



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 50090-2-1:1994

ICS 97.120

National Standards
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**HOME AND BUILDING ELECTRONIC
SYSTEMS (HBES). PART 2-1: SYSTEM
OVERVIEW – ARCHITECTURE**

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Údarás um Chaighdeán Náisiúnta na hÉireann

DECLARATION

OF

SPECIFICATION

ENTITLED

HOME AND BUILDING ELECTRONIC SYSTEMS (HBES).

PART 2-1: SYSTEM OVERVIEW – ARCHITECTURE

AS

THE IRISH STANDARD SPECIFICATION FOR

HOME AND BUILDING ELECTRONIC SYSTEMS (HBES).

PART 2-1: SYSTEM OVERVIEW – ARCHITECTURE

Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Home and Building Electronic Systems (HBES). Part 2-1: System Overview – Architecture) Declaration, 1994.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Home and Building Electronic Systems (HBES). Part 2-1: System Overview – Architecture. The Schedule comprises the text of EN 50090-2-1 : 1994.

(2) The said standard specification may be cited as Irish Standard/EN 50090-2-1:1994 or as I.S./EN 50090-2-1:1994.

EUROPEAN STANDARD
NORME EUROPÉENNE
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EN 50090-2-1

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Descriptors: Home and building electronic systems (HBES), home electronic systems, definitions, open systems interconnection (OSI), OSI reference model, HBES reference model, HBES topology, specifications

English version

**Home and Building Electronic Systems (HBES)
Part 2-1: System overview — Architecture**

Systèmes électroniques pour les foyers
domestiques et les bâtiments (HBES)
Partie 2-1: Vue d'ensemble du système
Architecture

Elektrische Systemtechnik für Heim und
Gebäude (ESHG)
Teil 2-1: Systemübersicht
Architektur

This European Standard was approved by CENELEC on 8 December 1993. 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

This European Standard has been prepared by CENELEC TC 105, Home and Building Electronic Systems (HBES).

It was submitted to the unique acceptance procedure and was approved by CENELEC as EN 50090-2-1 on 1993-12-08.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1994-12-01
- latest date of withdrawal of conflicting national standards (dow) 1994-12-01

EN 50090-2-1 is part of the EN 50090 series of European Standards, which will comprise the following parts:

Part 1: Standardization structure

Part 2: System overview

Part 3: Aspects of application

Part 4: Transport layer and network layer

Part 5: Media and media dependant layers

Part 6: Interfaces

Part 7: System management

EN 50090-2-1 uses the concepts and definitions given in EN 50090-1 (in preparation) and is partly based on the work of ISO/IEC JTC1/SC25. It takes into account the CENELEC Technical Report R105-001:1992, "Applications and requirements - Class 1".

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