

**SLOVENSKI STANDARD  
SIST EN 60738-1-3:2008****01-julij-2008****BUXca Yý U  
SIST EN 60738-1-3:2002**

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**Termistorji - Neposredno ogrevani s stopenjskim pozitivnim temperaturnim koeficientom - 1-3. del: Okvirna podrobna specifikacija - Uporaba za vklopni tok - Nivo ocenjevanja EZ (IEC 60738-1-3:2008)**

Thermistors - Directly heated positive step-function temperature coefficient - Part 1-3: Blank detail specification - Inrush current application - Assessment level EZ (IEC 60738-1-3:2008)

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Thermistoren - Direkt geheizte temperaturabhängige Widerstände mit positivem Temperaturkoeffizienten - Teil 1-3: Vordruck für Bauartspezifikation - Anwendung als Schaltelement - Bewertungsstufe EZ (IEC 60738-1-3:2008)

<https://standards.itteh.ai/catalog/standards/sist/1443d8e0-d39d-4ca5-b7a7-77d3f63ef6b9/sist-en-60738-1-3-2008>

Thermistances à basculement à coefficient de température positif à chauffage direct - Partie 1-3: Spécification particulière cadre - Application du courant d'appel - Niveau d'assurance de la qualité EZ (CEI 60738-1-3:2008)

**Ta slovenski standard je istoveten z: EN 60738-1-3:2008**

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**ICS:**

31.040.30 Termistorji Thermistors

**SIST EN 60738-1-3:2008 en**

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English version

**Thermistors -  
Directly heated positive step-function temperature coefficient -  
Part 1-3: Blank detail specification -  
Inrush current application -  
Assessment level EZ  
(IEC 60738-1-3:2008)**

Thermistances à basculement  
à coefficient de température positif  
à chauffage direct -  
Partie 1-3: Spécification particulière  
cadre -  
Application du courant d'appel -  
Niveau d'assurance de la qualité EZ  
(CEI 60738-1-3:2008)

Thermistoren -  
Direkt geheizte temperaturabhängige  
Widerstände mit positivem  
Temperaturkoeffizienten -  
Teil 1-3: Vordruck für Bauartspezifikation -  
Anwendung als Schaltelement -  
Bewertungsstufe EZ  
(IEC 60738-1-3:2008)

[SIST EN 60738-1-3:2008](https://standards.iteh.ai/catalog/standards/sist/1443d8e0-d39d-4ca5-b7a7-77d3f63ef6b9/sist-en-60738-1-3-2008)

<https://standards.iteh.ai/catalog/standards/sist/1443d8e0-d39d-4ca5-b7a7-77d3f63ef6b9/sist-en-60738-1-3-2008>

This European Standard was approved by CENELEC on 2008-03-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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

## CENELEC

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 40/1876/FDIS, future edition 2 of IEC 60738-1-3, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60738-1-3 on 2008-03-01.

This European Standard supersedes EN 60738-1-3:1999.

EN 60738-1-3:2008 contains changes with respect to the referenced subclauses of the revised generic specification EN 60738-1.

This standard is to be used in conjunction with EN 60738-1.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2008-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-03-01

Annex ZA has been added by CENELEC.

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**Endorsement notice**  
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The text of the International Standard IEC 60738-1-3:2008 was approved by CENELEC as a European Standard without any modification.

[SIST EN 60738-1-3:2008](https://standards.iteh.ai/catalog/standards/sist/1443d8e0-d39d-4ca5-b7a7-77d3f63ef6b9/sist-en-60738-1-3-2008)

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u>     | <u>Title</u>  | <u>EN/HD</u>                      | <u>Year</u>                |
|--------------------|-----------------|---|-----------------------------------|----------------------------|
| IEC 60068-2-58     | - <sup>1)</sup> | Environmental testing -<br>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<br>+ corr. December | 2004 <sup>2)</sup><br>2004 |
| IEC 60410          | 1973            | Sampling plans and procedures for inspection -<br>by attributes   |                                   | -                          |
| IEC 60738-1        | 2006            | Thermistors - Directly heated positive<br>temperature coefficient -<br>Part 1: Generic specification  | EN 60738-1                        | 2006                       |

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

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# INTERNATIONAL STANDARD

QC 440003

**Thermistors – Directly heated positive step-function temperature coefficient –  
Part 1-3: Blank detail specification – Inrush current application – Assessment  
level EZ**

[SIST EN 60738-1-3:2008](https://standards.iteh.ai/catalog/standards/sist/1443d8e0-d39d-4ca5-b7a7-77d3f63ef6b9/sist-en-60738-1-3-2008)

<https://standards.iteh.ai/catalog/standards/sist/1443d8e0-d39d-4ca5-b7a7-77d3f63ef6b9/sist-en-60738-1-3-2008>

INTERNATIONAL  
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COMMISSION

PRICE CODE

**M**

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**THERMISTORS –  
DIRECTLY HEATED POSITIVE STEP-FUNCTION  
TEMPERATURE COEFFICIENT –**

**Part 1-3: Blank detail specification –  
Inrush current application –  
Assessment level EZ**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60738-1-3 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This second edition cancels and replaces the first edition issued in 1998. It constitutes a technical revision.

This edition contains changes with respect to the referenced subclauses of the revised Generic Specification IEC 60738-1.

This publication is to be read in conjunction with IEC 60738-1



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

| FDIS         | Report on voting |
|--------------|------------------|
| 40/1876/FDIS | 40/1893/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.

The QC number that appears on the front cover of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

The list of all parts of the IEC 60738 series, under the (new) general title *Thermistors – Directly heated positive step-function temperature coefficient*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site 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.

A bilingual version of this publication may be issued at a later date.

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