

STN	Piezelektrické súčiastky na povrchovú montáž na riadenie a výber frekvencie. Normalizované rozmery a označovanie pripojení. Časť 4: Nákrisy hybridných puzdier.	STN EN 61837-4 35 8401
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Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 4: Hybrid enclosure outlines

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/15

Obsahuje: EN 61837-4:2015, IEC 61837-4:2015

Oznámením tejto normy sa od 01.05.2018 ruší
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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2015
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD

EN 61837-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2015

ICS 31.140

Supersedes EN 61837-4:2004

English Version

Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections -
Part 4: Hybrid enclosure outlines
(IEC 61837-4:2015)

Dispositifs piézoélectriques à montage en surface pour la commande et le choix de la fréquence - Encombrements normalisés et connexions des sorties -
Partie 4: Encombrements des enveloppes hybrides
(IEC 61837-4:2015)

Oberflächenmontierbare piezoelektrische Bauteile zur Frequenzstabilisierung und -selektion - Norm-Gehäusemaße und Anschlüsse -
Teil 4: Hybridgehäuse
(IEC 61837-4:2015)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of document 49/1117/FDIS, future edition 2 of IEC 61837-4, prepared by IEC/TC 49 "Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61837-4:2015.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-02-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-05-01

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61240	2012	Piezoelectric devices - Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection - General rules	EN 61240	2012



INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Surface mounted piezoelectric devices for frequency control and selection –
Standard outlines and terminal lead connections –
Part 4: Hybrid enclosure outlines**

**Dispositifs piézoélectriques à montage en surface pour la commande et le choix
de la fréquence – Encombrements normalisés et connexions des sorties –
Partie 4: Encombrements des enveloppes hybrides**





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INTERNATIONAL STANDARD

NORME INTERNATIONALE

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CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 Normative references.....	5
3 Configuration of enclosures	5
4 Dimensions of surface mounted piezoelectric devices with hybrid enclosure outlines	5
5 Table of detailed dimensions.....	5
6 Designation of surface mounted piezoelectric devices with hybrid enclosure outlines	6
Table 1 – Revised Configuration	6
Table 2 – Designation of surface mounted piezoelectric devices with hybrid enclosure outline	6
Table 3 – Lead connections	7

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, dielectric and electrostatic devices and associated materials for frequency control, selection and detection.

This second edition cancels and replaces the first edition published in 2004. It constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- Outline drawing is defined as one set of drawings consisting of four views, which are the view from above, the front view, the view from the right, and the view from below, instead of one set consisting of three views as provided in the previous edition.
- The configurations of the enclosures were revised as shown in Table 1.

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

FDIS	Report on voting
49/1117/FDIS	49/1129/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.

This International Standard shall be read in conjunction with IEC 61240:2012.

A list of all parts in the IEC 61837 series, published under the general title *Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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

Part 4: Hybrid enclosure outlines

1 Scope

This part of IEC 61837 specifies the outline drawings and terminal lead connections for surface piezoelectric devices with hybrid enclosure outlines and is based on IEC 61240:2012 which standardized layout rules of outline drawings of surface-mounted device.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 61240:2012, *Piezoelectric devices – Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection – General rules*

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