: Magnetic components and ferrite materials.

This Part 3 of IEC 60401 cancels and replaces the existing IEC 60401, second edition, published in 1993.

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

FDIS	Report on voting
51/722/FDIS	51/736/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.

IEC 60401 consists of the following parts, under the general title *Terms and nomenclature for cores made of magnetically soft ferrites*:

Part 1: Terms used for physical irregularities

Part 2: Reference of dimensions

Part 3: Guidelines on the format of data appearing in manufacturers' catalogues of transformer and inductor cores

The committee has decided that the contents of this publication will remain unchanged until 2006. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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