

SLOVENSKI STANDARD SIST EN 60368-3:2011

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Nadomešča:

SIST EN 60368-3:2002

Piezoelektrični filtri določene kakovosti - 3. del: Standardni okrovi in priključki (IEC 60368-3:2010)

Piezoelectric filters of assessed quality - Part 3: Standard outlines and lead connections (IEC 60368-3:2010)

Piezoelektrische Filter mit bewerteter Qualität - Teil 3: Norm-Gehäusemaße und Anschlussdrähte (IEC 60368-3:2010) (standards.iteh.ai)

Filtres piezoélectriques sous assurance de la qualité : Partie 3: Encombrements normalisés et connexions des sorties (CE 60368-3:2010)-133a-42ff-a9c6-05faffb0bad0/sist-en-60368-3-2011

Ta slovenski standard je istoveten z: EN 60368-3:2010

ICS:

31.140 Piezoelektrične in Piezoelectric and dielectric

dielektrične naprave devices

SIST EN 60368-3:2011 en

SIST EN 60368-3:2011

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<u>SIST EN 60368-3:2011</u> https://standards.iteh.ai/catalog/standards/sist/c758b6f5-133a-42ff-a9c6-05faffb0bad0/sist-en-60368-3-2011

EUROPEAN STANDARD

EN 60368-3

NORME EUROPÉENNE EUROPÄISCHE NORM

December 2010

ICS 31.140

Supersedes EN 60368-3:2001

English version

Piezoelectric filters of assessed quality - Part 3: Standard outlines and lead connections

(IEC 60368-3:2010)

Filtres piezoélectriques sous assurance de la qualité -Partie 3: Encombrements normalisés et connexions des sorties (CEI 60368-3:2010) Piezoelektrische Filter mit bewerteter Qualität -Teil 3: Norm-Gehäusemaße und Anschlussdrähte (IEC 60368-3:2010)

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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. 5-133a-42ff-a9c6-

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.

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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 49/887/CDV, future edition 4 of IEC 60368-3, 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 was approved by CENELEC as EN 60368-3 on 2010-12-01.

This European Standard supersedes EN 60368-3:2001.

This EN 60368-3:2010 includes the following significant technical changes with respect to EN 60368-3:2001:

- a) four enclosure types (CF05, CF06, CF07 and CF09) have been deleted from EN 60368-3:2001;
- b) now standardized enclosures are totally 16 types. These are listed in Table.1.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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) 2011-09-01
- latest date by which the national standards conflicting PREVIEW with the EN have to be withdrawn (standards.iteh.ai)

2013-12-01

SIST EN 60368-3:2011

https://standards.iteh.aEndorsement/notice-133a-42ff-a9c6-

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The text of the International Standard IEC 60368-3:2010 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60368-1:2000 NOTE Harmonized as 60368-1:2000 (not modified).

IEC 60368-1:2000/A1:2004 NOTE Harmonized as EN 60368-1:2000/A1:2004 (not modified).

IEC 60368-2-2:1996 NOTE Harmonized as EN 60368-2-2:1999 (not modified).

IEC 60368-4:2000 NOTE Harmonized as EN 60368-4:2000 (not modified).

IEC 60368-4-1:2000 NOTE Harmonized as EN 60368-4-1:2000 (not modified).



IEC 60368-3

Edition 4.0 2010-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Piezoelectric filters of assessed quality PD PREVIEW Part 3: Standard outlines and lead connections ai)

Filtres piézoélectriques sous assurance de la qualité –
Partie 3: Encombrements normalisés et connexions des sorties

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

PIEZOELECTRIC FILTERS OF ASSESSED QUALITY -

Part 3: Standard outlines and lead connections

FOREWORD

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International Standard IEC 60368-3 has been prepared by IEC Technical Committee 49: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection.

This fourth edition cancels and replaces the third edition published in 2001 and constitutes a technical revision.

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

- a) four enclosure types (CF05, CF06, CF07 and CF09) have been deleted from previous edition, IEC 60368-3 Ed. 3.0;
- b) now standardized enclosures are totally 16 types. These are listed in Table.1.

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

CDV	Report on voting
49/887/CDV	49/905A/RVC

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.

A list of all parts of IEC 60368 under the general title *Piezoelectric filters of assessed quality* 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 web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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

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PIEZOELECTRIC FILTERS OF ASSESSED QUALITY -

Part 3: Standard outlines and lead connections

1 Scope

This part of IEC 60368 specifies the outline drawing for piezoelectric filters with lead enclosures.

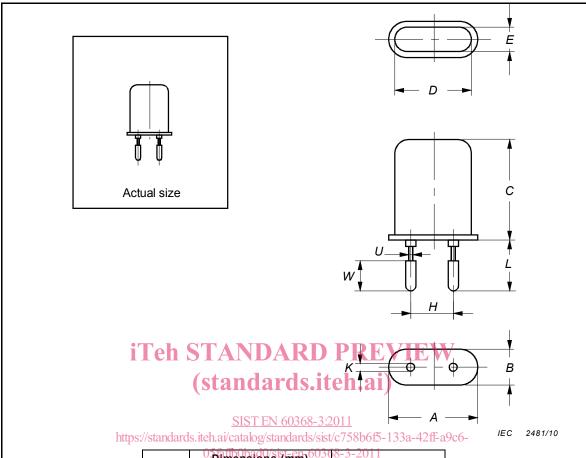
2 Guidance for the standardization of outline drawings for frequency control and selection devices

In order to achieve a uniform presentation of all outline drawings for frequency control and selection devices the following guide shall be considered:

- **2.1** An outline drawing shall show all dimensional and geometrical characteristics of an enclosure necessary to ensure mechanical interchangeability with all other enclosures of the same outline. Enlarged detailed view may be used, if necessary.
- 2.2 The outline drawing shall consist of three parts: PREVIEW
- **2.2.1** A drawing with dimensional symbols (capital letter) as shown in Figure 1 below with applicable notes, if necessary.
- 2.2.2 A tabular listing relating to the drawing symbols to the actual dimensions. Where possible this shall be shown on the same page as the drawing c758b6f5-133a-42ff-a9c6-05faffb0bad0/sist-en-60368-3-2011
- 2.2.3 An "actual-size" sketch (scale 1:1).
- **2.3** The outline drawing shall be executed in the third angle projection.
- **2.4** The function and identification of the lead connections (termination) shall be determined by agreement between the supplier and user. They shall not be defined on the outline drawing.
- **2.5** Descriptive notes may be used at the bottom of/ or adjacent to, the drawing with proper reference to the body of the drawing.
- 2.6 All dimensions shall be in millimeters.
- 2.7 Outline dimensions A, B, C, D and E shall be listed with maximum values only.
- **2.8** Lead (termination) cross-sectional dimensions shall be listed with minimum and maximum values. If applicable, nominal dimensions may be added.
- **2.9** The spacing of the leads (termination) symbol H shall be listed with minimum, nominal and maximum dimensions.
- **2.10** Leads (terminations) for soldering application shall be specified with the minimum length dimensions (symbol L) only.

Lead (termination) for plug-in application shall be specified with minimum and maximum length dimensions.

2.11 If leads (terminations) are provided with an undercut dimensions U and W shall be listed with minimum dimensions only.



Ref.	Dimensions (mm) 6036			8-3-2011 Notes
Rei.	Min.	Nom.	Max.	Notes
Α	_	_	Х	
В	_	_	Х	
С	_	_	Х	
D	_	_	Х	
E	_	_	Х	
Н	Х	Х	Х	
K	X	_	Х	1
L	Х	_	Х	
U	Х	_	_	2
W	Х	_	_	2

NOTE 1 In this sentence, a comment related to K or to the number X should be notified.

NOTE 2 In this sentence, a comment related to U and W or to the number X should be notified

Figure 1 – Guidance for outline drawings	Scale 2 :1	
Sheet - number		

3 Dimensions of piezoelectric filter enclosures

The dimensions in this standard apply to the competed piezoelectric filters.

Only those dimensions which meet the requirements of the guidance for standardization of outline drawings are given (see Clause 2).

4 Designation of piezoelectric filter enclosures

Table 1 - Designation of piezoelectric filter enclosures

No.	Type	Sheet No.	Description	
1	F 01	Sheet 1	Metal enclosure, soldered, two-lead crystal filter outline	
2	F 02	Sheet 2	Metal enclosure, soldered, seven-lead crystal filter outline	
3	F 03	Sheet 3	Metal enclosure, soldered, four-lead crystal filter outline	
	F 04			
	F 05			
4	F06	Sheet 4	Metal enclosure, soldered, four-lead crystal filter outline	
	F 07			
	F 08			
5	F 12	Sheet 5	Metal enclosure, soldered, four-lead crystal filter outline	
6	F 14	Metal enclosure, welded, three-lead crystal filter outline		
0	F 15 Sheet 6		Metal enclosure, weiged, three-lead crystal filter outline	
7	F 16	Sheet 7 Metal enclosure, welded, three-lead crystal filter outline		
	CF 01	https://standa	rds.iteh.ai/catalog/standards/sist/c758b6f5-133a-42ff-a9c6-	
	CF 02	Shoot 9	05faffb0bad0/sist-en-60368-3-2011	
8	CF 03	Sheet 8	Metal enclosure, soldered, four-lead piezoelectric ceramic filter outline	
	CF 04			