
Površinsko nameščeni piezoelektrični elementi za stabilizacijo in izbiranje frekvence – Standardne mere in priključni izvodi – 4. del: Mere hibridnega okrova (IEC 61837-4:2004)

Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 4: Hybrid enclosure outlines (IEC 61837-4:2004)

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**Surface mounted piezoelectric devices
for frequency control and selection –
Standard outlines and terminal lead connections
Part 4: Hybrid enclosure outlines
(IEC 61837-4:2004)**

Dispositifs piézoélectriques à montage
en surface pour la commande et le choix
de la fréquence –
Encombremments normalisés
et connexions des sorties
Partie 4: Encombremments hybrides
(CEI 61837-4:2004)

Oberflächenmontierbare piezoelektrische
Bauteile zur Frequenzstabilisierung
und -Selektion –
Norm-Gehäusemaße und Anschlüsse
Teil 4: Hybridgehäuse
(IEC 61837-4:2004)

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This European Standard was approved by CENELEC on 2004-09-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 49/657/FDIS, future edition 1 of IEC 61837-4, 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 61837-4 on 2004-09-01.

This European Standard shall be read in conjunction with EN 61240.

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) 2005-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2007-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61837-4:2004 was approved by CENELEC as a European Standard without any modification.

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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 Where 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 61240	1994	Piezoelectric devices - Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection - General rules	EN 61240	1997

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INTERNATIONAL STANDARD

IEC 61837-4

First edition
2004-05

Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections –

Part 4: Hybrid enclosure outlines (standards.iteh.ai)

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International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SURFACE MOUNTED PIEZOELECTRIC DEVICES
FOR FREQUENCY CONTROL AND SELECTION –
STANDARD OUTLINES AND TERMINAL LEAD CONNECTIONS –**

Part 4: Hybrid enclosure outlines

FOREWORD

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International Standard IEC 61837-4 has been prepared by IEC technical committee 49: Piezoelectric and dielectric devices for frequency control and selection.

This International Standard shall be read in conjunction with IEC 61240.

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

FDIS	Report on voting
49/657/FDIS	49/679/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 publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

IEC 61837 consists of the following parts under the general title *Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections*:

- Part 1: Plastic moulded enclosure outlines;
- Part 2: Ceramic enclosures;
- Part 3: Metal enclosures;
- Part 4: Hybrid enclosure outlines.

The committee has decided that the contents of this publication will remain unchanged until 2008. At this date, the publication will be

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

A bilingual version of this publication may be issued at a later date

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