



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61000-4-29:2000

ICS 33.100.20

**ELECTROMAGNETIC COMPATIBILITY (EMC)
PART 4-29: TESTING AND MEASUREMENT
TECHNIQUES - VOLTAGE DIPS, SHORT
INTERRUPTIONS AND VOLTAGE
VARIATIONS ON D.C. INPUT POWER PORT
IMMUNITY TESTS**

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Údarás um Chaighdeán Náisiúnta na hÉireann

DECLARATION

OF

SPECIFICATION

ENTITLED

ELECTROMAGNETIC COMPATIBILITY (EMC) PART 4-29: TESTING AND
MEASUREMENT TECHNIQUES - VOLTAGE DIPS, SHORT INTERRUPTIONS AND
VOLTAGE VARIATIONS ON D.C. INPUT POWER PORT IMMUNITY TESTS

AS

THE IRISH STANDARD SPECIFICATION FOR

ELECTROMAGNETIC COMPATIBILITY (EMC) PART 4-29: TESTING AND
MEASUREMENT TECHNIQUES - VOLTAGE DIPS, SHORT INTERRUPTIONS AND
VOLTAGE VARIATIONS ON D.C. INPUT POWER PORT IMMUNITY TESTS

NSAI in exercise of the power conferred by section 16 (5) of the National Standards Authority of Ireland Act, 1996 (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 4-29: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests) Declaration, 2000.

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 4-29: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests. The Schedule comprises the text of EN 61000-4-29:2000.

(2) The said standard specification may be cited as Irish Standard EN 61000-4-29:2000 or as I.S. EN 61000-4-29:2000.

EUROPEAN STANDARD

EN 61000-4-29

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2000

ICS 33.100.20

English version

**Electromagnetic compatibility (EMC)
Part 4-29: Testing and measurement techniques -
Voltage dips, short interruptions and voltage variations
on d.c. input power port immunity tests
(IEC 61000-4-29:2000)**

Compatibilité électromagnétique (CEM)
Partie 4-29: Techniques d'essai et de
mesure -
Essais d'immunité aux creux de tension,
coupures brèves et variations de tension
sur les accès d'alimentation en courant
continu
(CEI 61000-4-29:2000)

Elektromagnetische Verträglichkeit (EMV)
Teil 4-29: Prüf- und Messverfahren -
Prüfungen der Störfestigkeit gegen
Spannungseinbrüche,
Kurzzeitunterbrechungen und
Spannungsschwankungen an
Gleichstrom-Netzeingängen
(IEC 61000-4-29:2000)

This European Standard was approved by CENELEC on 2000-11-01. 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.

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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/307/FDIS, future edition 1 of IEC 61000-4-29, 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 61000-4-29 on 2000-11-01.

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) 2001-08-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-11-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annexes B and ZA are normative and annex A is informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61000-4-29:2000 was approved by CENELEC as a European Standard without any modification.

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