



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 50090-3-1:1995**

ICS 97.120

**HOME AND BUILDING ELECTRONIC  
SYSTEMS (HBES). PART 3-1: ASPECTS OF  
APPLICATION INTRODUCTION TO THE  
APPLICATION STRUCTURE**

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Údarás um Chaighdeán Náisiúnta na hÉireann



## DECLARATION

OF

SPECIFICATION

ENTITLED

HOME AND BUILDING ELECTRONIC SYSTEMS (HBES). PART 3-1: ASPECTS OF  
APPLICATION INTRODUCTION TO THE APPLICATION STRUCTURE

AS

THE IRISH STANDARD SPECIFICATION FOR

HOME AND BUILDING ELECTRONIC SYSTEMS (HBES). PART 3-1: ASPECTS OF  
APPLICATION INTRODUCTION TO THE APPLICATION STRUCTURE

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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 3-1: Aspects of Application Introduction to the Application Structure) Declaration, 1995.

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 3-1: Aspects of Application Introduction to the Application Structure. The Schedule comprises the text of EN 50090-3-1 : 1994.

(2) The said standard specification may be cited as Irish Standard/EN 50090-3-1:1995 or as I.S./EN 50090-3-1:1995.



**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 50090-3-1**

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Descriptors: Home and building electronic systems (HBES), home electronic systems, open systems interconnection (OSI), HBES reference model, HBES function, application layer, application object, specifications

English version

**Home and Building Electronic Systems (HBES)**  
**Part 3-1: Aspects of application**  
**Introduction to the application structure**

Systèmes électroniques pour les foyers  
domestiques et les bâtiments (HBES)  
Partie 3-1: Aspects de l'application  
Introduction à la structure d'application

Elektrische Systemtechnik für Heim und  
Gebäude (ESHG)  
Teil 3-1: Anwendungsaspekte  
Einführung in die Anwendungsstruktur

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**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 Technical Committee TC 105, Home and Building Electronic Systems (HBES).

It was submitted to the unique acceptance procedure and was approved by CENELEC as EN 50090-3-1 on 1994-05-15.

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) 1995-07-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1995-07-01

EN 50090-3-1 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

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