

**SLOVENSKI STANDARD  
SIST EN IEC 60384-25:2021****01-november-2021****Nadomešča:****SIST EN 60384-25:2015**

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**Nespremenljivi kondenzatorji za elektronsko opremo - 25. del: Področna specifikacija - Nespremenljivi aluminijevi elektrolitski kondenzatorji s prevodnim polimernim trdim elektrolitom za površinsko montažo (IEC 60384-25:2021)**

Fixed capacitors for use in electronic equipment - Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte (IEC 60384-25:2021)

**iTeh STANDARD PREVIEW**(standards.iteh.ai)  
Festkondensatoren zur Verwendung in Geräten der Elektronik - Teil 25: Rahmenspezifikation - Oberflächenmontierbare Aluminium-Elektrolyt-Kondensatoren mit leitfähigem Polymerfestkörper-Elektrolyten (IEC 60384-25:2021)<https://standards.iteh.ai/catalog/standards/sist/c5ee31e5-9550-489d-af37-a4d9270e43ef/sist-en-iec-60384-25-2021>

Condensateurs fixes utilisés dans les équipements électroniques - Partie 25: Spécification intermédiaire: Condensateurs fixes électrolytiques en aluminium pour montage en surface à électrolyte solide en polymère conducteur (IEC 60384-25:2021)

**Ta slovenski standard je istoveten z: EN IEC 60384-25:2021****ICS:**

31.060.50	Aluminijski elektrolitni kondenzatorji	Aluminium electrolytic capacitors
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**SIST EN IEC 60384-25:2021****en**

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EUROPEAN STANDARD

EN IEC 60384-25

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2021

ICS 31.060.40; 31.060.50

Supersedes EN 60384-25:2015 and all of its amendments and corrigenda (if any)

English Version

Fixed capacitors for use in electronic equipment - Part 25:  
Sectional specification: Fixed aluminium electrolytic surface  
mount capacitors with conductive polymer solid electrolyte  
(IEC 60384-25:2021)

Condensateurs fixes utilisés dans les équipements électroniques - Partie 25: Spécification intermédiaire - Condensateurs fixes électrolytiques en aluminium pour montage en surface à électrolyte solide en polymère conducteur  
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Festkondensatoren zur Verwendung in Geräten der Elektronik - Teil 25: Rahmenspezifikation - Oberflächenmontierbare Aluminium-Elektrolyt-Kondensatoren mit leitfähigem Polymerfestkörper-Elektrolyten  
(IEC 60384-25:2021)

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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 60384-25:2021 (E)****European foreword**

The text of document 40/2850/FDIS, future edition 3 of IEC 60384-25, 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 60384-25:2021.

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) 2022-05-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-08-18

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[SIST EN IEC 60384-25:2021](#)

In the official version, for Bibliography, the following note has to be added for the standard indicated:

<https://standards.iteh.ai/catalog/standards/sist/c531e5-9550-489d-af37-a4d9270e43e1/sist-en-iec-60384-25-2021>

IEC 60384-18 NOTE Harmonized as EN 60384-18

## 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](http://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 60384-25

Edition 3.0 2021-07

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Fixed capacitors for use in electronic equipment –  
Part 25: Sectional specification – Fixed aluminium electrolytic surface mount  
capacitors with conductive polymer solid electrolyte**

**Condensateurs fixes utilisés dans les équipements électroniques –  
Partie 25: Spécification intermédiaire – Condensateurs fixes électrolytiques  
en aluminium pour montage en surface à électrolyte solide en polymère  
conducteur**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
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ICS 31.060.40; 31.060.50

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –****Part 25: Sectional specification – Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte**

## FOREWORD

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International Standard IEC 60384-25 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
40/2850/FDIS	40/2861/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](http://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>.

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