

**SLOVENSKI
STANDARD**

**SIST EN 61000-4-
12:1997/A1:2002**

prva izdaja
maj 2002

Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 12: Oscillatory waves immunity test – Basic EMC publication - Amendment 1 (IEC 61000-4-12:1995/A1:2000)

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ICS 33.100.20

Referenčna številka
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EUROPEAN STANDARD

EN 61000-4-12/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2001

ICS 33.100.20

English version

**Electromagnetic compatibility (EMC)
Part 4-12: Testing and measurement techniques -
Oscillatory waves immunity test
(IEC 61000-4-12:1995/A1:2000)**

Compatibilité électromagnétique (CEM)
Partie 4-12: Techniques d'essai
et de mesure -
Essais d'immunité aux ondes oscillatoires
(CEI 61000-4-12:1995/A1:2000)

Elektromagnetische Verträglichkeit (EMV)
Teil 4-12: Prüf- und Meßverfahren -
Prüfung der Störfestigkeit gegen
gedämpfte Schwingungen
(IEC 61000-4-12:1995/A1:2000)

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This amendment A1 modifies the European Standard EN 61000-4-12:1995; it was approved by CENELEC on 2000-12-01. 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

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Foreword

The text of documents 77B/291+293/FDIS, future amendment 1 to IEC 61000-4-12:1995, prepared by SC 77B, High-frequency phenomena, of IEC TC 77, Electromagnetic compatibility, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 61000-4-12:1995 on 2000-12-01.

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) 2001-09-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2003-12-01

Endorsement notice

The text of amendment 1:2000 to the International Standard IEC 61000-4-12:1995 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

61000-4-12

1995

AMENDEMENT 1
AMENDMENT 1
2000-11

PUBLICATION FONDAMENTALE EN CEM
BASIC EMC PUBLICATION

Amendement 1

Compatibilité électromagnétique (CEM) –

Partie 4-12:

**Techniques d'essai et de mesure –
Essai d'immunité aux ondes oscillatoires**

SIST EN 61000-4-12:1997/A1:2002
Amendment 1

<https://standards.iteh.ai/catalog/standards/sist/f93acad1-003d-4c17-8c6c-66088d0636ad/sist-en-61000-4-12-1997-a1-2002>

Electromagnetic compatibility (EMC) –

Part 4-12:

**Testing and measurement techniques –
Oscillatory waves immunity test**

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Commission Electrotechnique Internationale
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Международная Электротехническая Комиссия

CODE PRIX
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FOREWORD

This amendment has been prepared by subcommittee 77B: High frequency phenomena, of IEC technical committee 77: Electromagnetic compatibility.

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

FDIS	Reports on voting
77B/291+293/FDIS	77B/298+300/RVD

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

The committee has decided that the contents of the base publication and its amendments will remain unchanged until 2002. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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Replace the existing subclause 8.1.1 by the following new subclause 8.1.1:

[SIST EN 61000-4-12:1997/A1:2002](https://standards.iteh.ai/catalog/standards/sist/93acad1-003d-4c17-8c6c-66088d0636ad/sist-en-61000-4-12-1997-a1-2002)

8.1.1 Climatic conditions

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Unless otherwise specified by the committee responsible for the generic or product standard, the climatic conditions in the laboratory shall be within any limits specified for the operation of the EUT and the test equipment by their respective manufacturers.

Tests shall not be performed if the relative humidity is so high as to cause condensation on the EUT or the test equipment.

NOTE Where it is considered that there is sufficient evidence to demonstrate that the effects of the phenomenon covered by this standard are influenced by climatic conditions, this should be brought to the attention of the committee responsible for this standard.

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Replace the existing clause 9 by the following new clause 9, and add the new clause 10.

9 Evaluation of test results

The test results shall be classified in terms of the loss of function or degradation of performance of the equipment under test, relative to a performance level defined by its manufacturer or the requestor of the test, or agreed between the manufacturer and the purchaser of the product. The recommended classification is as follows:

- a) normal performance within limits specified by the manufacturer, requestor or purchaser;