

BS EN 60401-2:2010



BSI Standards Publication

Terms and nomenclature for cores made of magnetically soft ferrite

Part 2: Reference of dimensions

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National foreword

This British Standard is the UK implementation of EN 60401-2:2010. It is identical to IEC 60401-2:2009. It supersedes BS EN 60401-2:2003 which is withdrawn.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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Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2010.

Amendments issued since publication

Amd. No.	Date	Text affected
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60401-2

September 2010

ICS 29.100.10

Supersedes EN 60401-2:2003

English version

Terms and nomenclature for cores made of magnetically soft ferrites - Part 2: Reference of dimensions (IEC 60401-2:2009)

Termes et nomenclature pour noyaux en
matériaux ferrites magnétiquement doux -
Partie 2: Références dimensionnelles
(CEI 60401-2:2009)

Begriffe und Bezeichnungssysteme
für Kerne aus weichmagnetischen
Materialien -
Teil 2: Maßreferenz
(IEC 60401-2:2009)

This European Standard was approved by CENELEC on 2010-09-01. 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.

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CENELEC

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

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Foreword

The text of document 51/943A/CDV, future edition 2 of IEC 60401-2, 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 60401-2 on 2010-09-01.

This European Standard supersedes EN 60401-2:2003.

This European Standard includes the following significant technical changes with respect to EN 60401-2:2003:

New ferrite core shapes “half pot core for inductive proximity switches and PM core” in accordance with EN 62317 series have been added respectively as Figure 13 and Figure 14 in Clause 5: core illustrations.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

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|--|-------|------------|
| – latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement | (dop) | 2011-06-01 |
| – latest date by which the national standards conflicting
with the EN have to be withdrawn | (dow) | 2013-09-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60401-2:2009 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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

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 62317	Series	Ferrite cores - Dimensions	EN 62317	Series