BS EN IEC 63093-11:2018
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BSI Standards Publication

Ferrite cores - Guidelines on dimensions and the limits of surface irregularities

Part 11: EC-cores for use in power supply applications

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Full document details: BS EN IEC 63093-11:2018

National foreword

This British Standard is the UK implementation of EN IEC 63093-11:2018. It is identical to IEC 63093-11:2018. It supersedes BS EN 62317-11:2016, which is withdrawn. Together with BS EN IEC 63093-6:2018, BS EN IEC 63083-7:2018 and BS EN IEC 63093-8:2018, it also supersedes BS EN 60424-3:2016, which is withdrawn.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.

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Date	Text affected
31 May 2019	Correction to supersession details in National Foreword

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 63093-11

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English Version

Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 11: EC-cores for use in power supply applications (IEC 63093-11:2018)

Noyaux ferrites - Lignes directrices relatives aux dimensions et limites des irrégularités de surface – Partie 11 : Noyaux EC utilisés dans des applications d'alimentation électrique (IEC 63093-11:2018)

Ferritkerne - Richtlinien zu Maßen und Grenzen von Oberflächenbeschädigungen - Teil 11: EC-Kerne für den Einsatz in Netzteilen (IEC 63093-11:2018)

This European Standard was approved by CENELEC on 2018-07-26. 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.

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European Committee for Electrotechnical Standardization
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European foreword

The text of document 51/1214/CDV, future edition 1 of IEC 63093-11, prepared by IEC/TC 51 "Magnetic components, ferrite and magnetic powder materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63093-11:2018.

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) 2019-04-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-07-26

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Endorsement notice

The text of the International Standard IEC 63093-11:2018 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 60424-3:2015[1]	NOTE	Harmonized as EN 60424-3:2016 (not modified)
IEC 62317-11[2]	NOTE	Harmonized as EN 62317-11

[1] Withdrawn publication.

[2] Withdrawn publication.

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where 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.

Publication	Year	Title	EN/HD	Year
IEC 60205	-	Calculation of the effective parameters of magnetic piece parts	EN 60205	-
IEC 60401-1	-	Terms and nomenclature for cores made of magnetically soft ferrites -- Part 1: Terms used for physical irregularities	EN 60401-1	-
IEC 60424-1	-	Ferrite cores - Guidelines on the limits of surface irregularities - Part 1: General specification	EN 60424-1	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FERRITE CORES – GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE IRREGULARITIES –

Part 11: EC-cores for use in power supply applications

FOREWORD

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International Standard IEC 63093-11 has been prepared by IEC technical committee 51: Magnetic components, ferrite and magnetic powder materials.

This first edition cancels and replaces the first edition of IEC 62317-11 published in 2015 and the second edition of IEC 60424-3 published in 2015. This edition constitutes a technical revision.

This document includes the following significant technical changes with respect to IEC 62317-11:2015 and IEC 60424-3:2015:

a) This document integrates IEC 62317-11:2015 and IEC 60424-3:2015;
b) Table 3 – Allowable areas of chips for EC-cores, of IEC 60424-3:2015, has been moved to Annex B (informative) of this document.

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The text of this International Standard is based on the following documents:

CDV	Report on voting
51/1214/CDV	51/1236/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

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

A list of all parts in the IEC 63093 series, published under the general title *Ferrite cores – Guidelines on dimensions and the limits of surface irregularities*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

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

A bilingual version of this publication may be issued at a later date.

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