

EUROPEAN STANDARD

EN 61000-3-2/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2005

ICS 33.100.10

English version

**Electromagnetic compatibility (EMC)
Part 3-2: Limits –
Limits for harmonic current emissions
(equipment input current ≤ 16 A per phase)
(IEC 61000-3-2:2000/A1:2001 + A2:2004)**

Compatibilité électromagnétique (CEM)
Partie 3-2: Limites –
Limites pour les émissions de courant
harmonique (courant appelé par les
appareils ≤ 16 A par phase)
(CEI 61000-3-2:2000/A1:2001 + A2:2004)

Elektromagnetische Verträglichkeit (EMV)
Teil 3-2: Grenzwerte –
Grenzwerte für Oberschwingungsströme
(Geräte-Eingangsstrom bis einschließlich
16 A je Leiter)
(IEC 61000-3-2:2000/A1:2001 + A2:2004)

This amendment A2 modifies the European Standard EN 61000-3-2:2000; it was approved by CENELEC on 2004-12-07. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 texts of documents 77A/337/FDIS and 77A/465/FDIS, future amendments 1 and 2 to IEC 61000-3-2:2000, prepared by SC 77A, Low frequency phenomena, of IEC TC 77, Electromagnetic compatibility, were submitted to the IEC-CENELEC parallel vote and were approved by CENELEC as amendment A2 to EN 61000-3-2:2000 on 2004-12-07.

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) 2005-09-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2008-01-01

As a consequence of endorsing amendment 1:2001 to IEC 61000-3-2:2000, the common modifications in EN 61000-3-2:2000 are covered by IEC text and therefore withdrawn.

Endorsement notice

The texts of amendments 1:2001 and 2:2004 to the International Standard IEC 61000-3-2:2000 were approved by CENELEC as an amendment to the European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-131	– ¹⁾	International Electrotechnical Vocabulary Part 131: Circuit theory	-	-
IEC 60050-161	– ¹⁾	Chapter 161: Electromagnetic compatibility	-	-
IEC 60065 (mod)	– ¹⁾	Audio, video and similar electronic apparatus - Safety requirements	EN 60065	2002 ²⁾
IEC 60107-1	– ¹⁾	Methods of measurement on receivers for television broadcast transmissions Part 1: General considerations - Measurements at radio and video frequencies	EN 60107-1	1997 ²⁾
IEC 60155	– ¹⁾	Glow-starters for fluorescent lamps	EN 60155	1995 ²⁾
IEC 60268-3	– ¹⁾	Sound system equipment Part 3: Amplifiers	EN 60268-3	2000 ²⁾
IEC 60335-2-2 (mod)	– ¹⁾	Household and similar electrical appliances - Safety Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances	EN 60335-2-2	2003 ²⁾
IEC 60335-2-7 (mod)	– ¹⁾	Part 2-7: Particular requirements for washing machines	EN 60335-2-7	2003 ²⁾
IEC 60335-2-14 (mod)	– ¹⁾	Part 2-14: Particular requirements for kitchen machines	EN 60335-2-14	2003 ²⁾
IEC 60974-1	– ¹⁾	Arc welding equipment Part 1: Welding power sources	EN 60974-1	1998 ²⁾

¹⁾ undated reference.

²⁾ valid edition at date of issue.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-2-2	– ¹⁾	Electromagnetic compatibility (EMC) Part 2-2: Environment - Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems	EN 61000-2-2	2002 ²⁾
IEC/TS 61000-3-4	– ¹⁾	Electromagnetic compatibility (EMC) Part 3-4: Limits - Limitation of emission of harmonic currents in low-voltage power supply systems for equipment with rated current greater than 16 A	-	-
IEC 61000-4-7	– ¹⁾	Electromagnetic compatibility (EMC) Part 4-7: Testing and measurement techniques - General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto	EN 61000-4-7	2002 ²⁾
ITU-R Recommendation BT.471-1	– ¹⁾	Nomenclature and description of colour bar signals	-	-