

SLOVENSKI STANDARD
SIST EN 60603-7-3:2010**01-september-2010****Nadomešča:****SIST EN 60603-7-3:2010**

Konektorji za elektronsko opremo - 7-3. del: Podrobna specifikacija za 8-redne, zaslonjene, proste in fiksne konektorje za prenos podatkov s frekvencami do 100 MHz (IEC 60603-7-3:2010)

Connectors for electronic equipment - Part 7-3: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 100 MHz (IEC 60603-7-3:2010)

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Steckverbinder für elektronische Einrichtungen - Teil 7-3: Bauartspezifikation für geschirmte freie und feste Steckverbinder, 8polig, für Datenübertragungen bis 100 MHz (IEC 60603-7-3:2010)

[SIST EN 60603-7-3:2010](https://standards.iteh.ai/catalog/standards/sist/79156202-cb51-4c66-a320-5869a2b68efe/sist-en-60603-7-3-2010)<https://standards.iteh.ai/catalog/standards/sist/79156202-cb51-4c66-a320-5869a2b68efe/sist-en-60603-7-3-2010>

Connecteurs pour équipements électroniques - Partie 7-3: Spécification particulière pour les fiches et les embases blindées à 8 voies pour la transmission de données à des fréquences jusqu'à 100 MHz (CEI 60603-7-3:2010)

Ta slovenski standard je istoveten z: EN 60603-7-3:2010**ICS:**31.220.10 Vtiči in vtičnice, konektorji Plug-and-socket devices.
Connectors**SIST EN 60603-7-3:2010****en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60603-7-3

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Supersedes EN 60603-7-3:2009

English version

**Connectors for electronic equipment -
Part 7-3: Detail specification for 8-way, shielded, free and fixed
connectors, for data transmission with frequencies up to 100 MHz
(IEC 60603-7-3:2010)**

Connecteurs pour équipements
électroniques -
Partie 7-3: Spécification particulière
pour les fiches et les embases blindées
à 8 voies pour la transmission de données
à des fréquences jusqu'à 100 MHz
(CEI 60603-7-3:2010)

Steckverbinder für elektronische
Einrichtungen -
Teil 7-3: Bauartspezifikation
für geschirmte freie und feste
Steckverbinder, 8polig,
für Datenübertragungen bis 100 MHz
(IEC 60603-7-3:2010)

STANDARD PREVIEW
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This European Standard was approved by CENELEC on 2010-07-01. 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.

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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

The text of document 48B/2136/FDIS, future edition 2 of IEC 60603-7-3, prepared by SC 48B, Connectors, of IEC TC 48, Electromechanical components and mechanical structures for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60603-7-3 on 2010-07-01.

This European Standard supersedes EN 60603-7-3:2009.

The main technical changes with regard to the previous edition are as follows:

- Removal of test methods that are now referenced to EN 60512-26-100.
- Addition of TCL and TCTL requirements.
- Removal of the electrical, mechanical, dimensional, environmental conditioning tests by reference to EN 60603-7.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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) 2011-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2013-07-01

Annex ZA has been added by CENELEC. [SIST EN 60603-7-3:2010](http://standards.iteh.ai/SIST/EN/60603-7-3-2010)
<http://standards.iteh.ai/catalog/standards/sist/79156202-cb51-4c66-a320-5869a2b68efe/sist-en-60603-7-3-2010>

Endorsement notice

The text of the International Standard IEC 60603-7-3:2010 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60512-26-100:2008 NOTE Harmonized as EN 60512-26-100:2008 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|--------------------|--|----------------|-------------|
| IEC 60512-1-100 | - | Connectors for electronic equipment - Tests and measurements - Part 1-100: General - Applicable publications | EN 60512-1-100 | - |
| IEC 60512-2-1 | - | Connectors for electronic equipment - Tests and measurements - Part 2-1: Electrical continuity and contact resistance tests - Test 2a: Contact resistance - Millivolt level method | EN 60512-2-1 | - |
| IEC 60512-27-100 | 200X ¹⁾ | Connectors for electronic equipment - Tests and measurements - Part 27-100: Signal integrity tests up to 500 MHz on IEC 60603-7 series connectors - Tests 27a to 27g | - | - |
| IEC 60603-7 | 2008 | Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors | EN 60603-7 | 2009 |
| IEC 60603-7-1 | 2009 | Connectors for electronic equipment - Part 7-1: Detail specification for 8-way, shielded, free and fixed connectors | EN 60603-7-1 | 2009 |
| IEC 61156 | Series | Multicore and symmetrical pair/quad cables for digital communications | - | - |

¹⁾ To be published.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Connectors for electronic equipment –
Part 7-3: Detail specification for 8-way, shielded, free and fixed connectors, for
data transmission with frequencies up to 100 MHz**

**Connecteurs pour équipements électroniques –
Partie 7-3: Spécification particulière pour les fiches et les embases blindées à
8 voies pour la transmission de données à des fréquences jusqu'à 100 MHz**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

CONNECTORS FOR ELECTRONIC EQUIPMENT –

Part 7-3: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 100 MHz

FOREWORD

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International Standard IEC 60603-7-3 has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

This second edition of IEC 60603-7-3 cancels and replaces the first edition issued in 2008, and constitutes a technical revision.

The main technical changes with regard to the previous edition are as follows:

- Removal of test methods that are now referenced to IEC 60512-26-100.
- Addition of TCL and TCTL requirements.
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