



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60297-3-104:2006

ICS 31.240

**MECHANICAL STRUCTURES FOR  
ELECTRONIC EQUIPMENT - DIMENSIONS  
OF MECHANICAL STRUCTURES OF THE  
482,6 MM (19 IN) SERIES -- PART 3-104:  
CONNECTOR DEPENDENT INTERFACE  
DIMENSIONS OF SUBRACKS AND PLUG-IN  
UNITS**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60297-3-104**

June 2006

ICS 31.240

English version

**Mechanical structures for electronic equipment -  
Dimensions of mechanical structures  
of the 482,6 mm (19 in) series  
Part 3-104: Connector dependent interface dimensions  
of subracks and plug-in units  
(IEC 60297-3-104:2006)**

Structures mécaniques pour équipements  
électroniques -  
Dimensions des structures mécaniques  
de la série de 482,6 mm (19 in)  
Partie 3-104: Dimensions de l'interface  
des bacs et blocs enfichables en fonction  
du connecteur  
(CEI 60297-3-104:2006)

Bauweisen für elektronische  
Einrichtungen -  
Maße der 482,6-mm-(19-in-)Bauweise  
Teil 3-104: Steckverbinderabhängige  
Schnittstellenmaße für  
Baugruppenträger und Baugruppen  
(IEC 60297-3-104:2006)

This European Standard was approved by CENELEC on 2006-06-01. 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.

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**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 48D/337/FDIS, future edition 1 of IEC 60297-3-104, prepared by SC 48D, Mechanical structures for electronic equipment, 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 60297-3-104 on 2006-06-01.

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) 2007-03-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2009-06-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60297-3-104:2006 was approved by CENELEC as a European Standard without any modification.

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## 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 60297-3-101	- <sup>1)</sup>	Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-101: Subracks and associated plug-in units	EN 60297-3-101	2004 <sup>2)</sup>
IEC 60603-2	1995	Connectors for frequencies below 3 MHz for use with printed boards - Part 2: Detail specification for two-part connectors with assessed quality, for printed boards, for basic grid of 2,54 mm (0,1 in) with common mounting features	EN 60603-2	1998
IEC 60917-1	- <sup>1)</sup>	Modular order for the development of mechanical structures for electronic equipment practices - Part 1: Generic standard	EN 60917-1	1998 <sup>2)</sup>
IEC 61076-4-101 + corr. November	2001 2003	Connectors for electronic equipment - Part 4-101: Printed board connectors with assessed quality - Detail specification for two-part connector modules, having a basic grid of 2,0 mm for printed boards and backplanes in accordance with IEC 60917	EN 61076-4-101	2001
IEC 61076-4-113	2002	Connectors for electronic equipment - Printed board connectors - Part 4-113: Detail specification for two-part connectors having 5 rows with a grid of 2,54 mm for printed boards and backplanes in bus applications	EN 61076-4-113	2003

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.



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