



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61000-4-24:1998

ICS 33.100

**ELECTROMAGNETIC COMPATIBILITY (EMC)**

**PART 4: TESTING AND MEASUREMENT**

**TECHNIQUES SECTION 24: TEST METHODS**

**FOR PROTECTIVE DEVICES FOR HEMP**

**CONDUCTED DISTURBANCE BASIC EMC**

**PUBLICATION (IEC 61000-4-24:1997)**

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Údarás um Chaighdeán Náisiúnta na hÉireann



## **DECLARATION**

**OF**

**SPECIFICATION**

**ENTITLED**

**ELECTROMAGNETIC COMPATIBILITY (EMC) PART 4: TESTING AND  
MEASUREMENT TECHNIQUES SECTION 24: TEST METHODS FOR PROTECTIVE  
DEVICES FOR HEMP CONDUCTED DISTURBANCE BASIC EMC PUBLICATION (IEC  
61000-4-24:1997)**

**AS**

**THE IRISH STANDARD SPECIFICATION FOR**

**ELECTROMAGNETIC COMPATIBILITY (EMC) PART 4: TESTING AND  
MEASUREMENT TECHNIQUES SECTION 24: TEST METHODS FOR PROTECTIVE  
DEVICES FOR HEMP CONDUCTED DISTURBANCE BASIC EMC PUBLICATION (IEC  
61000-4-24:1997)**

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NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1966 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques Section 24: Test methods for protective devices for HEMP conducted disturbance Basic EMC publication (IEC 61000-4-24:1997)) Declaration, 1998.
2. (1) The Specification set forth in the schedule to this declaration is hereby declared to be the standard specification for Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques Section 24: Test methods for protective devices for HEMP conducted disturbance Basic EMC publication (IEC 61000-4-24:1997). The Schedule comprises the text of EN 61000-4-24:1997.  
(2) The said standard specification may be cited as Irish Standard EN 61000-4-24:1998 or as I.S. EN 61000-4-24:1998.



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61000-4-24**

May 1997

ICS 33.100

Descriptors: Environments, pulses, electromagnetism, explosions, nuclear reaction, nuclear energy, electromagnetic immunity, electromagnetic interference, safety devices

English version

**Electromagnetic compatibility (EMC)  
Part 4: Testing and measurement techniques  
Section 24: Test methods for protective devices for  
HEMP conducted disturbance  
Basic EMC publication  
(IEC 61000-4-24:1997)**

Compatibilité électromagnétique (CEM)  
Partie 4: Techniques d'essai et de mesure  
Section 24: Méthodes d'essais pour les dispositifs de protection pour perturbations conduites IEMN-HA  
Publication fondamentale en CEM  
(CEI 61000-4-24:1997)

Elektromagnetische Verträglichkeit (EMV)  
Teil 4: Prüf- und Meßverfahren  
Hauptabschnitt 24: Prüfverfahren für Einrichtungen zum Schutz gegen leitungsgeführte HEMP-Störgrößen  
EMV Grundnorm  
(IEC 61000-4-24:1997)

This European Standard was approved by CENELEC on 1997-03-11. 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, 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 77C/37/FDIS, future edition 1 of IEC 61000-4-24, prepared by SC 77C, Immunity to high altitude nuclear electromagnetic pulse (HEMP), of IEC TC 77, Electromagnetic compatibility, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61000-4-24 on 1997-03-11.

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) 1997-12-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1997-12-01

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.

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### Endorsement notice

The text of the International Standard IEC 61000-4-24:1997 was approved by CENELEC as a European Standard without any modification.

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

IEC 1000-5-5 NOTE: Harmonized as EN 61000-5-5:1996 (not modified).

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