SLOVENSKI STANDARD
SIST EN 60118-12:2002

01-september-2002

Hearing aids -Part 12: Dimensions of electrical connector systems (IEC 60118-12:1996)

Hearing aids -- Part 12: Dimensions of electrical connector systems

Hörgeräte -- Teil 12: Maße elektrischer Steckverbindersysteme

Appareils de correction auditive -- Partie 12: Dimensions des connecteurs électriques

Ta slovenski standard je istoveten z: **EN 60118-12:1996**

ICS:

11.180.15	Pripomoļ ki za gluhe osebe in osebe z okvaro sluha	Aids for deaf and hearing impaired people
31.220.10	Vtiļ i in vtiļ nice, konektorji	Plug-and-socket devices. Connectors

SIST EN 60118-12:2002 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60118-12

October 1996

ICS 17.140.50; 31.220.10

Supersedes HD 304 S1:1977

Descriptors: Electroacoustics, hearing aids, junctions, dimensions, interchangeability

English version

Hearing aids
Part 12: Dimensions of electrical connector systems
(IEC 118-12:1996)

Appareils de correction auditive
Partie 12: Dimensions des connecteurs électriques
(CEI 118-12:1996)

Hörgeräte
Teil 12: Maße elektrischer Steckverbindersysteme
(IEC 118-12:1996)

This European Standard was approved by CENELEC on 1996-10-01. 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.

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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 29/330/FDIS, future edition 1 of IEC 118-12, prepared by IEC TC 29, Electroacoustics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60118-12 on 1996-10-01.

This European Standard supersedes HD 304 S1:1977.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1997-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1997-07-01

Endorsement notice

The text of the International Standard IEC 118-12:1996 was approved by CENELEC as a European Standard without any modification.

NORME INTERNATIONALE

INTERNATIONAL STANDARD

CEI
IEC
118-12

Première édition
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Appareils de correction auditive –

Partie 12:
Dimensions des connecteurs électriques

Hearing aids –

Part 12:
Dimensions of electrical connector systems

Bureau central de la Commission Electrotechnique Internationale 3, rue de Varembé Genève, Suisse

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HEARING AIDS –

Part 12: Dimensions of electrical connector systems

FOREWORD

1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.

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This part of International Standard IEC 118 has been prepared by IEC technical committee 29: Electroacoustics.

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

FDIS	Report on voting
29/330/FDIS	29/348/RVD

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

This International Standard cancels and replaces IEC 90 (1973).

Annex A is for information only.

HEARING AIDS –

Part 12: Dimensions of electrical connector systems

1 Scope

This International Standard applies to plugs and connector systems for hearing aids and specifies the dimensions and their tolerances essential for ensuring interchangeability.

2 Overview of connector systems

Table 1 – Overview of connector systems

System	Application	Dimensions (see table)	Figure
Rectangular connector system			
– Two-terminal polarized plug	Earphones	2	1
– Three-terminal unpolarized plug	Earphones	2	2
– Three-terminal polarized plug	Electrical input	2	3
Circular connector system			
– Three-terminal plug	See Annex A	3	4
– Three-terminal socket	See Annex A	4	7
– Four-terminal plug	See Annex A	3	5
– Four-terminal socket	See Annex A	4	8
– Five-terminal plug	See Annex A	3	6
– Five-terminal socket	See Annex A	4	9

Tableau 3 – Dimensions des prises illustrées par les figures 4, 5 et 6

Table 3 – Dimensions of plugs shown in figures 4, 5 and 6

Ref.	Min.	Nom.	Max.	Notes
B	2,03	2,05	2,05	1,5
C	–	0,60	–	2,6
D	0,38	0,40	0,40	4
E	0,66	0,68	0,70	8
F	0,76	0,78	0,80	8
G	0,35	0,35	0,37	2
H	0,25	0,25	0,27	2
J	1,50	1,50	1,60	8
K	–	120	–	3,6
L	–	90	–	3,6
M	–	72	–	3,6
N	–	0,03	–	7
P	1,40	1,40	–	8

NOTES

1 Toutes les dimensions sont des diamètres, en millimètres.

2 Toutes les dimensions sont des rayons, en millimètres.

3 Toutes les dimensions sont des angles, en degrés.

4 Les douilles ont une forme cylindrique avec un diamètre D.

5 Tolérance géométrique (donnée A).

6 Dimensions de base.

7 Zone de tolérance pour la position.

8 Dimensions, en millimètres.

NOTES

1 All dimensions are diameters, in millimetres.

2 All dimensions are radii, in millimetres.

3 All dimensions are angles, in degrees.

4 The terminals are in the form of a hollow cylinder with diameter D.

5 Geometric tolerancing (datum A).

6 Basic dimensions.

7 Positional tolerance zone.

8 Dimensions, in millimetres.