



BSI Standards Publication

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

National foreword

This British Standard is the UK implementation of EN 60401-3:2016. It is identical to IEC 60401-3:2015. It supersedes BS EN 60401-3:2003 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EPL/51, Transformers, inductors, magnetic components and ferrite materials.

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.

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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 60401-3:2015)

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 (IEC 60401-3:2015)

Begriffe und Bezeichnungssystem für Kerne aus weichmagnetischen Ferriten - Teil 3: Leitfaden für das Datenformat für Übertrager- und Spulenkern in Herstellerkatalogen (IEC 60401-3:2015)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 51/1106/FDIS, future edition 2 of IEC 60401-3, prepared by IEC/TC 51 "Magnetic components and ferrite materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60401-3:2016.

The following dates are fixed:

- latest date by which the document has to be (dop) 2016-10-08
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publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2019-01-08
standards conflicting with the
document have to be withdrawn

This document supersedes EN 60401-3:2003.

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Endorsement notice

The text of the International Standard IEC 60401-3:2015 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60424 Series	NOTE	Harmonized as EN 60424 Series.
IEC 60424-1	NOTE	Harmonized as EN 60424-1.
IEC 60424-2	NOTE	Harmonized as EN 60424-2.
IEC 60424-3	NOTE	Harmonized as EN 60424-3.
IEC 60424-4	NOTE	Harmonized as EN 60424-4.
IEC 60424-5	NOTE	Harmonized as EN 60424-5.
IEC 61631	NOTE	Harmonized as EN 61631.
IEC 62044-1	NOTE	Harmonized as EN 62044-1.
IEC 62211	NOTE	Harmonized as EN 62211.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61332	2005	Soft ferrite material classification	EN 61332	2005
IEC 62044-2	-	Cores made of soft magnetic materials - Measuring methods - Part 2: Magnetic properties at low excitation level	EN 62044-2	-
IEC 62044-3	-	Cores made of soft magnetic materials - Measuring methods - Part 3: Magnetic properties at high excitation level	EN 62044-3	-

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