

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

Part 5-107: Subracks and associated plug-in units — Rear mounted plug-in units

The European Standard EN 60297-5-107:2001 has the status of a
British Standard

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National foreword

This British Standard is the official English language version of EN 60297-5-107:2001. It is identical with IEC 60297-5-107:2001

The UK participation in its preparation was entrusted by Technical Committee EPL/48, Electromechanical components for electronic equipment, to Subcommittee EPL/48/4, Mechanical structures for electronic equipment, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Summary of pages

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**Mechanical structures for electronic equipment -
Dimensions of mechanical structures of the 482,6 mm (19 in) series
Part 5-107: Subracks and associated plug-in units -
Rear mounted plug-in units
(IEC 60297-5-107:2001)**

Structures mécaniques pour équipement
électronique -

Dimensions des structures mécaniques
de la série de 482,6 mm (19 in)

Partie 5-107: Bacs et blocs enfichables
associés - Blocs enfichables à montage
arrière

(CEI 60297-5-107:2001)

Bauweisen für elektronische
Einrichtungen -

Maße der 482,6-mm-(19-in-)Bauweise
Teil 5-107: Baugruppenträger und

zugehörige Baugruppen -
Rückseitig zu steckende Baugruppen
(IEC 60297-5-107:2001)

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CENELEC

European Committee for Electrotechnical Standardization
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Foreword

The text of document 48D/244/FDIS, future edition 1 of IEC 60297-5-107, 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 60297-5-107 on 2001-03-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
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- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2004-03-01

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.

Endorsement notice

The text of the International Standard IEC 60297-5-107:2001 was approved by CENELEC as a European Standard without any modification.

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INTRODUCTION

This part of IEC 60297 is based on IEC 60297-3 (1984), its Amendment 1 (1992), and IEC 60297-4 (1995). It contains detail dimensions which ensure dimensional interchangeability of sub racks with front mounted plug-in units per IEC 60297-4 requiring additional rear mounted plug-in units as defined in this standard. Front and/or rear sub rack mounted plug-in units are mechanically identical (not electrically), however, the rear sub rack mounted plug-in unit is mounted in a mirror image position to the front sub rack mounted plug-in unit. The component side 1 (printed board reference plane) of the front mounted plug-in unit and the component side 1 of the rear mounted plug-in unit (printed board reference plane) are thus "in line". The first front mounted plug-in unit refers to the first printed board position on the left side of the sub rack, viewed from the front. The first rear mounted plug-in unit refers to the first rear mounted plug-in unit position on the right side of the sub rack, viewed from the rear.

Like many of the IEC 60297-3 and IEC 60297-4 sub racks and associated plug-in unit basic dimensions, this standard also refers to the IEC 60603-2 connector series for its basic dimensional relationship.

This standard applies only to the mechanical structures for electronic equipment practices according to the IEC 60297 series.