



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 50065-2-1:2003

ICS 33.040.30

**SIGNALLING ON LOW-VOLTAGE
ELECTRICAL INSTALLATIONS IN THE
FREQUENCY RANGE KHZ TO 148,5 KHZ
PART 2-1: IMMUNITY REQUIREMENTS FOR
MAINS COMMUNICATIONS EQUIPMENT AND
SYSTEMS OPERATING IN THE RANGE OF
FREQUENCIES 95 KHZ TO 148,5 KHZ AND
INTENDED FOR USE IN RESIDENTIAL,
COMMERCIAL AND LIGHT INDUSTRIAL
ENVIRONMENTS**

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National Standards Authority of Ireland

AMENDMENT

I.S. EN 50065-2-1/A1:2005

ICS 33.040.30

**SIGNALLING ON LOW-VOLTAGE
ELECTRICAL INSTALLATIONS IN THE
FREQUENCY RANGE 3 KHZ TO 148,5 KHZ
-- PART 2-1: IMMUNITY REQUIREMENTS
FOR MAINS COMMUNICATIONS
EQUIPMENT AND SYSTEMS OPERATING IN
THE RANGE OF FREQUENCIES 95 KHZ TO
148,5 KHZ AND INTENDED FOR USE IN
RESIDENTIAL, COMMERCIAL AND LIGHT
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EUROPEAN STANDARD

EN 50065-2-1/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2005

ICS 33.040.30

English version

**Signalling on low-voltage electrical installations
in the frequency range 3 kHz to 148,5 kHz
Part 2-1: Immunity requirements for mains communications equipment
and systems operating in the range of frequencies 95 kHz to 148,5 kHz
and intended for use in residential,
commercial and light industrial environments**

Transmission de signaux sur les réseaux électriques basse tension dans la bande de fréquences de 3 kHz à 148,5 kHz
Partie 2-1: Exigences d'immunité pour les appareils et les systèmes de communication sur le réseau électrique dans la bande de fréquences de 95 kHz à 148,5 kHz et destinés à être utilisés dans les environnements résidentiel, commercial et de l'industrie légère

Signalübertragung auf elektrischen Niederspannungsnetzen im Frequenzbereich 3 kHz bis 148,5 kHz
Teil 2-1: Störfestigkeitsanforderungen an Netz-Datenübertragungsgeräte und -systeme, die im Frequenzbereich 95 kHz bis 148,5 kHz betrieben werden und für den Gebrauch in Wohnbereichen, Geschäfts- und Gewerbebereichen sowie in Kleinbetrieben bestimmt sind

This amendment A1 modifies the European Standard EN 50065-2-1:2003; it was approved by CENELEC on 2005-07-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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

This amendment to the European Standard EN 50065-2-1:2003 was prepared by SC 205A, Mains communicating systems, of Technical Committee CENELEC TC 205, Home and Building Electronic Systems (HBES).

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to EN 50065-2-1:2003 on 2005-07-01.

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) 2006-07-01
 - latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2008-07-01
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