

**Electromagnetic Compatibility (EMC) -
Part 4-16: Testing and measurement
techniques - Test for immunity to
conducted, common mode
disturbances in the frequency range 0
Hz to 150 kHz**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 61000-4-16:2002 sisaldab Euroopa standardi EN 61000-4-16:1998 ingliskeelset teksti. Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 61000-4-16:2002 consists of the English text of the European standard EN 61000-4-16:1998. This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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ICS 33.100

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ICS 33.100

Descriptors: Electromagnetic compatibility, electric equipment, electronic equipment, radio disturbances, direct current, tests, measurements

English version

Electromagnetic compatibility (EMC)
Part 4-16: Testing and measurement techniques
Test for immunity to conducted, common mode disturbances in the
frequency range 0 Hz to 150 kHz
(IEC 61000-4-16:1998)

Compatibilité électromagnétique (CEM)
Partie 4-16: Techniques d'essai et de
mesure - Essai d'immunité aux
perturbations conduites en mode
commun dans la gamme de fréquences
de 0 Hz à 150 kHz
(CEI 61000-4-16:1998)

Elektromagnetische
Verträglichkeit (EMV)
Teil 4-16: Prüf- und Meßverfahren
Prüfung der Störfestigkeit gegen
leitungsgeführte, asymmetrische
Störgrößen im Frequenzbereich
von 0 Hz bis 150 kHz
(IEC 61000-4-16:1998)

This European Standard was approved by CENELEC on 1998-01-01. 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/201/FDIS, future edition 1 of IEC 61000-4-16, 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 61000-4-16 on 1998-01-01.

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) 1998-10-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1998-10-01

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 annexes A, B and C are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61000-4-16:1998 was approved by CENELEC as a European Standard without any modification.

In the official version, for annex C, Bibliography, the following note has to be added for the standard indicated:

IEC 61000-4-6 NOTE: Harmonized as EN 61000-4-6:1996 (not modified).

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

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