



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60512-23-7:2005

ICS 31.220.10

**CONNECTORS FOR ELECTRONIC
EQUIPMENT - TESTS AND MEASUREMENTS
PART 23-7: SCREENING AND FILTERING
TESTS - TEST 23G: EFFECTIVE TRANSFER
IMPEDANCE OF CONNECTORS (IEC
60512-23-7:2005)**

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EUROPEAN STANDARD

EN 60512-23-7

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2005

ICS 31.220.10

English version

**Connectors for electronic equipment –
Tests and measurements
Part 23-7: Screening and filtering tests –
Test 23g: Effective transfer impedance of connectors
(IEC 60512-23-7:2005)**

Connecteurs pour équipements
électroniques –
Essais et mesures
Partie 23-7: Essais d'écrantage
et de filtrage –
Essai 23g: Impédance de transfert
efficace des connecteurs
(CEI 60512-23-7:2005)

Steckverbinder für elektronische
Einrichtungen –
Mess- und Prüfverfahren
Teil 23-7: Prüfungen der Schirmung und
Dämpfung –
Prüfung 23g: Effektive Transferimpedanz
von Steckverbindern
(IEC 60512-23-7:2005)

This European Standard was approved by CENELEC on 2005-03-01. 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, 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 48B/1505/FDIS, future edition 1 of IEC 60512-23-7, 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 60512-23-7 on 2005-03-01.

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) | 2008-03-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60512-23-7:2005 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 60050-581 | - ¹⁾ | International Electrotechnical Vocabulary (IEV) Chapter 581: Electromechanical components for electronic equipment | - | - |
| IEC 60068-1 | 1988 | Environmental testing Part 1: General and guidance | EN 60068-1 ²⁾ | 1994 |
| IEC 60512-1-100 | - ¹⁾ | Connectors for electronic equipment - Tests and measurements Part 1-100: General - Applicable publications | EN 60512-1-100 | 2001 ³⁾ |
| IEC 60512-23-3 | - ¹⁾ | Electromechanical components for electronic equipment – Basic testing procedures and measuring methods Part 23-3: Test 23c: Shielding effectiveness of connectors and accessories | EN 60512-23-3 | 2001 ³⁾ |
| IEC 61196-1 | 1995 | Radio-frequency cables Part 1: Generic specification - General, definitions, requirements and test methods | - | - |

¹⁾ Undated reference.

²⁾ EN 60068-1 includes corrigendum October 1988 + A1:1992 to IEC 60068-1.

³⁾ Valid edition at date of issue.

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