

SLOVENSKI STANDARD SIST EN 60384-4-1:2008 01-januar-2008

Fiksni kondenzatorji za uporabo v elektronski opremi - 4-1. del: Okvirna podrobna specifikacija – Fiksni aluminijski elektrolitski kondenzatorji z netrdim elektrolitom - Ocenjevalni nivo EZ (IEC 60384-4-1:2007)

Fixed capacitors for use in electronic equipment - Part 4-1: Blank detail specification -Fixed aluminium electrolytic capacitors with non-solid electrolyte - Assessment level EZ (IEC 60384-4-1:2007)

Festkondensatoren zur Verwendung in Geräten der Elektronik - Teil 4-1: Vordruck für Bauartspezifikation: Aluminium-Elektrolyt-Kondensatoren mit flüssigem Elektrolyten - Bewertungsstufe EZ (IEC 60384-4-1:2007)

SIST EN 60384-4-1:2008

Condensateurs fixes utilisés dans les équipements électroniques - Partie 4-1: Spécification particuliere cadre ⁶⁸Condensateurs fixes électrolytiques en aluminium a électrolyte non solide - Niveau d'assurance de la qualité EZ (IEC 60384-4-1:2007)

Ta slovenski standard je istoveten z: EN 60384-4-1:2007

<u>ICS:</u>

31.060.50 Aluminijski elektrolitni kondenzatorji

Aluminium electrolytic capacitors

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en,de

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 60384-4-1

May 2007

ICS 31.060.50

English version

Fixed capacitors for use in electronic equipment -Part 4-1: Blank detail specification -Fixed aluminium electrolytic capacitors with non-solid electrolyte -Assessment level EZ

(IEC 60384-4-1:2007)

Condensateurs fixes utilisés Festkondensatoren zur Verwendung in Geräten der Elektronik dans les équipements électroniques -Partie 4-1: Spécification Teil 4-1: Vordruck für Bauartspezifikation particulière cadre -Aluminium-Elektrolyt-Kondensatoren Condensateurs fixes électrolytiques mit flüssigem Elektrolyten en aluminium à électrolyte non solide DARD **P**Bewertungsstufe EZ Niveau d'assurance de la qualité EZ (IEC 60384-4-1:2007) (standards.iteh.ai) (CEI 60384-4-1:2007)

SIST EN 60384-4-1:2008

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

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Foreword

The text of document 40/1762/CDV, future edition 3 of IEC 60384-4-1, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 60384-4-1 on 2007-04-01.

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)	2008-01-01
latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2010-04-01

L'Annexe ZA a été ajoutée par le CENELEC.

Endorsement notice

The text of the International Standard IEC 60384-4-1:2007 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	<u>Year</u>	Title	<u>EN/HD</u>	Year
IEC 60384-1 (mod)	_1)	Fixed capacitors for use in electronic equipment - Part 1: Generic specification	EN 60384-1 + corr. October	2001 ²⁾ 2001
IEC 60384-4	_1)	Fixed capacitors for use in electronic equipment - Part 4: Sectional specification - Aluminium electrolytic capacitors with solid (MnO ₂) and non-solid electrolyte	EN 60384-4	2007 ²⁾
IEC 60410	- ¹⁾ iT(Sampling plans and procedures for inspection by attributes DARD PREVIE (standards.iteh.ai)	W	-
		<u>SIST EN 60384-4-1:2008</u>		

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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INTERNATIONAL STANDARD



QC 300301

Third edition 2007-03

Fixed capacitors for use in electronic equipment -

Part 4-1: Blank detail specification – Fixed aluminium electrolytic capacitors with non-solid electrolyte – Assessment level EZ (standards.iteh.ai)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT -

Part 4-1: Blank detail specification – Fixed aluminium electrolytic capacitors with non-solid electrolyte – Assessment level EZ

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International Standard IEC 60384-4-1 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This third edition cancels and replaces the second edition published in 2000 and constitutes a minor revision related to tables, figures and references.

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

CDV	Report on voting
40/1762/CDV	40/1820/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.

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).

The list of all parts of the IEC 60384 series, under the general title *Fixed capacitors for use in electronic equipment*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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.

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

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FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT -

Part 4-1: Blank detail specification – Fixed aluminium electrolytic capacitors with non-solid electrolyte – Assessment level EZ

Blank detail specification

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style and layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they be so described.

In the preparation of detail specifications, the contents of 1.4 of the sectional specification shall be taken into account.

The numbers between brackets on the first page correspond to the following information which shall be inserted in the position indicated.

Identification of the detail specification

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- [1] The International Electrotechnical Commission or the National Standards Organization under whose authority the detail specification is drafted.
- [2] The IEC or National Standards <u>number of the detail</u> specification, data of issue and any further information/required by the national systems6b992-77b2-4d0b-b11e-
- [3] The number and issue number of the IEC or national generic specification.
- [4] The IEC number of the blank detail specification.

Identification of the capacitor

- [5] A short description of the type of capacitor.
- [6] Information on typical construction (when applicable).
 NOTE When the capacitor is not designed for use in printed board applications, this is clearly stated in the detail specification in this position.
- [7] Outline drawing with main dimensions which are of importance for interchangeability and/or reference to the national or international documents for outlines. Alternatively, this drawing may be given in an annex to the detail specification.
- [8] Application or group of applications covered and/or assessment level.

NOTE The assessment level(s) to be used in a detail specification are selected from 3.5.4 of the sectional specification. This implies that one blank detail specification may be used in combination with several assessment levels, provided the grouping of the tests does not change.

[9] Reference data on the most important properties, to allow comparison between the various capacitor types.