

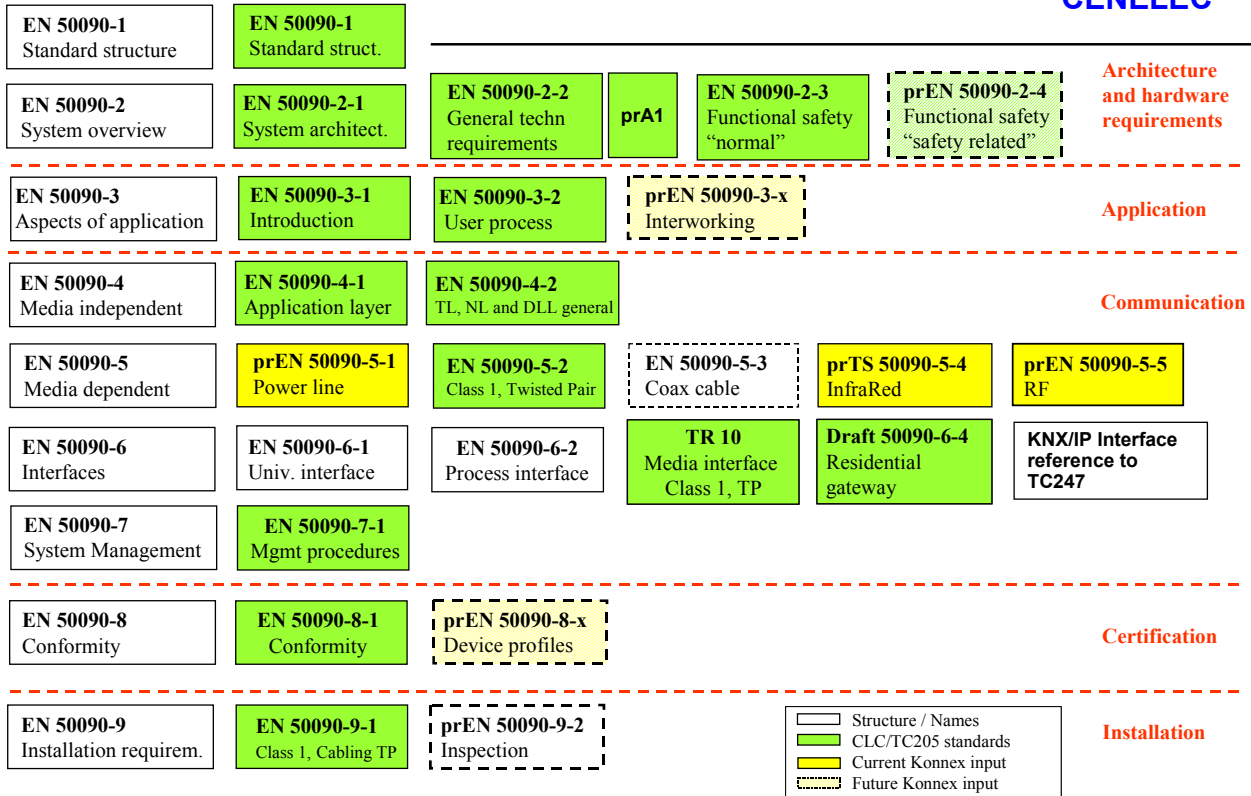
TC 205 Home and Building Electronic Systems (HBES)

is the main European contributor to Intelligent Homes / Smart House standardization. The mission is to identify standardization needs, taking into account users' requirements in the areas of networks inside the house, residential gateways and services.

Secretariat: DKE, Secretary: Mr. Tretter, Chairman: Mr Eric Koenig

Overview of achieved standardization:

CENELEC



CENELEC TC 205 "HBES" & Konnex input

Standardisation results for the CLC TC given below are retrieved from the CENELEC Catalogue 2003 Issue 1

Further CLC TC205 results are:

EN 60948:1990 (IEC 60948:1988) Numeric keyboard for home electronic systems (HES)

The following CLC TC205 Technical reports are being gradually replaced by recently adopted or to still to be adopted EN

R205-001:1992 Home and Building Electronic Systems (HBES) – Technical Report 1: Applications and requirements - Class 1

- R205-002:1992** Home and Building Electronic Systems (HBES) – Technical Report 2: Guidelines for the professional installation of Twisted Pair cables Class 1
- R205-004:1997** Home and Building Electronic Systems (HBES) – Technical Report 4: Applications and requirements - Class 2 and 3
- R205-005:1997** Home and Building Electronic Systems (HBES) – Technical Report 5: Application requirements and market demands for infra-red in the context of HBES
- R205-007:1996** Home and Building Electronic Systems (HBES) – Technical Report 7: Aspects of application - Application Layer
- R205-008:1996** Home and Building Electronic Systems (HBES) – Technical Report 8: Transport Layer and Network Layer, Class 1
- R205-009:1996** (BT(FR/NOT)54 - UTE/CEF 65C/GE 7) Home and Building Electronic Systems (HBES) – Technical Report 9: Media and media dependent layers – Network based on Twisted Pair, Class 1
- R205-010:1996** Home and Building Electronic Systems (HBES) – Technical Report 10: Interfaces - Medium interface, Twisted Pair, Class 1
- R205-011:1996** Home and Building Electronic Systems (HBES) – Technical Report 11: Management
- R205-012:1997** Home and Building Electronic Systems (HBES) – Technical Report 12: Guidelines on requirements for functional safety of products intended to be integrated in a home control system
- R206-001:1998 + corrigendum Feb. 2000**

SC205A Mains communicating systems

Its mission is to prepare harmonized standards for communication systems using low voltage electricity supply lines or the wiring of buildings as a transmission medium and using frequencies above 3 kHz and up to 30 MHz. This includes the allocation of frequency bands for signal transmissions on the mains.

- EN 50065-1:2001** 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 50065-4-1:2001** Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz -- Part 4-1: Low voltage decoupling filters - Generic specification
- EN 50065-4-2:2001** Signalling on low voltage electrical installations in the frequency range 3 kHz to 148,5 kHz -- Part 4-2: Low voltage decoupling filters - Safety requirements
- EN 50065-7:2001** Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz -- Part 7: Equipment impedance
- R205-006:1996** Mains communication systems - Protocol and data integrity and interfaces
- R210-008:2002** Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz -- Part 2-3: Immunity requirements for mains communications equipment and systems operating in the range of frequencies 3 kHz to 95 kHz and intended for use by electricity suppliers and distributors - Recommendations on necessary concepts to model behavioural semantics

TC 206 Consumer equipment for entertainment and information and related subsystems

Its mission is to develop standards for audio, video and multimedia sub-systems and equipment for consumer use.

This includes:

- Receiving equipment for satellite, terrestrial and cable broadcasting services including associated data,
- Imaging, recording and reproducing equipment and components,
- Interfaces and interconnections between equipment,
- User interfaces,

- Infrared systems and equipment,
- Methods of measurement,
- Harmonization of relevant IEC standards

Secretariat DKE, Secretary Dr Michael Klein, Chairman Mr Henk Kolk

EN 50049-1:1997 + corrigendum Feb. 2000 Domestic and similar electronic equipment interconnection requirements: Peritelevision connector + **A1:1998**

EN 50080:1991 RF characteristics of MAC-VSB cable receivers

EN 50094:1992 Access control system for the MAC/packet family: EUROCRYPT+ **A1:1995**

EN 50157-1:1998 Domestic and similar electronic equipment interconnection requirements: AV.link -- Part 1: General

EN 50157-2-1:1998 Domestic and similar electronic equipment interconnection requirements: AV.link -- Part 2-1: Signal quality matching and automatic selection of source devices

EN 50157-2-2:1998 Domestic and similar electronic equipment interconnection requirements: AV.link -- Part 2-2: Basic system oriented commands

EN 50157-2-3:1998 Domestic and similar electronic equipment interconnection requirements: AV.link -- Part 2-3: System oriented application

EN 50201:2001 Interfaces for DVB-IRD

EN 50203:1996 Automatic channel installation (ACI) + **A1:1997**

EN 50221:1997 + corrigendum Feb. 2000 Common interface specification for conditional access and other digital video broadcasting decoder applications

EN 50255:1997 + corrigendum May. 2002 Digital Audio Broadcasting system - Specification of the Receiver Data Interface (RDI) *NOTE: Identical with EN 62105:2002*

EN 50248:2001 Characteristics of DAB receivers

EN 50256:1998 Characteristics of DVB receivers

EN 50301:2001 Methods of measurement for the power consumption of audio, video and related equipment

EN 50320:2000 Digital audio broadcasting system - Specification of the DAB command set for receivers (DCSR)

EN 50332-1:2000 Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations -- Part 1: General method for "one package"

EN 50333:2001 Audio, video and similar electronic apparatus – Routine electrical safety testing in production

EN 60933-4:1994 (IEC 60933-4:1994) Audio, video and audiovisual systems - Interconnections and matching values -- Part 4: Connector and cordset for domestic digital bus (D2B)

EN 60933-5:1993 (IEC 60933-5:1992) Audio, video and audiovisual systems - Interconnections and matching values -- Part 5: Y/C connector for video systems - Electrical matching values and description of the connector

EN 61030:1993 (IEC 61030:1991 + A1:1993) Audio, video and audiovisual systems - Domestic Digital Bus (D2B)

EN 61305-1:1995 (IEC 61305-1:1995) Household high-fidelity audio equipment and systems - Methods of measuring and specifying the performance -- Part 1: General

EN 61305-2:1998 (IEC 61305-2:1997) Household high-fidelity audio equipment and systems - Methods of measuring and specifying the performance -- Part 2: FM radio tuners

EN 61305-3:1995 (IEC 61305-3:1995) Household high-fidelity audio equipment and systems - Methods of measuring and specifying the performance -- Part 3: Amplifiers

EN 61319-1:1996 (IEC 61319-1:1995) Interconnections of satellite receiving equipment -- Part 1: Europe + **A11:1999**

EN 61947-1:2002 (IEC 61947-1:2002) Electronic projection - Measurement and documentation of key performance criteria -- Part 1: Fixed resolution projectors

EN 61947-2:2002 (IEC 61947-2:2001) Electronic projection - Measurement and documentation of key performance criteria -- Part 2: Variable resolution projectors

EN 62105:2002 (IEC 62105:1999) Digital audio broadcast system - Specification of the receiver data interface (RDI)

NOTE: Identical with EN 50255:1997

EN 62106:2001 (IEC 62106:2000) Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 to 108,0 MHz

R203-001:1996 Interface for HDTV analogue signals

R206-001:1998 + corrigendum Feb. 2000 Guidelines for implementation and use of the common interface for DVB decoder applications

TC 215 Electrotechnical aspects of telecommunication equipment.

Its mission is to coordinate standardization in the field of electrotechnical aspects of telecommunication equipment and liaise with other standardization bodies as appropriate.
Secretariat: DKE, Secretary: Mr Thomas Wegmann, Chairman: Mr Dominique Roche

EN 50098-1:1998 Customer premises cabling for Information Technology - Part 1: ISDN basic access + **A1:2002 + corrigendum Jan. 2003**

EN 50098-2:1996 Customer premises cabling for Information Technology - Part 2: 2048 kbit/s ISDN primary access and leased line network interface

EN 50173-1:2002 + corrigendum Jan. 2003 Information technology - Generic cabling systems Part 1: General requirements and office areas

EN 50174-1:2000 Information technology - Cabling installation - Part 1: Specification and quality assurance

EN 50174-2:2000 Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

EN 50346:2002 Information technology - Cabling installation - Testing of installed cabling

TC 79 Alarm systems.

Its mission is to prepare harmonized standards for detection, alarm and monitoring systems for protection of persons and property, and for elements used in these systems. The standards shall specify conformity tests.

Secretariat: BSI, Secretary: Mrs Sharon Cumberbatch, Chairman: Mr Carlo Loi

EN 50130-4:1995 Alarm system - Electromagnetic compatibility - Immunity - Fire component - Intruder

EN 50130-5:1998 Alarm system - Environmental - Test method

EN 50131-1:1997 Alarm system - Intrusion system - General

EN 50131-6:1997 Alarm system - Intrusion system - Power supply

EN 50132-2-1:1997 Alarm system - CCTV surveillance system - Black and white - Camera

EN 50132-4-1:2001 Alarm system - CCTV surveillance system - Security - Monitor - Black and white

EN 50132-5:2001 Alarm system - CCTV surveillance system - Security applications - Video transmission

EN 50132-7:1996 Alarm system - CCTV surveillance system - Security applications - Application guidelines

EN 50133-1:1996 Alarm system - Access control system - Security applications - System requirement

EN 50133-2-1:2000 Alarm system - Access control system - Security applications - Component

EN 50133-7:1999 Alarm system - Access control system - Security applications - Application guidelines

- EN 50134-1:2002** Alarm system - Social alarm system - System requirement
- EN 50134-2:1999** Alarm system - Social alarm system - Trigger device
- EN 50134-3:2001** Alarm system - Social alarm system - Local unit - Local controller
- EN 50134-7:1996** Alarm system - Social alarm system - Application guidelines
- EN 50136-1-1:1998** Alarm system - Transmission - General - System requirement
- EN 50136-1-2:1998** Alarm system - Transmission - Dedicated alarm path - System requirement
- EN 50136-1-3:1998** Alarm system - Transmission - Digital communicator - System requirement
- EN 50136-1-4:1998** Alarm system - Transmission - Voice communicator - System requirement
- EN 50136-2-1:1998** Alarm system - Transmission - General - Equipment requirement
- EN 50136-2-2:1998** Alarm system - Transmission - Dedicated alarm path - Equipment requirement
- EN 50136-2-3:1998** Alarm system - Transmission - Digital communicator - Equipment requirement
- EN 50136-2-4:1998** Alarm system - Transmission - Voice communicator - Equipment requirement
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- TS 50398:2002** Alarm systems - Combined and integrated alarm systems - General requirements
- R079-001:1998** Alarm system - EC directive - Guidelines