



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62197-1:2006

ICS 31.220.10

**CONNECTORS FOR ELECTRONIC
EQUIPMENT - QUALITY ASSESSMENT
REQUIREMENTS -- PART 1: GENERIC
SPECIFICATION**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62197-1

June 2006

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English version

**Connectors for electronic equipment -
Quality assessment requirements
Part 1: Generic specification
(IEC 62197-1:2006)**

Connecteurs pour équipements
électroniques -
Exigences d'assurance de la qualité
Partie 1: Spécification générique
(CEI 62197-1:2006)

Steckverbinder für elektronische
Einrichtungen -
Qualitätsbewertungsanforderungen
Teil 1: Fachgrundspezifikation
(IEC 62197-1:2006)

This European Standard was approved by CENELEC on 2006-05-01. 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, 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

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Foreword

The text of document 48B/1622/FDIS, future edition 1 of IEC 62197-1, prepared by SC 48B, Connectors, of IEC TC 48, Electromechanical components and mechanical structures for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62197-1 on 2006-05-01.

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) 2007-02-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2009-05-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62197-1:2006 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 60050-581	1978	International Electrotechnical Vocabulary (IEV) - Chapter 581: Electromechanical components for electronic equipment	-	-
IEC 60068-1 + corr. October	1988 1988	Environmental testing - Part 1: General and guidance	EN 60068-1 ¹⁾	1994
IEC 60410	1973	Sampling plans and procedures for inspection - by attributes	-	-
IEC 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series
IEC 61076-1	2006	Connectors for electronic equipment - Product requirements - Part 1: Generic specification	EN 61076-1	2006
IEC/TR 62225	2001	Guidance on terms for connectors and mechanical structures in electronic equipment	-	-
IEC Guide 102	1996	Electronic components - Specification structures for quality assessment (Qualification approval and capability approval)	-	-
IEC QC 001002-2	- ²⁾	IEC Quality Assessment System for Electronic Components (IECQ) - Rules of Procedure - Part 2: Documentation	-	-
IEC QC 001002-3	- ²⁾	IEC Quality Assessment System for Electronic Components (IECQ) - Rules of Procedure - Part 3: Approval procedures	-	-
IEC QC 210000	- ²⁾	Technology Approval Schedules - Requirements under the IECQ Quality Assessment System for Electronic Components (IECQ)	-	-

¹⁾ EN 60068-1 includes A1 to IEC 60068-1.

²⁾ Undated reference.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 2859-1	- ²⁾	Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection	-	-

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