



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 61000-4-17:1999

Electromagnetic compatibility (EMC) - Part 4-17: Testing and measurement techniques - Ripple on d.c. input power port immunity test

Elektromagnetische Verträglichkeit (EMV)
- Teil 4-17: Prüf- und Meßverfahren -
Prüfung der Störfestigkeit gegen
Wechselanteile der Spannung an

Compatibilité électromagnétique (CEM) -
Partie 4-17: Techniques d'essai et de
mesure - Essai d'immunité à l'ondulation
résiduelle sur entrée de puissance à

08/1999



National Foreword

This European Standard EN 61000-4-17:1999 was adopted as Luxembourgish Standard ILNAS-EN 61000-4-17:1999.

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- Participate in the design of standards
- Foresee future developments
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English version

**Electromagnetic compatibility (EMC)
Part 4-17: Testing and measurement techniques
Ripple on d.c. input power port immunity test
(IEC 61000-4-17:1999)**

Compatibilité électromagnétique (CEM)
Partie 4-17: Techniques d'essai et de
mesure - Essai d'immunité à l'ondulation
résiduelle sur entrée de puissance à
courant continu
(CEI 61000-4-17:1999)

Elektromagnetische
Verträglichkeit (EMV)
Teil 4-17: Prüf- und Meßverfahren -
Prüfung der Störfestigkeit gegen
Wechselanteile der Spannung an
Gleichstrom-Netzanschlüssen
(IEC 61000-4-17:1999)

This European Standard was approved by CENELEC on 1999-08-01. 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.

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/271/FDIS, future edition 1 of IEC 61000-4-17, prepared by SC 77A, Low-frequency phenomena, of IEC TC 77, Electromagnetic compatibility, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61000-4-17 on 1999-08-01.

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) 2000-05-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2002-08-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annex A is informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61000-4-17:1999 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When 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 60050-161	1990	International Electrotechnical Vocabulary (IEV) Chapter 161: Electromagnetic compatibility	-	-
IEC 60068-1	1988	Environmental testing Part 1: General and guidance	EN 60068-1 ¹⁾	1994
IEC 61000-4-11	1994	Electromagnetic compatibility (EMC) Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	EN 61000-4-11	1994

1) EN 60068-1 includes corrigendum October 1988 and A1:1992 to IEC 60068-1.

**NORME
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BASIC EMC PUBLICATION

Compatibilité électromagnétique (CEM) –

Partie 4-17:

**Techniques d'essai et de mesure –
Essai d'immunité à l'ondulation résiduelle
sur entrée de puissance à courant continu**

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