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**Konektorji za elektronsko opremo - Preskusi in meritve - 9-2. del: Preskusi vzdržljivosti - Preskus 9b: Električno breme in temperatura**

Connectors for electronic equipment - Tests and measurements - Part 9-2: Endurance tests - Test 9b: Electrical load and temperature

Steckverbinder für elektronische Einrichtungen - Mess- und Prüfverfahren - Teil 9-2: Dauerprüfungen - Prüfung 9b: Elektrische Belastung bei hoher Temperatur

Connecteurs pour équipements électroniques - Essais et mesures - Partie 9-2: Essais d'endurance - Essai 9b: Charge électrique et température

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**Ta slovenski standard je istoveten z: EN 60512-9-2:2012**

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**ICS:**

31.220.10	Vtiči in vtičnice, konektorji	Plug-and-socket devices. Connectors
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**SIST EN 60512-9-2:2012****en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60512-9-2**

February 2012

ICS 31.220.01

English version

**Connectors for electronic equipment -  
Tests and measurements -  
Part 9-2: Endurance tests -  
Test 9b: Electrical load and temperature  
(IEC 60512-9-2:2011)**

Connecteurs pour équipements  
électroniques -  
Essais et mesures -  
Partie 9-2: Essais d'endurance -  
Essai 9b: Charge électrique et  
température  
(CEI 60512-9-2:2011)

Steckverbinder für elektronische  
Einrichtungen -  
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Teil 9-2: Dauerprüfungen -  
Prüfung 9b: Elektrische Belastung bei  
hoher Temperatur  
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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/2243/FDIS, future edition 1 of IEC 60512-9-2, 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 60512-9-2:2012.

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) 2012-10-02
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-01-02

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 60512-1-1	-	Connectors for electronic equipment - Tests and measurements - Part 1-1: General examination - Test 1a: Visual examination	EN 60512-1-1	-
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 60512-2-6	-	Connectors for electronic equipment - Tests and measurements - Part 2-6: Electrical continuity and contact resistance tests - Test 2f: Housing (shell) electrical continuity	EN 60512-2-6	-
IEC 60512-3-1	-	Connectors for electronic equipment - Tests and measurements - Part 3-1: Insulation tests - Test 3a: Insulation resistance	EN 60512-3-1	-
IEC 60512-4-1	-	Connectors for electronic equipment - Tests and measurements - Part 4-1: Voltage stress tests - Test 4a: Voltage proof	EN 60512-4-1	-

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IEC 60512-9-2

Edition 1.0 2011-11

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

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**Connectors for electronic equipment – Tests and measurements –  
Part 9-2: Endurance tests – Test 9b: Electrical load and temperature**

**Connecteurs pour équipements électroniques – Essais et mesures –  
Partie 9-2: Essais d'endurance – Essai 9b: Charge électrique et température**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

PRICE CODE  
CODE PRIX

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ICS 31.220.01

ISBN 978-2-88912-809-9

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONNECTORS FOR ELECTRONIC EQUIPMENT –  
TESTS AND MEASUREMENTS –****Part 9-2: Endurance tests –  
Test 9b: Electrical load and temperature**

## FOREWORD

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This standard cancels and replaces Test 9b of IEC 60512-5, issued in 1992. The structure of the test documents in the IEC 60512 series is explained in IEC 60512-1-100.