



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60115-9:2004

ICS 31.040.10

**FIXED RESISTORS FOR USE IN ELECTRONIC
EQUIPMENT PART 9: SECTIONAL
SPECIFICATION - FIXED SURFACE MOUNT
RESISTOR NETWORKS WITH INDIVIDUALLY
MEASURABLE RESISTORS (IEC 60115-9:2003)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 60115-9

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2004

ICS 31.040.10

English version

**Fixed resistors for use in electronic equipment
Part 9: Sectional specification -
Fixed surface mount resistor networks
with individually measurable resistors
(IEC 60115-9:2003)**

Résistances fixes utilisées
dans les équipements électroniques
Partie 9: Spécification intermédiaire -
Réseaux de résistances fixes montés
en surface avec des résistances
mesurables individuellement
(CEI 60115-9:2003)

Festwiderstände zur Verwendung
in Geräten der Elektronik
Teil 9: Rahmenspezifikation -
Oberflächenmontierbare Netzwerke
aus Festwiderständen mit einzeln
messbaren Widerständen
(IEC 60115-9:2003)

This European Standard was approved by CENELEC on 2004-02-01. 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 40/1344/FDIS, future edition 1 of IEC 60115-9, 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 60115-9 on 2004-02-01.

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) 2004-11-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2007-02-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60115-9:2003 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 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 60063	1963	Preferred number series for resistors and capacitors	-	-
A1	1967		-	-
A2	1977		-	-
IEC 60068-1	- ¹⁾	Environmental testing Part 1: General and guidance	EN 60068-1	1994 ²⁾
IEC 60068-2-1	- ¹⁾	Part 2: Tests - Tests A: Cold	EN 60068-2-1	1993 ²⁾
IEC 60068-2-2	- ¹⁾	Part 2: Tests - Tests B: Dry heat	EN 60068-2-2	1993 ²⁾
IEC 60115-1 (mod)	1999	Fixed resistors for use in electronic equipment Part 1: Generic specification	EN 60115-1	2001

1) Undated reference.

2) Valid edition at date of issue.

INTERNATIONAL STANDARD

IEC
60115-9

First edition
2003-10

Fixed resistors for use in electronic equipment –

Part 9:

Sectional specification:

**Fixed surface mount resistor networks
with individually measurable resistors**



Reference number
IEC 60115-9:2003(E)

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