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

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

Audio-, Video- und audiovisuelle Anlagen - Verbindungen und Anpaßwerte -- Teil 4: Steckverbinder und Geräteanschlußleitung für den digitalen Bus für Heimanwendungen (D2B)

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Systèmes audio, vidéo et audiovisuels - Interconnexions et valeurs d'adaptation -- Partie 4: Connecteurs et cordons pour les bus numériques à usages domestiques (D2B)

Ta slovenski standard je istoveten z: EN 60933-4:1994

ICS:

| | | |
|-----------|-------------------------------|--|
| 31.220.10 | Vtiči in vtičnice, konektorji | Plug-and-socket devices. Connectors |
| 33.160.40 | Video sistemi | Video systems |

SIST EN 60933-4:1999**en**

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EUROPEAN STANDARD

EN 60933-4

NORME EUROPEENNE

EUROPÄISCHE NORM

May 1994

UDC 621.397:621.316.541

Descriptors: Video recording, sound recording, data recording, home electronic systems, data bus, appliance interconnexion, transmission, control signal, connectors, designation

ENGLISH VERSION

Audio, video and audiovisual systems
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SIST EN 60933-4:1999

This European Standard was approved by CENELEC on 1994-03-08. 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.

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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

The text of document 84(CO)157, as prepared by IEC Technical Committee 84: Equipment and systems in the field of audio, video and audiovisual engineering, was submitted to the IEC-CENELEC parallel vote in August 1993.

The reference document was approved by CENELEC as EN 60933-4 on 8 March 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-04-01
- latest date of withdrawal of conflicting national standards (dow) 1995-04-01

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative.

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The text of the International Standard IEC 933-4:1994 was approved by CENELEC as a European Standard without any modification.

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ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

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 hereafter. 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. For undated references the latest edition of the publication referred to applies.

NOTE : When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

| IEC Publication | Date | Title | EN/HD | Date |
|--------------------|------|--|-----------|------|
| ----- | ---- | ----- | ----- | ---- |
| 1030 | 1991 | Audio, video and audiovisual systems Domestic Digital Bus (D2B) | EN 61030* | 1993 |

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* EN 61030 includes A1:1993 to IEC 1030

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC
933-4**

Première édition
First edition
1994-04

**Systemes audio, vidéo et audiovisuels –
Interconnexions et valeurs d'adaptation –**

Partie 4:

**Connecteurs et cordons pour les bus numériques
à usages domestiques (D2B)**

iTeh STANDARD PREVIEW
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**Audio, video and audiovisual systems –
Interconnections and matching values –**

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**Connector and cordset for domestic
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

AUDIO, VIDEO AND AUDIOVISUAL SYSTEMS –
INTERCONNECTIONS AND MATCHING VALUES –Part 4: Connector and cordset for domestic
digital bus (D2B)

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

International Standard IEC 933-4 has been prepared by IEC technical committee 84: Equipment and systems in the field of audio, video and audiovisual engineering.

The text of this standard is based on the following documents:

| DIS | Report on voting |
|-----------|------------------|
| 84(CO)157 | 84(CO)164 |

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

AUDIO, VIDEO AND AUDIOVISUAL SYSTEMS – INTERCONNECTIONS AND MATCHING VALUES –

Part 4: Connector and cordset for domestic digital bus (D2B)

1 Scope

This International Standard deals with the application of a connector and cordset for transmitting domestic digital bus (D2B) control data signals independently from other (audio and video) signals.

NOTE – The mechanical and electrical specifications for maintaining interchangeability of connectors originating from different manufacturers are under consideration by IEC sub-committee 48B.

2 Normative references

The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All normative documents are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

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IEC 1030: 1991, *Audio, video and audiovisual systems – Domestic Digital Bus (D2B)*

3 Definitions and abbreviations

None.

4 Application and contact designation

The contact designation is given in figure 1.

The contact numbers are given as seen on the mating face of the pin connector.

The fixed connector consists of two receptacles (sockets), each having a switch activated when a plug is inserted. Therefore the termination resistor R_t (120 Ω) of the D2B control bus is automatically provided at the terminating device at both ends of the cable.