

SLOVENSKI STANDARD

SIST EN IEC 60539-2:2019

01-december-2019

Nadomešča:

SIST EN 60539-2:2004

SIST EN 60539-2:2004/A1:2010

Neposredno ogrevani termistorji z negativnim temperaturnim koeficientom - 2. del: Področna specifikacija - Termistorji z negativnim temperaturnim koeficientom za površinsko montažo (IEC 60539-2:2019)

Directly heated negative temperature coefficient thermistors - Part 2: Sectional specification - Surface mount negative temperature coefficient thermistors (IEC 60539-2:2019)

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Direkt geheizte temperaturabhängige Widerstände mit negativem Temperaturkoeffizienten - Teil 2: Rahmenspezifikation - Oberflächenmontierbare temperaturabhängige Widerstände mit negativem Temperaturkoeffizienten (IEC 60539-2:2019)

Thermistances à coefficient de température négatif à chauffage direct - Partie 2: Spécification intermédiaire - Thermistances à coefficient de température négatif pour montage en surface (IEC 60539-2:2019)

Ta slovenski standard je istoveten z: EN IEC 60539-2:2019

ICS:

31.040.30 Termistorji Thermistors

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EUROPEAN STANDARD

EN IEC 60539-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2019

ICS 31.040.30

Supersedes EN 60539-2:2004 and all of its amendments
and corrigenda (if any)

English Version

Directly heated negative temperature coefficient thermistors -
Part 2: Sectional specification - Surface mount negative
temperature coefficient thermistors
(IEC 60539-2:2019)

Thermistances à coefficient de température négatif à
chauffage direct - Partie 2: Spécification intermédiaire -
Thermistances à coefficient de température négatif pour
montage en surface
(IEC 60539-2:2019)

Direkt geheizte temperaturabhängige Widerstände mit
negativem Temperaturkoeffizienten - Teil 2:
Rahmenspezifikation - Oberflächenmontierbare
temperaturabhängige Widerstände mit negativem
Temperaturkoeffizienten
(IEC 60539-2:2019)

This European Standard was approved by CENELEC on 2019-08-28. 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.

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[SIST EN IEC 60539-2:2019](https://standards.iteh.ai/catalog/standards/sist/952af615-999b-4707-b281-56770c301010/iec-60539-2-2019)

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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 60539-2:2019 (E)**European foreword**

The text of document 40/2672/FDIS, future edition 2 of IEC 60539-2, 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 60539-2:2019.

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) 2020-05-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-08-23

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The text of the International Standard IEC 60539-2:2019 was approved by CENELEC as a European Standard without any modification.

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 60068-2-2	2007	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	2007
IEC 60068-2-14	2009	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	EN 60068-2-14	2009
IEC 60068-2-58	2015	Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)	EN 60068-2-58	2015
+ A1	2017		+ A1	2018
IEC 60068-2-78	-	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	-
IEC 60539-1	2016	Directly heated negative temperature coefficient thermistors - Part 1: Generic specification	EN 60539-1	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 60539-2

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Directly heated negative temperature coefficient thermistors –
Part 2: Sectional specification – Surface mount negative temperature coefficient
thermistors**

**Thermistances à coefficient de température négatif à chauffage direct –
Partie 2: Spécification intermédiaire – Thermistances à coefficient de
température négatif pour montage en surface**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**DIRECTLY HEATED NEGATIVE TEMPERATURE
COEFFICIENT THERMISTORS –****Part 2: Sectional specification –
Surface mount negative temperature coefficient thermistors**

FOREWORD

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International Standard IEC 60539-2 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This second edition cancels and replaces the first edition published in 2003 and Amendment 1:2010. This edition constitutes a technical revision.

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

- a) revision for the structure in accordance with ISO/IEC Directives, Part 2:2016 (seventh edition) to the extent practicable, and for harmonizing with IEC 60539-1:2016;
- b) the upper category temperatures of 175 °C, 200 °C, 250 °C, 315 °C, 400 °C in Table 1 have been added;
- c) the dimensions of 0402M in Annex A have been added.

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

FDIS	Report on voting
40/2672/FDIS	40/2680/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

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

A list of all parts in the IEC 60539 series, published under the general title *Directly heated negative temperature coefficient thermistors*, 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 "<http://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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