

**SLOVENSKI STANDARD**  
**SIST EN 61000-4-17:2001/A2:2009**  
**01-september-2009**

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**Elektromagnetna združljivost (EMC) - 4-17. del: Preskusne in merilne tehnike - Preskus odpornosti proti valovitosti na vhodu za napajanje z enosmerno napetostjo (IEC 61000-4-17:1999/A2:2008)**

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 Gleichstrom-Netzanschlüssen  
(standards.iteh.ai)

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

**Ta slovenski standard je istoveten z: EN 61000-4-17:1999/A2:2009**

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**ICS:**

33.100.20      Imunost      Immunity

**SIST EN 61000-4-17:2001/A2:2009      en**

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SIST EN 61000-4-17:2001/A2:2009

<https://standards.iteh.ai/catalog/standards/sist/281fde9-b9e1-4cd6-b6c2-f0ca4f82a2f6/sist-en-61000-4-17-2001-a2-2009>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61000-4-17/A2**

February 2009

ICS 33.100.20

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/A2:2008)**

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/A2:2008)

Elektromagnetische Verträglichkeit  
(EMV) -  
Teil 4-17: Prüf- und Meßverfahren -  
Prüfung der Störfestigkeit  
gegen Wechselanteile der Spannung  
an Gleichstrom-Netzanschlüssen  
(IEC 61000-4-17:1999/A2:2008)

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SIST EN 61000-4-17:2001/A2:2009  
http://standards.iteh.ai/catalog/standards/sist/28100015-b2e1-42c6-8f82-4483a2f6/sist-en-61000-4-17-2001-a2-2009  
This amendment A2 modifies the European Standard EN 61000-4-17:1999; it was approved by CENELEC on 2009-02-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 77A/632/CDV, future amendment 2 to IEC 61000-4-17:1999, 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 amendment A2 to EN 61000-4-17:1999 on 2009-02-01.

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) 2009-11-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2012-02-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of amendment 2:2008 to the International Standard IEC 61000-4-17:1999 was approved by CENELEC as an amendment to the European Standard without any modification.

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[SIST EN 61000-4-17:2001/A2:2009](https://standards.iteh.ai/catalog/standards/sist/281fde9-b9e1-4cd6-b6c2-f0ca4f82a2f6/sist-en-61000-4-17-2001-a2-2009)

<https://standards.iteh.ai/catalog/standards/sist/281fde9-b9e1-4cd6-b6c2-f0ca4f82a2f6/sist-en-61000-4-17-2001-a2-2009>

**Replace Annex ZA of EN 61000-4-17:1999 by:**

**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 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	- <sup>1)</sup>	International Electrotechnical Vocabulary (IEV) - Chapter 161: Electromagnetic compatibility	-	-
IEC 60068-1	- <sup>1)</sup>	Environmental testing - Part 1: General and guidance	EN 60068-1	1994 <sup>2)</sup>

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

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IEC 61000-4-17

Edition 1.0 2008-11

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

BASIC EMC PUBLICATION  
PUBLICATION FONDAMENTALE EN CEM

AMENDMENT 2  
AMENDEMENT 2

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

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

**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**

INTERNATIONAL  
ELECTROTECHNICAL  
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COMMISSION  
ELECTROTECHNIQUE  
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PRICE CODE  
CODE PRIX

**B**

ICS 33.100.20

ISBN 2-8318-1018-9

## 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:

CDV	Report on voting
77A/632/CDV	77A/652/RVC

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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

## iTeh STANDARD PREVIEW (standards.iteh.ai)

### 2 Normative references

*Delete the dates to the referenced International Standards IEC 60050(161) and IEC 60068-1.*  
*Delete the third reference IEC 61000-4-11.*

### 6.2 Verification of the characteristics of the generator

*Delete, at the end of the first paragraph, in the fourth dashed item, the brackets and the text:*  
 (as in IEC 61000-4-11).

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