

SLOVENSKI STANDARD
SIST EN 61000-3-2:1997/A1:2000
01-april-2000

Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16 A per phase) - Amendment A1 (IEC 61000-3-2:1995/A1:1997)

Electromagnetic compatibility (EMC) -- Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)

Elektromagnetische Verträglichkeit (EMV) -- Teil 3-2: Grenzwerte - Grenzwerte für Oberschwingungsströme (Geräte-Eingangsstrom bis einschließlich 16 A je Leiter)

Compatibilité électromagnétique (CEM) -- Partie 3-2: Limites - Limites pour les émissions de courant harmonique (courant appelé par les appareils inférieur ou égal à 16 A par phase)

Ta slovenski standard je istoveten z: EN 61000-3-2:1995/A1:1998

ICS:

33.100.10 Emisija Emission

SIST EN 61000-3-2:1997/A1:2000 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 61000-3-2:1997/A1:2000

<https://standards.iteh.ai/catalog/standards/sist/cafbd1ea-5dea-4daf-8ef5-7760c60a2317/sist-en-61000-3-2-1997-a1-2000>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61000-3-2/A1

April 1998

ICS 33.100

Includes and supersedes EN 61000-3-2:1995/A13:1997

Descriptors: Electric power supply, electric power networks, low voltage, network disturbances, electric equipment, electronic equipment, harmonics, limits, type tests, electromagnetic compatibility



English version

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
Inštitut RS za standardizacijo in meroslovje
LJUBLJANA

SIST... EN 61000-3-2/A1
PREVZET PO METODI RAZGLASITVE
-04-2000

Electromagnetic compatibility (EMC)
Part 3-2: Limits

Limits for harmonic current emissions
(equipment input current up to and including 16 A per phase)
(IEC 61000-3-2:1995/A1:1997)

Compatibilité électromagnétique (CEM)

Partie 3-2: Limites

Limites pour les émissions de courant
harmonique (courant appelé par les
appareils inférieur ou égal à 16 A par
phase)

(CEI 61000-3-2:1995/A1:1997)

Elektromagnetische Verträglichkeit

(EMV)

Teil 3-2: Grenzwerte

Grenzwerte für Oberschwingungsströme
(Geräte-Eingangsstrom bis einschließlich
16 A je Leiter)

(IEC 61000-3-2:1995/A1:1997)

This amendment A1 modifies the European Standard EN 61000-3-2:1995; it was approved by CENELEC on 1998-04-01. 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 77A/177A/FDIS, part of the future amendment 1 to IEC 61000-3-2:1995, prepared by SC 77A, Low-frequency phenomena, of IEC TC 77, Electromagnetic compatibility, was submitted to the IEC-CENELEC parallel vote.

The text of document 77A/185/FDIS (second part of the future amendment 1) corresponds to EN 61000-3-2:1995/A13:1997.

The text of document 77A/186/FDIS, (third part of the future amendment 1) was submitted to the CENELEC formal vote.

The complete text of amendment 1:1997 was approved by CENELEC as amendment A1 to EN 61000-3-2:1995 on 1998-04-01.

NOTE: This amendment A1 includes and supersedes amendment A13:1997 to EN 61000-3-2:1995.

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) 1998-09-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2001-01-01

[SIST EN 61000-3-2:1997/A1:2000](https://standards.iteh.ai/catalog/standards/sis/cabbd1ea-5dea-4daf-8ef5-7760c60a2317/sist-en-61000-3-2-1997-a1-2000)

Endorsement notice

[https://standards.iteh.ai/catalog/standards/sis/cabbd1ea-5dea-4daf-8ef5-](https://standards.iteh.ai/catalog/standards/sis/cabbd1ea-5dea-4daf-8ef5-7760c60a2317/sist-en-61000-3-2-1997-a1-2000)

[7760c60a2317/sist-en-61000-3-2-1997-a1-2000](https://standards.iteh.ai/catalog/standards/sis/cabbd1ea-5dea-4daf-8ef5-7760c60a2317/sist-en-61000-3-2-1997-a1-2000)

The text of amendment 1:1997 to the International Standard IEC 61000-3-2:1995 was approved by CENELEC as an amendment to the European Standard without any modification.



NORME
INTERNATIONALE

CEI
IEC

INTERNATIONAL
STANDARD

61000-3-2

1995

AMENDEMENT 1
AMENDMENT 1

1997-09

Amendement 1

Compatibilité électromagnétique (CEM) –

Partie 3:

Limites – Section 2: Limites pour les émissions
de courant harmonique (courant appelé par les
appareils ≤ 16 A par phase)

SIST EN 61000-3-2:1997/A1:2000

<https://www.intel.com/standards/sist/cafbdl1ea-5dea-4daf-8ef5-7760c60a2317/sist-en-61000-3-2-1997-a1-2000>

Amendment 1

Electromagnetic compatibility (EMC) –

Part 3:

Limits – Section 2: Limits for harmonic current
emissions (equipment input current ≤ 16 A
per phase)

© IEC 1997 Droits de reproduction réservés — Copyright - all rights reserved

International Electrotechnical Commission
Telefax: +41 22 919 0300

3, rue de Varembé Geneva, Switzerland
e-mail: inmail@iec.ch IEC web site <http://www.iec.ch>



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

C

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

FOREWORD

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

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

FDIS	Report on voting
77A/177A+185+186/FDIS	77A/188+202+203/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.

Page 13

3 Definitions

Add, page 15, at the end of subclause 3.15, the following sentence:

The designation shall be specified by the manufacturer.

Page 45

[SIST EN 61000-3-2:1997/A1:2000](https://standards.iteh.ai/catalog/standards/sist/en-61000-3-2-1997-a1-2000)

<https://standards.iteh.ai/catalog/standards/sist/en-61000-3-2-1997-a1-2000>

[7760c60a2317/sist-en-61000-3-2-1997-a1-2000](https://standards.iteh.ai/catalog/standards/sist/en-61000-3-2-1997-a1-2000)

C.7 Test conditions for vacuum cleaners

Replace the first sentence of this clause by the following:

The vacuum cleaner is tested with the air inlet adjusted according to the normal operation as defined in 2.2.9 of IEC 60335-2-2.

Page 47

Add, to annex C, after clause C.11, the following new clause C.12:

C.12 Test conditions for air conditioners

If the input power of the air conditioner is controlled by an electronic device so that the revolution speed of the fan or compressor motor is changed in order to get the suitable air temperature, the harmonic currents are measured after the operation becomes steady-state under the following conditions :

- The temperature control shall be set to the lowest value in the cooling mode and to the highest value in the heating mode.
- The ambient temperature for testing shall be $30\text{ °C} \pm 2\text{ °C}$ in the cooling mode, and $15\text{ °C} \pm 2\text{ °C}$ in the heating mode. If in the heating mode the rated input power is reached at a higher temperature, the air conditioner shall be tested at this ambient temperature but no higher than 18 °C . The ambient temperature is defined as the temperature of the air inhaled from the indoor and from the outdoor unit of appliance.

61000-3-2 Amend.1 © IEC:1997

- 5 -

If the heat is not exchanged to the ambient air but to another medium for example water, all settings and temperatures shall be chosen so that the appliance is operated with the rated input power.

If the air conditioner does not contain power electronic elements (e.g. diodes, dimmers, thyristors, etc.), it need not be tested against harmonic current limits.

Renumber the existing clause C.12 as C.13.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 61000-3-2:1997/A1:2000

<https://standards.iteh.ai/catalog/standards/sist/ea1bd1ea-5dea-4daf-8ef5-7760c60a2317/sist-en-61000-3-2-1997-a1-2000>