



National Standards Authority of Ireland  
Údarás um Chaighdeáin Náisiúnta na hÉireann

IRISH STANDARD

**I.S. EN 62025-1:2007**

ICS 29.100.10

**HIGH FREQUENCY INDUCTIVE  
COMPONENTS - NON-ELECTRICAL  
CHARACTERISTICS AND MEASURING  
METHODS -- PART 1: FIXED, SURFACE  
MOUNTED INDUCTORS FOR USE IN  
ELECTRONIC AND TELECOMMUNICATION  
EQUIPMENT (IEC 62025-1:2007 (EQV))**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 62025-1**

August 2007

ICS 29.100.10

Supersedes EN 62025-1:2002

English version

**High frequency inductive components -  
Non-electrical characteristics and measuring methods -  
Part 1: Fixed, surface mounted inductors for use in electronic  
and telecommunication equipment  
(IEC 62025-1:2007)**

Composants inductifs à haute fréquence -  
Caractéristiques non électriques  
et méthodes de mesure -  
Partie 1: Inductances fixes pour montage  
en surface utilisées dans les matériels  
électroniques et les équipements de  
télécommunications  
(CEI 62025-1:2007)

Induktive Hochfrequenzbauelemente -  
Nicht elektrische Eigenschaften  
und Messmethoden -  
Teil 1: Oberflächenmontierbare  
Festinduktivitäten  
für den Einsatz in Elektronik  
und Telekommunikationsgeräten  
(IEC 62025-1:2007)

This European Standard was approved by CENELEC on 2007-06-01. 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 two official versions (English and 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 51/883/FDIS, future edition 2 of IEC 62025-1, 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 62025-1 on 2007-06-01.

This European Standard supersedes EN 62025-1:2002.

This European Standard includes the following significant technical changes with respect to EN 62025-1:2002:

- nomenclature of dimensions in Figure 1 has been changed;
- a new Table 1, Letter code for inductance values, has been added;
- dimensions for shapes in Table 2 and Table 5 have been added;
- new operating temperature ratings in Table 9 have been added.

The following dates were fixed:

- |  |       |            |
|--|-------|------------|
| – latest date by which the EN has to be implemented<br>at national level by publication of an identical<br>national standard or by endorsement | (dop) | 2008-03-01 |
| – latest date by which the national standards conflicting<br>with the EN have to be withdrawn  | (dow) | 2010-06-01 |

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 62025-1:2007 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62211	NOTE Harmonized as EN 62211:2004 (not modified).
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## **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 61605	2005	Fixed inductors for use in electronic and telecommunication equipment - Marking codes	EN 61605	2005



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