

SLOVENSKI STANDARD

SIST EN IEC 60384-24:2021

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Nadomešča:

SIST EN 60384-24:2015

SIST EN 60384-24:2015/AC:2017

Nespremenljivi kondenzatorji za elektronsko opremo - 24. del: Področna specifikacija - Nespremenljivi tantalovi elektrolitski kondenzatorji s prevodnim polimernim trdim elektrolitom za površinsko montažo (IEC 60384-24:2021)

Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (IEC 60384-24:2021)

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Festkondensatoren zur Verwendung in Geräten der Elektronik – Teil 24: Rahmenspezifikation – Oberflächenmontierbare Tantal-Elektrolyt-Kondensatoren mit leitfähigem Polymerfestkörper-Elektrolyten (IEC 60384-24:2021)

Condensateurs fixes utilisés dans les équipements électroniques - Partie 24: Spécification intermédiaire - Condensateurs fixes électrolytiques au tantale pour montage en surface à électrolyte solide en polymère conducteur (IEC 60384-24:2021)

Ta slovenski standard je istoveten z: EN IEC 60384-24:2021

ICS:

31.060.40	Tantalski elektrolitni kondenzatorji	Tantalum electrolytic capacitors
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en

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EUROPEAN STANDARD

EN IEC 60384-24

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2021

ICS 31.060.40; 31.060.50

Supersedes EN 60384-24:2015 and all of its amendments and corrigenda (if any)

English Version

**Fixed capacitors for use in electronic equipment - Part 24:
Sectional specification - Fixed tantalum electrolytic surface
mount capacitors with conductive polymer solid electrolyte
(IEC 60384-24:2021)**

Condensateurs fixes utilisés dans les équipements électroniques - Partie 24: Spécification intermédiaire - Condensateurs fixes électrolytiques au tantale pour montage en surface à électrolyte solide en polymère conducteur
(IEC 60384-24:2021)

Festkondensatoren zur Verwendung in Geräten der Elektronik - Teil 24: Rahmenspezifikation - Oberflächenmontierbare Tantal-Elektrolyt-Kondensatoren mit leitfähigem Polymerfestkörper-Elektrolyten
(IEC 60384-24:2021)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 60384-24:2021 (E)**European foreword**

The text of document 40/2849/FDIS, future edition 3 of IEC 60384-24, 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 IEC 60384-24:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-05-18 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-08-18 document have to be withdrawn

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

IEC 60068-2-58:2015 NOTE Harmonized as EN 60068-2-58:2015 (not modified)

IEC 60384-3 NOTE Harmonized as EN 60384-3

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where 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 60063	-	Preferred number series for resistors and capacitors	EN 60063	-
IEC 60068-1	2013	Environmental testing - Part 1: General and guidance	EN 60068-1	2014
IEC 60384-1	2016	Fixed capacitors for use in electronic equipment - Part 1: Generic specification	EN 60384-1	2016
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

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IEC 60384-24

Edition 3.0 2021-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fixed capacitors for use in electronic equipment –
Part 24: Sectional specification – Fixed tantalum electrolytic surface mount
capacitors with conductive polymer solid electrolyte**

**Condensateurs fixes utilisés dans les équipements électroniques –
Partie 24: Spécification intermédiaire – Condensateurs fixes électrolytiques
au tantale pour montage en surface à électrolyte solide en polymère conducteur**

INTERNATIONAL
ELECTROTECHNICAL
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CONTENTS

FOREWORD.....	5
1 Scope.....	7
2 Normative references	7
3 Terms and definitions	7
4 Preferred ratings and characteristics	8
4.1 Preferred characteristics	8
4.2 Preferred values of ratings	8
4.2.1 Nominal capacitance (C_N)	8
4.2.2 Tolerance on nominal capacitance.....	8
4.2.3 Rated voltage (U_R).....	8
4.2.4 Category voltage (U_C).....	9
4.2.5 Surge voltage (U_{RS} or U_{CS}).....	9
4.2.6 Rated temperature	9
5 Test and measurement procedures	9
5.1 General.....	9
5.2 Preliminary drying	9
5.3 Measuring conditions	9
5.4 Mounting.....	10
5.4.1 General	10
5.4.2 Initial inspections	10
5.4.3 Test conditions	10
5.4.4 Final inspections and requirements	10
5.5 Visual examination and check of dimensions.....	10
5.5.1 General	10
5.5.2 Visual examination and check of dimensions	10
5.5.3 Requirements	10
5.6 Electrical tests	10
5.6.1 Leakage current.....	10
5.6.2 Capacitance.....	11
5.6.3 Tangent of loss angle ($\tan \delta$).....	11
5.6.4 Equivalent series resistance (ESR) (if required).....	11
5.7 Resistance to soldering heat	12
5.7.1 General	12
5.7.2 Initial inspections	12
5.7.3 Test conditions	12
5.7.4 Recovery	12
5.7.5 Final inspections and requirements	12
5.8 Solderability.....	12
5.8.1 General	12
5.8.2 Final inspections and requirements	12
5.9 Shear test.....	12
5.10 Substrate bending test (if required).....	12
5.10.1 General	12
5.10.2 Initial inspections	12
5.10.3 Test conditions	12
5.10.4 Final inspections and requirements	12

5.11	Rapid change of temperature	13
5.11.1	General	13
5.11.2	Initial inspections	13
5.11.3	Test conditions	13
5.11.4	Recovery	13
5.11.5	Final inspections and requirements	13
5.12	Climatic sequence	13
5.12.1	General	13
5.12.2	Initial inspections	13
5.12.3	Dry heat	13
5.12.4	Damp heat, cyclic, test Db, first cycle	13
5.12.5	Cold	13
5.12.6	Damp heat, cyclic, test Db, remaining cycles	14
5.12.7	Recovery	14
5.12.8	Final inspections and requirements	14
5.13	Damp heat, steady state	14
5.13.1	General	14
5.13.2	Initial inspections	14
5.13.3	Test conditions	14
5.13.4	Recovery	14
5.13.5	Final inspections and requirements	14
5.14	Characteristics at high and low temperature	14
5.14.1	General	14
5.14.2	Initial inspections and requirements	14
5.15	Surge voltage	14
5.15.1	General	14
5.15.2	Initial inspections	15
5.15.3	Test conditions	15
5.15.4	Recovery	15
5.15.5	Final inspections and requirements	15
5.16	Endurance	15
5.16.1	General	15
5.16.2	Initial inspections	15
5.16.3	Test conditions	16
5.16.4	Recovery	16
5.16.5	Final inspections and requirements	16
5.17	Component solvent resistance (if required)	16
5.18	Solvent resistance of marking (if required)	16
5.19	High surge current (if required)	16
5.20	Storage at high temperature	16
5.20.1	General	16
5.20.2	Initial inspections	16
5.20.3	Test conditions	16
5.20.4	Recovery	16
5.20.5	Final inspections and requirements	16
6	Marking	17
6.1	General	17
6.2	Information for marking	17
6.3	Marking on capacitors	17

6.4	Marking on packaging	17
7	Information to be given in a detail specification	17
7.1	General.....	17
7.2	Outline drawing and dimensions	17
7.3	Mounting.....	18
7.4	Ratings and characteristics	18
7.4.1	General	18
7.4.2	Nominal capacitance range	18
7.4.3	Particular characteristics	18
7.4.4	Soldering	18
7.5	Marking.....	18
8	Quality assessment procedures	19
8.1	Primary stage of manufacture	19
8.2	Structurally similar components	19
8.3	Certified test records of released lots	19
8.4	Qualification approval (QA) procedures	19
8.4.1	General	19
8.4.2	Qualification approval on the basis of the fixed sample size procedure.....	19
8.4.3	Tests	20
8.5	Quality conformance inspections	27
8.5.1	Formation of inspection lots.....	27
8.5.2	Test schedule	28
8.5.3	Delayed delivery	28
8.5.4	Assessment levels	28
Annex X (informative)	Cross-references to the prior edition of this document	30
Bibliography	31
Table 1	– Category and surge voltages	9
Table 2	– Category and surge voltages	9
Table 3	– Sampling plan for qualification approval, assessment level EZ.....	21
Table 4	– Test schedule for qualification approval	22
Table 5	– Lot-by-lot inspection	28
Table 6	– Periodic inspection	29
Table X.1	– Reference to IEC 60384-24 for clauses/subclauses and tables.....	30

INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –**Part 24: Sectional specification – Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte**

FOREWORD

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International Standard IEC 60384-24 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 2015. This edition constitutes a technical revision.

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

- a) Revision of the structure in accordance with ISO/IEC Directives, Part 2:2018, to the extent practicable, and harmonization between other similar kinds of documents.
- b) In addition, Clause 5 and all the tables have been reviewed in order to prevent duplications and contradictions.

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

FDIS	Report on voting
40/2849/FDIS	40/2860/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

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 document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at <http://www.iec.ch/standardsdev/publications>.

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

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

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