

Mechanical structures for electronic equipment — Dimensions of mechanical structures of the 482,6 mm (19 in) series —

Part 4: Subracks and associated plug-in units — Additional dimensions

The European Standard EN 60297-4:1995, with the incorporation of amendment A1:1999, has the status of a British Standard

ICS 31.240

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee EPL/48, Electromechanical components for electronic equipment, upon which the following bodies were represented:

- Federation of the Electronics Industry
- Ministry of Defence
- National Supervising Inspectorate

The following bodies were also represented in the drafting of the standard through subcommittees:

- Association of Manufacturers Allied to the Electrical and Electronics Industry (BEAMA Ltd.)
- British Telecommunications plc

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 December 1995

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The following BSI references relate to the work on this standard:
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National foreword

This British Standard has been prepared by Technical Committee EPL/48 and is the English language version of EN 60297-4:1995 *Mechanical structures for electronic equipment — Dimensions of mechanical structures of the 482,6 mm (19 in) series — Part 4: Subracks and associated plug-in units — Additional dimensions* including amendment A1:1999, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 60297-4:1995 including amendment 1:1999, published by the International Electrotechnical Commission (IEC).

From 1 January 1997, all IEC publications have the number 60000 added to the old number. For instance, IEC 27-1 has been renumbered as IEC 60027-1. For a period of time during the changeover from one numbering system to the other, publications may contain identifiers from both systems.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by **A1** **A1**.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index” or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 15 and a back cover.

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Mechanical structures for electronic equipment —
Dimensions of mechanical structures of
the 482,6 mm (19 in) series
Part 4: Subracks and associated plug-in units —
Additional dimensions

(includes amendment A1:1999)
(IEC 60297-4:1995 + A1:1999)

Structures mécaniques pour équipement
électronique —
Dimensions des structures mécaniques de la
série de 482,6 mm (19 in)
Partie 4: Bacs et blocs enfichables associés —
Dimensions supplémentaires
(inclut l'amendement A1:1999)
(CEI 60297-4:1995 + A1:1999)

Bauweisen für elektronische Einrichtungen —
Maße der 482,6 -mm-(19 in)-Bauweise
Teil 4: Baugruppenträger und Baugruppen —
Zusätzliche Maße
(enthält Änderung A1:1999)
(IEC 60297-4:1995 + A1:1999)

This European Standard was approved by CENELEC on 1995-03-06 amendment A1 was approved by CENELEC on 1999-05-01. 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.

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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(CO)42, future edition 1 of IEC 297-4, 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 60297-4 on 1995-03-06.

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) 1996-03-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-03-01

Annexes designated “normative” are part of the body of the standard. In this standard, Annex ZA is normative. Annex ZA has been added by CENELEC.

This Part 4 of EN 60297 shall be used in conjunction with the following standards:

EN 60249	series	Base materials for printed circuits (IEC 249, series)
HD 493.1 S1	1988	Dimensions of mechanical structures of the 482,6 mm (19 in) series Part 1: Panels and racks (IEC 297-1:1986)
HD 493.2 S1	1988	Part 2: Cabinets and pitches of rack structures (IEC 297-2:1982)
HD 493.3 S2	1993	Part 3: Subracks and associated plug-in units (IEC 297-3:1984 + A1:1992)
HD 550 S1	1989	Mechanical structures for electronic equipment — Terminology (IEC 916:1988)
IEC 603-1 A1	1991 1992	Connectors for frequencies below 3 MHz for use with printed boards Part 1: Generic specification — General requirements and guide for the preparation of detail specifications, with assessed quality

IEC 603-2	1988	Part 2: Two-part connectors for printed boards, for basic grid of 2,54 mm (0,1 in), with common mounting features
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Foreword to amendment A1

The text of document 48D/179/FDIS, future amendment 1 to IEC 60297-4, 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 amendment A1 to EN 60297-4:1995 on 1999-05-01.

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- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2002-05-01

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