

BS EN 61587-4:2012



BSI Standards Publication

Mechanical structures for electronic equipment — Tests for IEC 60917 and IEC 60297 series

Part 4: Combination of performance
levels for modular cabinets

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National foreword

This British Standard is the UK implementation of EN 61587-4:2012.
It is identical to IEC 61587-4:2012.

The UK participation in its preparation was entrusted to Technical Committee EPL/48, Electromechanical components and mechanical structures for electronic equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments issued since publication

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EUROPEAN STANDARD
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EN 61587-4

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English version

**Mechanical structures for electronic equipment -
Tests for IEC 60917 and IEC 60297 series -
Part 4: Combination of performance levels for modular cabinets
(IEC 61587-4:2012)**

Structures mécaniques pour équipement
électronique -
Essais pour les séries CEI 60917
et CEI 60297 -
Partie 4: Combinaison des niveaux de
performance pour les baies modulaires
(CEI 61587-4:2012)

Mechanische Bauweisen für elektronische
Einrichtungen -
Prüfungen für die Normenreihen
IEC 60917 und IEC 60297 -
Teil 4: Kombination von
Anforderungsstufen für modulare
Schränke
(IEC 61587-4:2012)

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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 48D/514/FDIS, future edition 1 of IEC 61587-4, 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 approved by CENELEC as EN 61587-4:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-06-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-09-17

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60297 Series	NOTE	Harmonised as EN 60297 Series (not modified).
IEC 60917 Series	NOTE	Harmonised as EN 60917 Series (not modified).
IEC 60950-1	NOTE	Harmonised as EN 60950-1.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 60529	-	Degrees of protection provided by enclosures (IP Code)	EN 60529	-
IEC 61587-1	-	Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 series - Part 1: Environmental requirements, test set-up and safety aspects for cabinets, racks, subracks and chassis under indoor conditions	EN 61587-1	-
IEC 61587-2	-	Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 - Part 2: Seismic tests for cabinets and racks	EN 61587-2	-
IEC 61587-3	-	Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 - Part 3: Electromagnetic shielding performance tests for cabinets, racks and subracks	EN 61587-3	-