
Konektorji za elektronsko opremo - 7. del: Podrobna specifikacija za 8-redne, nezaslonjene, proste in fiksne konektorje

Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors

Steckverbinder für elektronische Einrichtungen - Teil 7: Bauartspezifikation für ungeschirmte freie und feste Steckverbinder, 8polig

Connecteurs pour équipements électroniques - Partie 7: Spécification particulière pour les fiches et les embases non écrantées à 8 voies

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Ta slovenski standard je istoveten z: EN 60603-7:2009/A1:2011

ICS:

31.220.10	Vtiči in vtičnice, konektorji	Plug-and-socket devices. Connectors
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SIST EN 60603-7:2010/A1:2012**en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60603-7/A1

November 2011

ICS 31.220.01

English version

**Connectors for electronic equipment -
Part 7: Detail specification for 8-way, unshielded,
free and fixed connectors
(IEC 60603-7:2008/A1:2011)**

Connecteurs pour équipements
électroniques -
Partie 7: Spécification particulière
pour les fiches et les embases
non écrantées à 8 voies
(CEI 60603-7:2008/A1:2011)

Steckverbinder für elektronische
Einrichtungen -
Teil 7: Bauartspezifikation für
ungeschirmte freie und feste
Steckverbinder, 8polig
(IEC 60603-7:2008/A1:2011)

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This amendment A1 modifies the European Standard EN 60603-7:2009: it was approved by CENELEC on 2011-11-03. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 48B/2145/CDV, future edition 3 of IEC 60603-7:2008/A1, 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 approved by CENELEC as EN 60603-7:2009/A1:2011.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-08-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2014-11-03

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

Endorsement notice

The text of the International Standard IEC 60603-7:2008/A1:2011 was approved by CENELEC as a European Standard without any modification.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
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**Connectors for electronic equipment –
Part 7: Detail specification for 8-way, unshielded, free and fixed connectors**

**Connecteurs pour équipements électroniques –
Partie 7: Spécification particulière pour les fiches et les embases non écrantées
à 8 voies**

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ICS 31.220.01

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FOREWORD

This amendment has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment..

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

CDV	Report on voting
48B/2145/CDV	48B/2205/RVC

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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In 5.1, replace:

Clearance shall be provided for connector contacts.

By:

The “Go” gauge in Figure 5 is intended to assess the fixed connector minimum aperture width and height, and shall not be used to assess contact forces. Clearance shall be provided for connector signal contacts. If connector shield contacts are present, either clearance shall be provided for these contacts (as long as the minimum aperture width and height are still assessed) or these contacts, within the connector aperture, shall be removed.

In 5.2, Figure 8, right hand view, replace:

AC6

By:

AB6

In 6.4.1, replace:

The creepage and clearance distances are given as operating characteristics of mated connectors.

By:

The creepage and clearance distances in Table 8 are given as operating characteristics of mated connectors.

In 7.7.2.3, Test phase AP3, 3rd column, replace:

See IEC 60068-2-14

By:

11d

In 7.7.2.4, Test phase BP3, 4th column, replace:

4 days

Half of samples in mated state

Half of samples in unmated state

By:

Method 1

4 days

Half of samples in mated state

Half of samples in unmated state

In 7.7.2.5, Test phase CP1, 3rd column, replace:

11c

By:

6d

In 7.7.2.5, Test phase CP2, 7th column, delete the wording below:

No disturbance of free and fixed connector between vibration test and measurement

In 7.7.2.5, Test phase CP2, 4th column, add the following:

No disturbance of the free connector to fixed connector electrical connections, between vibration test and contact resistance measurement.

In 7.7.2.5, Test Phase CP2 shall now read as follows:

Test phase	Test			Measurement to be performed		
	Title	IEC 60512 Test No.	Severity or condition of test	Title	IEC 60512 Test No.	Requirements
CP2			Measurement points as in Figure 11 All contacts/specimens No disturbance of the free connector to fixed connector electrical connections, between vibration test and contact resistance measurement.	Contact resistance	2a	20 mΩ maximum change from initial

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