

Electromagnetic compatibility (EMC) —

Part 2: Environment —

Section 2: Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems

UDC 621.37.001.365

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Germany	Spain
Greece	Sweden
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This Draft for Development, having been prepared under the direction of the General Electrotechnical Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 August 1993

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Amendments issued since publication

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National foreword

This Draft for Development has been prepared under the direction of the General Electrotechnical Standards Policy Committee. It is identical with European Prestandard ENV 61000-2-2:1993 *Electromagnetic compatibility (EMC)*.

Part 2: Environment. Section 2: Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems published by the European Committee for Electrotechnical Standardization (CENELEC).

The UK actively participated through BSI Technical Committee GEL/110 in the development of the International Electrotechnical Commission standard IEC 1000-2-2:1990, which was adopted by CENELEC with common modifications as ENV 61000-2-2:1993.

The CENELEC common modifications have been implemented in the appropriate places in the text and are indicated by a side line in the margin. Parts of the original IEC text that have been modified by CENELEC have been quoted in National annex NA.

IEC 1000-2-2 is being revised by a Working Group of IEC SC77A and it is anticipated that when the revised text is available from IEC it will be adopted as a European Standard, subsequently published as a British Standard and that this Draft for Development will be withdrawn.

This publication is not to be regarded as a British Standard

It is being issued in the Draft for Development series of publications and is of a provisional nature because the subject matter is still under technical development requiring wider exposure. It should be applied on this provisional basis, so that information and experience of its practical application may be obtained.

A review of this Draft for Development will be carried out not later than 2 years after its publication. Notification of the start of the review period, with a request for the submission of comments from users of this Draft for Development, will be made in an announcement in the appropriate issue of *BSI News*. According to the replies received, the responsible BSI Committee will judge whether the Draft for Development can be converted into a British Standard or what other action should be taken.

Observations which it is felt should receive attention before the official call for comments will be welcomed. These should be sent to the Secretary of BSI Technical Committee GEL/110 at the BSI Head Office address shown on the back cover.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ENV title page, pages 2 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Electric power supply, electric power networks, low voltage, network disturbances, electromagnetic compatibility

English version

Electromagnetic compatibility (EMC)
Part 2: Environment
Section 2: Compatibility levels for low-frequency
conducted disturbances and signalling in public
low-voltage power supply systems

(IEC 1000-2-2:1990, modified)

Compatibilité électromagnétique (CEM)
Partie 2: Environnement
Section 2: Niveaux de compatibilité pour les
perturbations conduites basse fréquence et la
transmission de signaux sur les réseaux
publics d'alimentation à basse tension
(CEI 1000-2-2:1990, modifiée)

Elektromagnetische Verträglichkeit (EMV)
Teil 2: Umweltbedingungen
Abschnitt 2: Verträglichkeitspegel für
niederfrequente leitungsgeführte
Störgrößen und Signalübertragung in
öffentlichen Niederspannungsnetze
(IEC 1000-2-2:1990, modifiziert)

This European Prestandard (ENV) was approved by CENELEC on 1993-03-09 as a prospective standard for provisional application. The period of validity of this ENV is limited initially to three years. After two years the members of CENELEC will be requested to submit their comments, particularly on the question whether the ENV can be converted into a European Standard (EN).

CENELEC members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

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

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