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

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**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)

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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.

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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.

iTeh STANDARD PREVIEW Endorsement notice (standards.iteh.ai)

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

SIST EN 60368-4-1:2002

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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 60368-1	2000	Piezoelectric filters of assessed quality Part 1: Generic specification	EN 60368-1	2000
IEC 60368-3	1)	Part 3: Standard outlines and lead connections	-	-
IEC 60368-4	2000	Part 4: Sectional specification - Capability approval	EN 60368-4	2000
IEC 60410	1973	Sampling plans and procedures for inspection by attributes	-	-
IEC QC 001004		IEC quality assessment system for electronic components (IECQ) - Specifications list (information current to 1999-09)	-	-
IEC QC 001005		Register of firms, products and services approved under the IECQ System including ISO 9000	-	-

1) In preparation.

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IEC

60368-4-1

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Filtres piézoélectriques sous assurance
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Partie 4-1:
Spécification particulière cadre –
Agrément de savoir-faire

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Piezoelectric filters of assessed quality –

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Part 4-1:
Blank detail specification –
Capability approval

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Commission Electrotechnique Internationale
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Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

PIEZOELECTRIC FILTERS OF ASSESSED QUALITY –

Part 4-1: Blank detail specification – Capability approval

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.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical specifications, technical reports or guides and they are accepted by the National Committees in that sense.
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- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60368-4-1 has been prepared by IEC technical committee 49: Piezoelectric and dielectric devices for frequency control and selection.

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

FDIS	Report on voting
49/469/FDIS	49/480/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.

This standard shall be used in conjunction with the following standards:

IEC 60368-1: *Piezoelectric filters of assessed quality – Part 1: Generic specification*

IEC 60368-4: *Piezoelectric filters of assessed quality – Part 4: Sectional specification – Capability approval*

It forms part 4-1 of a series of standards for piezoelectric filters of assessed quality and constitutes the blank detail specification – Capability approval.

IEC 60368 consists of the following parts, under the general title *Piezoelectric filters of assessed quality*:

- Part 1: Generic specification
- Part 2-1: Guide to the use of piezoelectric filters – Section One: Quartz crystal filters
- Part 2-2: Guide to the use of piezoelectric filters – Section 2: Piezoelectric ceramic filters
- Part 3: Standard outlines
- Part 4: Sectional specification – Capability approval
- Part 4-1: Blank detail specification – Capability approval
- Part 5: Sectional specification – Qualification approval ¹⁾
- Part 5-1: Blank detail specification – Qualification approval ¹⁾

The QC number that appears on the front cover of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

Annex A forms an integral part of this standard.

The committee has decided that the contents of this publication will remain unchanged until 2005. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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¹⁾ Under consideration