



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61189-1:1999

ICS 31.180

**TEST METHODS FOR ELECTRICAL
MATERIALS, INTERCONNECTION
STRUCTURES AND ASSEMBLIES PART 1:
GENERAL TEST METHODS AND
METHODOLOGY (IEC 61189-1:1997)**

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EUROPEAN STANDARD
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EN 61189-1

April 1997

ICS 31.180

Descriptors: Printed boards, interconnection structures, electrical materials, assemblies, general test methods, methodology

English version

**Test methods for electrical materials,
interconnection structures and assemblies
Part 1: General test methods and methodology
(IEC 61189-1:1997)**

Méthodes d'essais pour les matériaux
électriques, les structures
d'interconnexion et les ensembles
Partie 1: Méthodes d'essai générales
et méthodologie
(CEI 61189-1:1997)

Prüfverfahren für Elektromaterialien,
Verbindungsstrukturen und Baugruppen
Teil 1: Allgemeine Prüfverfahren und
Methodik
(IEC 61189-1:1997)

This European Standard was approved by CENELEC on 1997-03-11. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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 52/635/FDIS, future edition 1 of IEC 61189-1, prepared by IEC TC 52, Printed circuits, in cooperation with IEC TC 91, Surface mounting technology, and IEC TC 50, Environmental testing, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61189-1 on 1997-03-11.

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) 1997-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1997-12-01

This part 1 of EN 61189 is to be used in conjunction with the other parts of EN 61189 and with the EN 60068 series.

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annexes A and B are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61189-1:1997 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60068-1	1988	Environmental testing Part 1: General and guidance	EN 60068-1 ¹⁾	1994

1) EN 60068-1 includes the corrigendum October 1988 and A1:1992 to IEC 60068-1.

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