



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61076-3-112:2006

ICS 31.220.10

**CONNECTORS FOR ELECTRONIC
EQUIPMENT -- PART 3-112:
RECTANGULAR CONNECTORS - DETAIL
SPECIFICATION FOR RECTANGULAR
CONNECTORS WITH FOUR CONTACTS
FOR HIGH PERFORMANCE SERIAL BUS
FOR CONSUMER AUDIO/VIDEO
EQUIPMENT**

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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland and comes into
effect on:
18 July 2006*

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61076-3-112

June 2006

ICS 31.220.10

English version

**Connectors for electronic equipment
Part 3-112: Rectangular connectors -
Detail specification for rectangular connectors with
four contacts for high performance serial bus for
consumer audio/video equipment
(IEC 61076-3-112:2006)**

Connecteurs pour équipements
électroniques
Partie 3-112: Connecteurs rectangulaires -
Spécification particulière
pour connecteurs rectangulaires
à quatre contacts pour bus série
à haute performance utilisés dans les
équipements audio/vidéo grand public
(CEI 61076-3-112:2006)

Steckverbinder für elektronische
Einrichtungen
Teil 3-112: Rechteckige Steckverbinder -
Bauartspezifikation für rechteckige
Steckverbinder mit vier Kontakten
für serielle Hochgeschwindigkeitsbusse
in Audio- und Videosystemen
(IEC 61076-3-112:2006)

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/1620/FDIS, future edition 1 of IEC 61076-3-112, 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 61076-3-112 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 61076-3-112:2006 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 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series
IEC 60512-1-100	- ¹⁾	Connectors for electronic equipment - Tests and measurements - Part 1-100: General - Applicable publications	EN 60512-1-100	2006 ²⁾
IEC 61000-4-1	- ¹⁾	Electromagnetic compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of IEC 61000-4 series	EN 61000-4-1	2000 ²⁾
IEC 61000-4-2	- ¹⁾	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	1995 ²⁾
IEC 61076-1	- ¹⁾	Connectors for electronic equipment - Product requirements - Part 1: Generic specification	EN 61076-1	2006 ²⁾
IEC 61076-3	1999	Connectors for use in d.c., low-frequency analogue and digital high-speed data applications - Part 3: Rectangular connectors with assessed quality - Sectional specification	EN 61076-3	2000
IEC 62197-1	2006	Connectors for electronic equipment - Quality assessment requirements - Part 1: Generic specification	EN 62197-1	2006

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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