

**SLOVENSKI  
STANDARD**

**SIST EN 60917-1:2002/A1:2002**

prva izdaja  
september 2002

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Mechanical structures for electronic equipment - Part 1: Generic standard -  
Amendment A1 (IEC 60917-1:1998/A1:2000)

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ICS 31.240

Referenčna številka  
SIST EN 60917-1:2002/A1:2002(en)

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EUROPEAN STANDARD

**EN 60917-1/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2000

ICS 31.240

English version

**Modular order for the development of mechanical structures  
for electronic equipment practices  
Part 1: Generic standard  
(IEC 60917-1:1998/A1:2000)**

Ordre modulaire pour le développement  
des structures mécaniques  
pour les infrastructures électroniques  
Partie 1: Norme générique  
(CEI 60917-1:1998/A1:2000)

Modulordnung für die Entwicklung  
von Bauweisen für elektronische  
Einrichtungen  
Teil 1: Fachgrundnorm  
(IEC 60917-1:1998/A1:2000)

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This amendment A1 modifies the European Standard EN 60917-1:1998; it was approved by CENELEC on 2000-06-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**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/222/FDIS, future amendment 1 to IEC 60917-1:1998, 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 60917-1:1998 on 2000-06-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2001-03-01
- latest date by which the national standards conflicting  
with the amendment have to be withdrawn (dow) 2003-06-01

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## Endorsement notice

The text of amendment 1:2000 to the International Standard IEC 60917-1:1998 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC

60917-1

1998

AMENDEMENT 1  
AMENDMENT 1  
2000-05

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Amendement 1

**Ordre modulaire pour le développement des  
structures mécaniques pour les infrastructures  
électroniques –**

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**Partie 1:  
Norme générique**  
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Amendment 1

**Modular order for the development of mechanical  
structures for electronic equipment practices –**

**Part 1:  
Generic standard**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

D

*Pour prix, voir catalogue en vigueur  
For price, see current catalogue*

## FOREWORD

This amendment has been prepared by subcommittee 48D: Mechanical structures for electronic equipment, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

The text of this amendment is based on the following documents:

FDIS	Report on voting
48D/222/FDIS	48D/232/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

Page 11

### 3 Terms, terminology and definitions

Add the following new definitions:

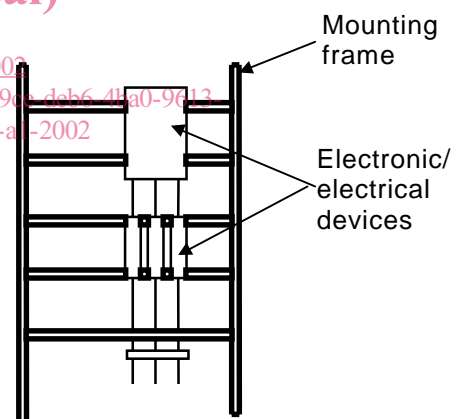
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#### mounting frame

in general a frame design of profiles for the mounting of electronic/electrical devices. Fixed or movable location within cabinets

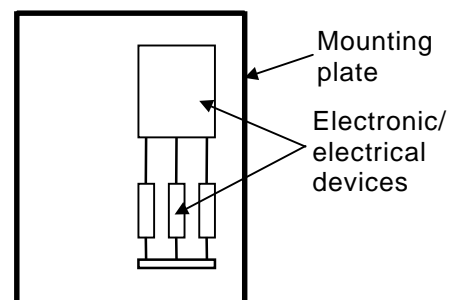


IEC 533/2000

Figure 17

#### mounting plate

plate for the mounting of electronic/electrical devices, located within e.g. cabinets

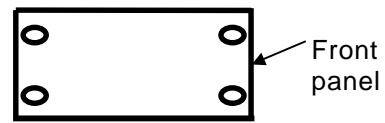


IEC 534/2000

Figure 18

**front panel**

in general allocated to the vertical mounting area of racks and cabinets

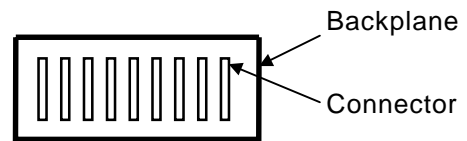


IEC 535/2000

Figure 19

**backplane**

mounting plane of connectors and printed board for the electrical interconnection

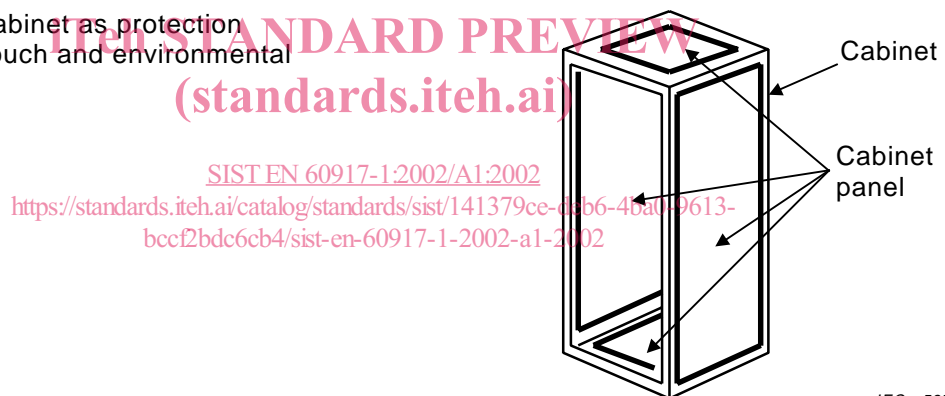


IEC 536/2000

Figure 20

**cabinet panel**

design part of a cabinet as protection against incident touch and environmental influences

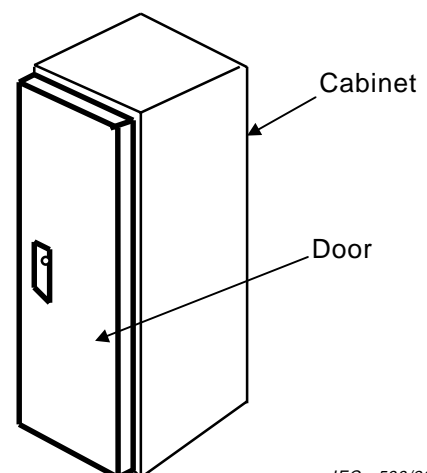


IEC 537/2000

Figure 21

**door**

hinged cabinet panel, typically incorporating latching and/or locking devices

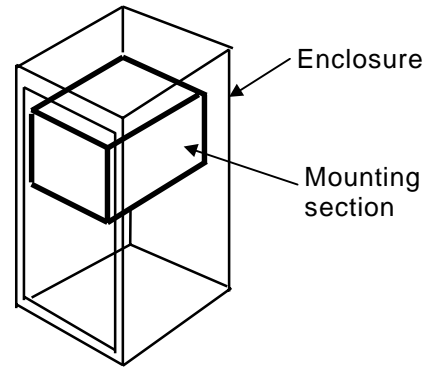


IEC 538/2000

Figure 22

**mounting section**

compartment of an enclosure for the assembly of interior parts

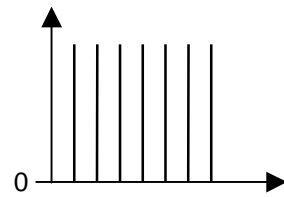


IEC 539/2000

Figure 23

**pitch**

one division step of a regular subdivided coordinate



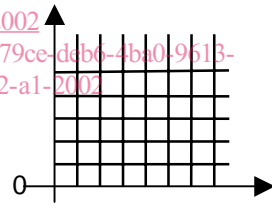
IEC 540/2000

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**Figure 24**  
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**grid**

right angular arrangement of theoretical lines of equal dimensions

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IEC 541/2000

Figure 25