

High frequency inductive components — Non-electrical characteristics and measuring methods —

Part 1: Fixed, surface mounted inductors for use in electronic and telecommunication equipment

The European Standard EN 62025-1:2007 has the status of a
British Standard

ICS 29.100.10

National foreword

This British Standard is the UK implementation of EN 62025-1:2007. It is identical to IEC 62025-1:2007. It supersedes BS EN 62025-1:2002 which is withdrawn.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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**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

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with the EN have to be withdrawn | (dow) | 2010-06-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

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

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