SLOVENSKI STANDARD
SIST EN IEC 60393-4:2024

01-februar-2024

Potenciometri za elektronsko opremo - 4. del: Področna specifikacija: enoobratni vrtljivi potenciometri moči (IEC 60393-4:2023)

Potentiometers for use in electronic equipment - Part 4: Sectional specification: Single-turn rotary power potentiometers (IEC 60393-4:2023)

Potentiometer zur Verwendung in Geräten der Elektronik - Teil 4: Rahmenspezifikation: Hochbelastbare Einfach-Drehpotentiometer (IEC 60393-4:2023)

Potentiomètres utilisés dans les équipements électroniques - Partie 4: Spécification intermédiaire: Potentiomètres rotatifs monotours à forte dissipation (IEC 60393-4:2023)

Ta slovenski standard je istoveten z: **EN IEC 60393-4:2023**

ICS:

31.040.20	Potenciometri, spremenljivi upori	Potentiometers, variable resistors

SIST EN IEC 60393-4:2024 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60393-4

December 2023

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English Version

Potentiometers for use in electronic equipment - Part 4: Sectional specification: Single-turn rotary power potentiometers (IEC 60393-4:2023)

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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

European foreword

The text of document 40/3074/FDIS, future edition 3 of IEC 60393-4, 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 60393-4:2023.

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) 2024-08-24
•	latest date by which the national standards conflicting with the document have to be withdrawn	(dow) 2026-11-24

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

A preceding document on the subject covered by this specification has been:

— CECC 41200:1978

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 60393-4:2023 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 standard indicated:

IEC 60068-1:2013 NOTE Approved as EN 60068-1:2014 (not modified)

IEC 80000 (series) NOTE Approved as EN IEC 80000 (series)

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.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60062	2016	Marking codes for resistors and capacitors	EN 60062	2016
+ A1	2019		+ A1	2019
IEC 60063	-	Preferred number series for resistors and capacitors	EN 60063	-
IEC 60068-2-1	-	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	-
IEC 60068-2-2	-	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	-
IEC 60393-1	2008	Potentiometers for use in electronic equipment - Part 1: Generic specification	EN 60393-1	2009
IEC 60915	-	Capacitors and resistors for use in electronic equipment - Preferred dimensions of shaft ends, bushes and for the mounting of single-hole, bush-mounted, shaft-operated electronic components	EN 60915	-
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
IEC 61439-1	-	Low-voltage switchgear and controlgear assemblies - Part 1: General rules	EN IEC 61439-1	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Potentiometers for use in electronic equipment – Part 4: Sectional specification: Single-turn rotary power potentiometers

Potentiomètres utilisés dans les équipements électroniques – Partie 4: Spécification intermédiaire: Potentiomètres rotatifs monotours à forte dissipation

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POTENTIOMETERS FOR USE IN ELECTRONIC EQUIPMENT –

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FOREWORD

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IEC 60393-4 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment. It is an International Standard.

This third edition cancels and replaces the second edition published in 1992 and constitutes a technical revision.

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

a) the document structure has been organized to follow new sectional specification structure decided in TC 40;
b) the information on the assessment level EZ and FZ (zero nonconforming) has been revised.

The text of this International Standard is based on the following documents:

Draft	Report on voting
40/3074/FDIS	40/3085/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.

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 www.iec.ch/publications.

A list of all parts in the IEC 60393 series, published under the general title *Potentiometers for use in electronic equipment*, can be found on the IEC website.

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, or
- revised.