

Piezoelectric filters of assessed quality —

Part 4-1: Blank detail specification — Capability approval

The European Standard EN 60368-4-1:2000, including corrigendum February 2001 has the status of a British Standard

ICS 31.140; 31.160

National foreword

This British Standard is the official English language version of EN 60368-4-1:2000, including corrigendum February 2001. It is identical with IEC 60368-4-1:2000. It supersedes BS EN 167101:1996 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EPL/49, Piezoelectric devices for frequency control and selection, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

From 1 January 1997, all IEC publications have the number 60000 added to the old number. For instance, IEC 27-1 has been renumbered as IEC 60027-1. For a period of time during the change over from one numbering system to the other, publications may contain identifiers from both systems.

Cross-references

Attention is drawn to the fact that CEN and CENELEC Standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

This British Standard, having been prepared under the direction of the Electrotechnical Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 June 2001

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 11, and a back cover.

The BSI copyright date displayed in this document indicates when the document was last issued.

Amendments issued since publication

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English version

Piezoelectric filters of assessed quality
Part 4-1: Blank detail specification -
Capability approval
(IEC 60368-4-1:2000)

Filtres piézoélectriques sous assurance
de la qualité
Partie 4-1: Spécification particulière cadre
Agrément de savoir-faire
(CEI 60368-4-1:2000)

Piezelektrische Filter mit bewerteter
Qualität
Teil 4-1: Vordruck für Bauartspezifikation -
Befähigungsanerkennung
(IEC 60368-4-1:2000)

This European Standard was approved by CENELEC on 2000-12-01. 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. This European Standard supersedes EN 167101:1995.

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, Czech Republic, 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 document 49/469/FDIS, future edition 1 of IEC 60368-4-1, prepared by IEC TC 49, Piezoelectric and dielectric devices for frequency control and selection, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60368-4-1 on 2000-12-01.

This standard is to be used in conjunction with EN 60368-1, Piezoelectric filters of assessed quality – Part 1: Generic specification, and EN 60368-4, Piezoelectric filters of assessed quality -- Part 4: Sectional specification – Capability approval.

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) 2001-09-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-12-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annexes A and ZA are normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60368-4-1:2000 was approved by CENELEC as a European Standard without any modification.

INTRODUCTION

Blank detail specification

A blank detail specification is a supplementary document to the sectional specification and contains requirements for the minimum content of detail specifications.

The front page layout shown on the next page is applicable to detail specifications for standard catalogue piezoelectric filters only.

For custom-built piezoelectric filters where the detail specification is not intended for publication, a suggested layout for the front page is given in annex A. This is not mandatory, but it is recommended that the layout be followed whenever possible.

Identification of the detail specification and of the component

The numbers between the square brackets on the front page correspond to the following information which should be given in the appropriate boxes.

- [1] The name of the National Standards Organization under whose authority the detail specification is published and, if applicable, the organization from whom the detail specification is available.
- [2] The IECQ number allotted to the detail specification.
- [3] The number and issue number of the IEC generic or sectional specification as relevant; also national reference, if different.
- [4] If different from the IECQ number, the national number of the detail specification, date of issue and any further information required by the national system, together with any amendment numbers.
- [5] A brief description of the piezoelectric filter, or range of piezoelectric filters (for example, centre frequency and type of filter).
- [6] Information on typical construction (where applicable) (for example, resistance welded, cold welded).

For [5] and [6], the text to be given in the detail specification should be suitable for an entry in IEC QC 001005 and IEC QC 001004.

- [7] An outline drawing with the main dimensions that are of importance for interchangeability, as required in IEC 60368-3, and/or reference to the appropriate national or international document for outlines. Alternatively, this drawing may be given in an annex to the detail specification.