

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

Part 0. Guide for the users of IEC Publication 917

The European Standard EN 60917-0 has the status of a
British Standard

Ordre modulaire pour le développement des
structures mécaniques pour les infrastructures
électroniques
Partie zéro. Guide pour les utilisateurs de la
Publication 917 de la CEI

Modulordnung für die Entwicklung von
Bauweisen für elektronische Einrichtungen
Teil 0. Leitfaden für die Anwender der
IEC 917

Cooperating organizations

The European Committee for Electrotechnical Standardization (CENELEC), under whose supervision this European Standard was prepared, comprises the national committees of the following countries:

Austria	Italy
Belgium	Luxembourg
Denmark	Netherlands
Finland	Norway
France	Portugal
Germany	Spain
Greece	Sweden
Iceland	Switzerland
Ireland	United Kingdom

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National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Policy Committee and is the English language version of EN 60917-0 : 1992, *Modular order for the development of mechanical structures for electronic equipment practices Part 0 Guide for the users of IEC Publication 917*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 917-0 : 1989 published by the International Electrotechnical Commission (IEC).

Compliance with a British Standard does not of itself confer immunity from legal obligations.

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English version

**Modular order for the development of mechanical
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(IEC 917-0 : 1989)**

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This European Standard was approved by CENELEC on 1991-12-10. 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.

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 European Standard 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, 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

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Foreword

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 917-0 : 1989 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60917-0 on 10 December 1991.

The following dates were fixed:

- latest date of publication of
an identical national
standard (dop) 1992-12-01
- latest date of withdrawal of
conflicting national
standards (dow) 1992-12-01

**MODULAR ORDER
FOR THE DEVELOPMENT OF MECHANICAL STRUCTURES FOR
ELECTRONIC EQUIPMENT PRACTICES**

Part 0: Guide for the users of IEC Publication 917

1. Scope

This guide is meant to help the users of the modular order regarding the application of modular order rules with some typical examples of electronic equipment practices.

In addition, information on interfaces to other technical fields, on technology and advanced design aspects is included.

2. Object

This guide shall support the introduction and application of the modular order rules considering that:

- compatibility of interface dimensions is aimed at the electronic field on the basis of SI unit metre;
- misinterpretations of the abstract modular order rules are to be avoided;
- the technical and economic advantages mentioned in IEC Publication 917 can be achieved when using the rules;
- international and national standardization committees should be authorized to define co-ordination dimensions for the benefit of manufacturers, suppliers and users (see also IEC Guide 103 and Clause 1 of IEC Publication 917).

3. General and background information

3.1 Structures of electronic equipment practices

In Figure 1, the four structure levels of presently known electronic equipment practices are outlined. The examples discussed in Clause 4 are taken from these structures.

It should be understood that the modular order not only covers this kind of structure, but also any other structure of new electronic equipment practice designs where a modular grid with metric pitches and co-ordination dimensions can be allocated.

For specific electronic equipment practice terms, see IEC Publication 916.

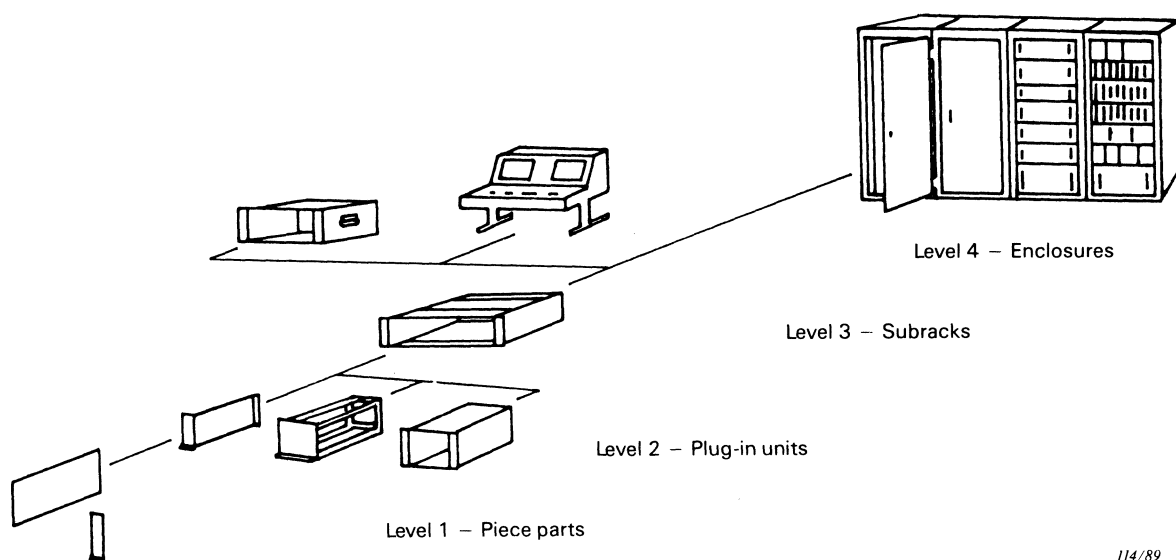


FIG. 1. - Structure levels of electronic equipment practice.