



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62319-1:2005

ICS 31.040.30

POLYMERIC THERMISTORS - DIRECTLY

HEATED POSITIVE STEP FUNCTION

TEMPERATURE COEFFICIENT PART 1:

GENERIC SPECIFICATION (IEC 62319-1:2005)

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 62319-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2005

ICS 31.040.30

English version

**Polymeric thermistors -
Directly heated positive step function temperature coefficient
Part 1: Generic specification
(IEC 62319-1:2005)**

Thermistances polymères -
Coefficient de température positif
de fonction échelon à chauffage direct
Partie 1: Spécification générique
(CEI 62319-1:2005)

Temperaturabhängige Widerstände
aus Polymerwerkstoffen -
Direkt geheizte temperaturabhängige
Widerstände mit positivem
Temperaturkoeffizienten
Teil 1: Fachgrundspezifikation
(IEC 62319-1:2005)

This European Standard was approved by CENELEC on 2005-02-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and 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 40/1505/FDIS, future edition 1 of IEC 62319-1, 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 62319-1 on 2005-02-01.

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) | 2005-12-01 |
| – latest date by which the national standards conflicting
with the EN have to be withdrawn | (dow) | 2008-02-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62319-1:2005 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 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 Where 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 60027-1	- ¹⁾	Letter symbols to be used in electrical technology Part 1: General	HD 60027-1	2004 ²⁾
IEC 60050	Series	International Electrotechnical Vocabulary	EN 60050	Series
IEC 60068-1	- ¹⁾	Environmental testing Part 1: General and guidance	EN 60068-1	1994 ²⁾
IEC 60068-2-6	- ¹⁾	Part 2: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	1995 ²⁾
IEC 60068-2-14	- ¹⁾	Part 2: Tests - Test N: Change of temperature	EN 60068-2-14	1999 ²⁾
IEC 60068-2-20	- ¹⁾	Part 2: Tests - Test T: Soldering	HD 323.2.20 S3	1988 ²⁾
IEC 60068-2-21	- ¹⁾	Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices	EN 60068-2-21	1999 ²⁾
IEC 60068-2-27	- ¹⁾	Part 2: Tests - Test Ea and guidance: Shock	EN 60068-2-27	1993 ²⁾
IEC 60068-2-29	- ¹⁾	Part 2: Tests - Test Eb and guidance: Bump	EN 60068-2-29	1993 ²⁾
IEC 60068-2-45	- ¹⁾	Part 2: Tests - Test Xa and guidance: Immersion in cleaning solvents	EN 60068-2-45	1992 ²⁾
IEC 60294	- ¹⁾	Measurement of the dimensions of a cylindrical component having two axial terminations	-	-
IEC 60410	- ¹⁾	Sampling plans and procedures for inspection by attributes	-	-
IEC 60617	database	Graphical symbols for diagrams	-	-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IECQ 001002-3	- ¹⁾	IEC Quality Assessment System for Electronic Components (IECQ) - Rules of Procedure Part 3: Approval procedures	-	-
IECQ 001003	- ¹⁾	IEC Quality Assessment System for Electronic Components (IECQ) - Guidance documents	-	-
ISO 1000	- ¹⁾	SI units and recommendations for the use of their multiples and of certain other units	-	-

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