



SLOVENSKI STANDARD SIST EN 60384-14-1:2016

01-julij-2016

Nadomešča:

SIST EN 60384-14-1:2006

SIST EN 60384-14-3:2005

Nespremenljivi kondenzatorji za uporabo v elektronski opremi - 14-1. del: Okvirna podrobna specifikacija - Nespremenljivi kondenzatorji za dušenje elektromagnetnega motenja in priključevanje na omrežno napajanje - Raven ocenjevanja DZ

Fixed capacitors for use in electronic equipment - Part 14-1: Blank detail specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Assessment level DZ

[SIST EN 60384-14-1:2016](https://standards.iteh.ai/catalog/standards/sist/09059bba-1211-45a1-b007-2dcbb0eacbce/sist-en-60384-14-1-2016)

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Ta slovenski standard je istoveten z: EN 60384-14-1:2016

ICS:

31.060.10 Fiksni kondenzatorji Fixed capacitors

SIST EN 60384-14-1:2016 en

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EUROPEAN STANDARD

EN 60384-14-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2016

ICS 31.060.10

Supersedes EN 60384-14-1:2005, EN 60384-14-3:2004

English Version

Fixed capacitors for use in electronic equipment -
Part 14-1: Blank detail specification - Fixed capacitors for
electromagnetic interference suppression and connection to the
supply mains - Assessment level DZ
(IEC 60384-14-1:2016)

Condensateurs fixes utilisés dans les équipements
électroniques - Partie 14-1: Spécification particulière-cadre -
Condensateurs fixes d'antiparasitage et raccordement à
l'alimentation - Niveau d'assurance DZ
(IEC 60384-14-1:2016)

Festkondensatoren zur Verwendung in Geräten der
Elektronik - Teil 14-1: Vordruck für Bauartspezifikation -
Festkondensatoren zur Unterdrückung elektromagnetischer
Störungen, geeignet für Netzbetrieb - Bewertungsstufe DZ
(IEC 60384-14-1:2016)

This European Standard was approved by CENELEC on 2016-02-23. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

EN 60384-14-1:2016**European foreword**

The text of document 40/2421/FDIS, future edition 3 of IEC 60384-14-1, prepared by IEC/TC 40 "Capacitors and resistors for electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60384-14-1:2016.

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) 2016-11-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-02-23

This document supersedes EN 60384-14-1:2005 and EN 60384-14-3:2004.

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

Endorsement notice

The text of the International Standard IEC 60384-14-1:2016 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 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.

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 60384-1	2016	Fixed capacitors for use in electronic equipment - Part 1: Generic specification	EN 60384-1	201X ¹⁾
IEC 60384-14	2013	Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains	EN 60384-14	2013
IEC 61193-2	2007	Quality assessment systems - Part 2: Selection and use of sampling plans for inspection of electronic components and packages	EN 61193-2	2007

¹⁾ To be published.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fixed capacitors for use in electronic equipment –
Part 14-1: Blank detail specification – Fixed capacitors for electromagnetic
interference suppression and connection to the supply mains – Assessment
level DZ**

[SIST EN 60384-14-1:2016](https://standards.iteh.ai/catalog/standards/sist/09059bba-1211-45a1-b007-)

<https://standards.iteh.ai/catalog/standards/sist/09059bba-1211-45a1-b007->

**Condensateurs fixes utilisés dans les équipements électroniques –
Partie 14-1: Spécification particulière-cadre – Condensateurs fixes
d'antiparasitage et raccordement à l'alimentation – Niveau d'assurance DZ**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 31.060.10

ISBN 978-2-8322-3126-5

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CONTENTS

FOREWORD	3
INTRODUCTION	5
0 Blank detail specification	5
0.1 General	5
0.2 Identification of the detail specification	5
0.3 Identification of the capacitor	5
1 General data	7
1.1 Recommended method(s) of mounting (to be inserted)	7
1.2 Dimensions	7
1.3 Ratings and characteristics	7
1.4 Normative references	8
1.5 Marking	8
1.6 Ordering information	8
1.7 Certified records of released lots	8
1.8 Additional information (not for inspection purposes)	8
1.9 Additional or increased severities or requirements to those specified in the generic and/or sectional specification	8
2 Inspection requirements	8
Annex A (normative) Declaration of design	14
Table 1 – Dimensions	7
Table 2 – Values of capacitance related to voltages and case sizes	7
Table 3 – Other characteristics	8
Table 4 – Test schedule for lot-by-lot tests (Groups A and B inspection) – Assessment level DZ	9
Table 5 – Test schedule for periodic tests (Group C inspection) – Assessment level DZ	10

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –**Part 14-1: Blank detail specification –
Fixed capacitors for electromagnetic interference suppression
and connection to the supply mains – Assessment level DZ**

FOREWORD

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International Standard IEC 60384-14-1 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 2005 and constitutes a technical revision.

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

The assessment level has been changed to DZ (zero acceptance). The contents is the same as in old IEC 60384-14-3 with editorial changes. IEC 60384-14-3 has been deleted.

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

FDIS	Report on voting
40/2421/FDIS	40/2445/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.

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This International Standard is to be used in conjunction with IEC 60384-1:2016.

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

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

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INTRODUCTION

0 Blank detail specification

0.1 General

This blank detail specification forms the basis for a uniform procedure for a common international safety mark. It implements the approval schedule for safety tests in IEC 60384-14, requires a declaration of design for parameters relevant to safety and indicates conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes to the declared design.

This specification offers the assessment level DZ (zero defects).

The use of IEC 60384-14-1, may be more appropriate for components manufactured in mass production, whereas the employment of IEC 60384-14-2 (safety tests only) may be necessary in those cases where approval and requalification tests contribute considerably to the costs of the product.

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style, 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 so be described.

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

0.2 Identification of the detail specification

The first page of the detail specification should have the layout recommended on the next page of this blank detail specification. The numbers between square brackets correspond to the following information which shall be inserted at the position indicated:

- [1] The "International Electrotechnical Commission" or the National Standards Organization under whose authority the detail specification is drafted.
- [2] The IEC or National Standards number of the detail specification, date of issue and any further information required by the national system.
- [3] The number and issue number of the IEC, or national, generic, or sectional specification, as relevant.
- [4] If different from the IEC number, the national number of the detail specification, date of issue and any further information required by the national system, together with any amendment numbers.

0.3 Identification of the capacitor

- [5] A short description of the type of capacitor or range of capacitors. The text should be suitable for an entry in the IECQ register of approvals.
- [6] Information on typical construction (when applicable). The text should be suitable for an entry in the IECQ register of approvals.
- [7] Outline drawing with main dimensions which are of importance for interchangeability and/or reference to the appropriate national or international documents for outlines. Alternatively, the drawing may be given in an annex to the detail specification, but [7] should always contain an illustration of the general outer appearance of the component.
- [8] The level(s) of quality assessment covered by the detail specification, as appropriate.
- [9] Reference data giving information on the most important properties of the component which allow comparison between the various component types intended for the same or similar applications.