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ILNAS-EN IEC 62966-1:2019

Mechanical structures for electrical and electronic equipment - Aisle containment for IT cabinets - Part 1: Dimensions and mechanical

Mechanische Bauweisen für elektrische
und elektronische Einrichtungen –
Gangeinhausung für IT-Schränke – Teil 1:
Maße und mechanische Anforderungen

Structures mécaniques pour
équipements électriques et électroniques
- Confinement d'allées pour les baies
informatiques - Partie 1: Dimensions et

04/2019



National Foreword

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EUROPEAN STANDARD **EN IEC 62966-1**

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**Mechanical structures for electrical and electronic equipment -
Aisle containment for IT cabinets - Part 1: Dimensions and
mechanical requirements
(IEC 62966-1:2019)**

Structures mécaniques pour équipements électriques et
électroniques - Confinement d'allées pour les baies
informatiques - Partie 1: Dimensions et exigences
mécaniques
(IEC 62966-1:2019)

Mechanische Bauweisen für elektrische und elektronische
Einrichtungen - Gangeinhausung für IT-Schränke - Teil 1:
Maße und mechanische Anforderungen
(IEC 62966-1:2019)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 48D/691/FDIS, future edition 1 of IEC 62966-1, prepared by SC 48D "Mechanical structures for electrical and electronic equipment" of IEC/TC 48 "Electrical connectors and mechanical structures for electrical and electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62966-1:2019.

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) 2020-01-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-04-12

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

IEC 60297-3-100	NOTE	Harmonized as EN 60297-3-100
IEC 60297-3-101	NOTE	Harmonized as EN 60297-3-101
IEC 60297-3-102	NOTE	Harmonized as EN 60297-3-102
IEC 60297-3-103	NOTE	Harmonized as EN 60297-3-103
IEC 60297-3-104	NOTE	Harmonized as EN 60297-3-104
IEC 60297-3-105	NOTE	Harmonized as EN 60297-3-105
IEC 60297-3-106	NOTE	Harmonized as EN 60297-3-106
IEC 60297-3-107	NOTE	Harmonized as EN 60297-3-107
IEC 60297-3-108	NOTE	Harmonized as EN 60297-3-108
IEC 60297-3-109	NOTE	Harmonized as EN 60297-3-109
IEC 60917-1	NOTE	Harmonized as EN 60917-1
IEC 60917-2	NOTE	Harmonized as EN 60917-2
IEC 60917-2-1	NOTE	Harmonized as EN 60917-2-1
IEC 60917-2-2	NOTE	Harmonized as EN 60917-2-2
IEC 60917-2-3	NOTE	Harmonized as EN 60917-2-3
IEC 60917-2-4	NOTE	Harmonized as EN 60917-2-4
IEC 60917-2-5	NOTE	Harmonized as EN 60917-2-5
IEC 62610-2	NOTE	Harmonized as EN IEC 62610-2

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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 condition use and transportation	EN 61587-1	-
IEC 61587-2	-	Mechanical structures for electronic equipment - Tests for IEC 60917 and 60297 - Part 2: Seismic tests for cabinets and racks	EN 61587-2	-
IEC 62966-2 ¹	-	Mechanical structures for electrical and - electronic equipment - Aisle containment for IT cabinets - Part 2: Details of air flow, air separation and air cooling requirements		-

¹ Under preparation. Stage at time of publication: CCDV.



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**Mechanical structures for electrical and electronic equipment – Aisle
containment for it cabinets –**

Part 1: Dimensions and mechanical requirements

Structures mécaniques pour équipements électriques et électroniques –

Confinement d'allées pour les baies informatiques –

Partie 1: Dimensions et exigences mécaniques

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