BS EN 60424-1:2016

BSI Standards Publication

Ferrite cores — Guidelines on the limits of surface irregularities

Part 1: General specification

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National foreword

This British Standard is the UK implementation of EN 60424-1:2016. It is identical to IEC 60424-1:2015. It supersedes BS EN 60424-1:2000 which is withdrawn.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.

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English Version

Ferrite cores - Guidelines on the limits of surface irregularities - Part 1: General specification (IEC 60424-1:2015)

Noyaux ferrites - Lignes directrices relatives aux limites des irrégularités de surface - Partie 1: Spécification générale (IEC 60424-1:2015)

Ferritkerne - Leitfaden für Grenzwerte von sichtbaren Beschädigungen der Kernoberfläche - Teil 1: Fachgrundspezifikation (IEC 60424-1:2015)

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

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European foreword

The text of document 51/1107/FDIS, future edition 2 of IEC 60424-1, prepared by IEC/TC 51 "Magnetic components and ferrite materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60424-1:2016.

The following dates are fixed:

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• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2019-01-08

This document supersedes EN 60424-1:1999.

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Endorsement notice

The text of the International Standard IEC 60424-1:2015 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 60401-3	NOTE	Harmonized as EN 60401-3.
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 60424-8	NOTE	Harmonized as EN 60424-8.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FERRITE CORES – GUIDELINES ON THE LIMITS OF SURFACE IRREGULARITIES –

Part 1: General specification

FOREWORD

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International Standard IEC 60424-1 has been prepared IEC technical committee 51: Magnetic components and ferrite materials.

This second edition cancels and replaces the first edition published in 1999. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) addition of pores in 3.5 and crystallites in 3.6.

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