

Home and Building Electronic Systems (HBES) -- Part 8: Conformity assesment of products

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 50090-8:2002 sisaldab Euroopa standardi EN 50090-8:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 50090-8:2002 consists of the English text of the European standard EN 50090-8:2000.</p> <p>This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This standard is relevant for all electronic products and systems (including their software) having home and/or building control functions. This standard defines the general conformity assesment requirements for the communication protocols.</p>	<p>Scope:</p> <p>This standard is relevant for all electronic products and systems (including their software) having home and/or building control functions. This standard defines the general conformity assesment requirements for the communication protocols.</p>
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Home and Building Electronic Systems (HBES) Part 8: Conformity assessment of products

Systèmes électroniques pour les foyers
domestiques et les bâtiments (HBES)
Partie 8: Evaluation de la conformité des
produits

Elektrische Systemtechnik für Heim und
Gebäude (ESHG)
Teil 8: Konformitätsbeurteilung von
Produkten

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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.

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CENELEC

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

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Foreword

This European Standard has been prepared by the Technical Committee CENELEC TC 205 "Home and Building Electronic Systems" (HBES) in close relation with ELSECOM.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50090-8 on 2000-08-01.

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) 2001-04-01
 - latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-04-01
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EN 50090-8 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 dependent layers
- Part 6: Interfaces
- Part 7: System management
- Part 8: Conformity assessment of products
- Part 9: Installation requirements

Annexes designated "informative" are given for information only.
In this standard, annex A is informative.

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Introduction

This document identifies the rules and standards that are particularly applicable to HBES functionalities in products in order to enable harmonisation of testing and conformity assessment.

A product may comprise a single device or a combination of devices intended to be connected and supplied together.

1 Scope

This standard is relevant for all electronic products and systems (including their software) having home and/or building control functions. It is not restricted to products complying with the HBES standards.

Parts of devices and equipment not providing HBES functionality are not included. For such device parts the relevant product standards apply.

This standard defines the general conformity assessment requirements for the communication protocols.

This standard indicates those standards to be used for conformity assessment of HBES products and or systems.

The conformity assessment procedure provides requirements for all key elements of HBES, such as safety, including functional safety, EMC requirements and environment.

These requirements are given by reference to relevant standards, where available.

The assessment and testing of installed systems will be covered by EN 50090-9-2.

2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed below. For dated references subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision of this European Standard. For undated references the latest edition of the publication referred to applies.

EN 50065-1	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz -- Part 1: General requirements, frequency bands and electromagnetic disturbances
EN 50090-2-2	Home and Building Electronic Systems (HBES) Part 2-2: System overview - General technical requirements
EN 50090-9-2 ¹	Home and Building Electronic Systems (HBES) Part 9-2: Installation requirements - Inspection and testing of HBES installations

3 Definitions

For the purpose of this standard, the following definitions apply:

3.1

home control system (hcs):

home network together with all the devices attached to it, including the rules for control, communication and management among application processes. Three classes of home control systems are defined

3.2 For other definitions, see also IEC Guide 110.

¹ In preparation.