



SLOVENSKI STANDARD

SIST EN 60424-2:2002

01-september-2002

Guidance of the limits of surface irregularities of ferrite cores - Part 2: RM-cores (IEC 60424-2:1997)

Guidance of the limits of surface irregularities of ferrite cores -- Part 2: RM-cores

Leitfaden für Grenzwerte von sichtbaren Beschädigungen der Kernoberfläche bei
Ferritkernen -- Teil 2: RM-Kerne

Guide pour la spécification des limites des irrégularités de surface des noyaux ferrites --
Partie 2: Noyaux RM

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Ta slovenski standard je istoveten z: EN 60424-2:1997

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ICS:

29.100.10 Magnetne komponente Magnetic components

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60424-2

October 1997

ICS 29.030; 29.100.10

Descriptors: Ferrite cores, RM cores, surface irregularities, limits, sectional specification

English version

Guidance of the limits of surface irregularities of ferrite cores
Part 2: RM-cores
(IEC 60424-2:1997)

Guide pour la spécification des limites
des irrégularités de surface des noyaux
ferrites
Partie 2: Noyaux RM
(CEI 60424-2:1997)

Leitfaden für Grenzwerte von
Strukturstörungen bei Ferritkernen
Teil 2: RM-Kerne
(IEC 60424-2:1997)

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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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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 51/480/FDIS, future edition 1 of IEC 60424-2, 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 60424-2 on 1997-10-01.

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) 1998-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1998-07-01

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 60424-2:1997 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 60431	1983	Dimensions of square cores (RM-cores) made of magnetic oxides and associated parts		
+ A1	1995		EN 60431	1997
A2	1996		-	-

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60424-2

Première édition
First edition
1997-10

**Guide pour la spécification des limites
des irrégularités de surface
des noyaux ferrites –**

**Partie 2:
Noyaux RM**

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**Guidance on the limits of surface
irregularities of ferrite cores –**

**Part 2:
RM-cores**

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Commission Electrotechnique Internationale
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Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

GUIDANCE ON THE LIMITS OF SURFACE IRREGULARITIES OF FERRITE CORES –

Part 2: RM-cores

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60424-2 has been prepared by technical committee 51: Magnetic components and ferrite materials.

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

FDIS	Report on voting
51/480/FDIS	51/489/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.

IEC 60424 will consist of the following parts, under the general *Guidance on the limits of surface irregularities of ferrite cores*:

- Part 1: Generic specification (will replace IEC 60424 (1973)).
- Part 2: RM-cores.
- Part 3: ETD-cores and E-cores.

GUIDANCE ON THE LIMITS OF SURFACE IRREGULARITIES OF FERRITE CORES –

Part 2: RM-cores

1 Scope

This part of IEC 60424 gives a guidance on allowable limits of surface irregularities applicable to RM-cores in accordance with the relevant generic specification.

This standard should be considered as a sectional specification useful in the dialogue between ferrite core manufacturers and customers about surface irregularities.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of IEC 60424. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 60424 are encouraged to investigate the possibility of applying the most recent editions of the normative document indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60431:1983, *Dimensions of square cores (RM-cores) made of magnetic oxides and associated parts*

Amendment 1 (1995)

Amendment 2 (1996)

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