



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60431:1999

ICS 29.100.10

**DIMENSIONS OF SQUARE CORES
(RM-CORES) MADE OF MAGNETIC OXIDES
AND ASSOCIATED PARTS (IEC 431:1983 +
A1:1995)**

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EUROPEAN STANDARD
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EUROPÄISCHE NORM

EN 60431

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ICS 29.030; 29.100.10

Descriptors: Square cores, RM-cores, dimensions, magnetic oxides, measuring coils, clamping forces

English version

**Dimensions of square cores (RM-cores) made of
magnetic oxides and associated parts
(IEC 431:1983 + A1:1995)**

Dimensions des noyaux carrés
(noyaux RM) en oxydes magnétiques
et pièces associées
(CEI 431:1983 + A1:1995)

Rechteck-Kerne (RM) aus
magnetischen Oxiden
Maße und Zubehör
(IEC 431:1983 + A1:1995)

This European Standard was approved by CENELEC on 1997-03-11. 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.

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

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Foreword

The text of the International Standard IEC 431:1983 and its amendment 1:1995, prepared by IEC TC 51, Magnetic components and ferrite materials, was submitted to the formal vote and was approved by CENELEC as EN 60431 on 1997-03-11 without any modification.

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) 1998-03-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1998-03-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annexes A, B and C are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 431:1993 and its amendment 1:1995 was approved by CENELEC as a European Standard without any modification.

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 97	1970 ¹⁾	Grid system for printed circuits	-	-
IEC 133	1967	Dimensions for pot-cores made of ferromagnetic oxides and associated parts	-	-
IEC 317-2	1970 ²⁾	Specifications for particular types of winding wires Part 2: Heat of solvent bonding self-fluxing enamelled round copper wires	-	-
IEC 367-1	1982	Cores for inductors and transformers for telecommunications Part 1: Measuring methods	-	-
ISO 370	1975	Toleranced dimensions - Conversion from inches into millimetres and vice versa	-	-

1) IEC 97:1991 is harmonized as EN 60097:1993.

2) IEC 317-2:1990 is harmonized as EN 60317-2:1994.

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