



**NSAI**  
Standards

Irish Standard

I.S. EN 61000-4-13:2002&A1:2009&A2:2016

Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests

**I.S. EN 61000-4-13:2002&A1:2009&A2:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

EN 61000-4-13:2002/A1:2009

EN 61000-4-13:2002/A2:2016

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*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

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Údarás um Chaighdeáin Náisiúnta na hÉireann

## National Foreword

I.S. EN 61000-4-13:2002&A1:2009&A2:2016 is the adopted Irish version of the European Document EN 61000-4-13:2002, Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests

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*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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EUROPEAN STANDARD

**EN 61000-4-13:2002/A2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2016

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English Version

**Electromagnetic compatibility (EMC) - Part 4-13: Testing and  
measurement techniques - Harmonics and interharmonics  
including mains signalling at a.c. power port, low frequency  
immunity tests  
(IEC 61000-4-13:2002/A2:2015)**

Compatibilité électromagnétique (CEM) - Partie 4-13:  
Techniques d'essai et de mesure - Essais d'immunité basse  
fréquence aux harmoniques et inter-harmoniques incluant  
les signaux transmis sur le réseau électrique alternatif  
(IEC 61000-4-13:2002/A2:2015)

Elektromagnetische Verträglichkeit (EMV) - Teil 4-13: Prüf-  
und Messverfahren - Prüfungen der Störfestigkeit am  
Wechselstrom-Netzanschluss gegen Oberschwingungen  
und Zwischenharmonische einschließlich leitungsgeführter  
Störgrößen aus der Signalübertragung auf elektrischen  
Niederspannungsnetzen  
(IEC 61000-4-13:2002/A2:2015)

This amendment A2 modifies the European Standard EN 61000-4-13:2002; it was approved by CENELEC on 2016-01-18. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## **EN 61000-4-13:2002/A2:2016**

### **European foreword**

The text of document 77A/904/FDIS, future IEC 61000-4-13:2002/A2, prepared by SC 77A, "EMC -Low-frequency phenomena", of IEC TC 77, "Electromagnetic compatibility" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61000-4-13:2002/A2:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-10-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-01-18

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### **Endorsement notice**

The text of the International Standard IEC 61000-4-13:2002/A2:2015 was approved by CENELEC as a European Standard without any modification.

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