
Konektorji za elektronsko opremo - Zahteve za izdelek - 4-116. del: Konektorji za tiskana vezja - Podrobna specifikacija za visokohitrostni dvodelni konektor z vgrajeno zaslonsko zaščitno funkcijo

Connectors for electronic equipment - Product requirements - Part 4-116: Printed board connectors - Detail specification for a high-speed two-part connector with integrated shielding function

Steckverbinder für elektronische Einrichtungen - Produktanforderungen - Teil 4-116: Steckverbinder für gedruckte Schaltungen - Bauartspezifikation für einen indirekten High-Speed-Steckverbinder mit integrierter Schirmungsfunktion

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Connecteurs pour équipements électroniques - Exigences de produit - Partie 4-116: Connecteurs pour cartes imprimées - Spécification particulière pour un connecteur haute vitesse en deux parties avec une fonction de protection intégrée

Ta slovenski standard je istoveten z: EN 61076-4-116:2012

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31.220.10	Vtiči in vtičnice, konektorji	Plug-and-socket devices. Connectors

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61076-4-116

June 2012

ICS 31.220.10

English version

**Connectors for electronic equipment -
Product requirements -
Part 4-116: Printed board connectors -
Detail specification for a high-speed two-part connector
with integrated shielding function
(IEC 61076-4-116:2012)**

Connecteurs pour équipements
électroniques - Exigences de produit -
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imprimées -
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avec une fonction de protection intégrée
(CEI 61076-4-116:2012)

Steckverbinder für elektronische
Einrichtungen - Produkthanforderungen -
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Bauartspezifikation für einen indirekten
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Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 48B/2280/FDIS, future edition 1 of IEC 61076-4-116, 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 61076-4-116:2012.

The following dates are fixed:

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

IEC 60664-1 NOTE Harmonised as EN 60664-1.

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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 60050-581	2008	International Electrotechnical Vocabulary (IEV) - Part 581: Electromechanical components for electronic equipment	-	-
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60068-2-52 + corr. July	1996 1996	Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)	EN 60068-2-52	1996
IEC 60068-2-54	2006	Environmental testing - Part 2-54: Tests - Test Ta: Solderability testing of electronic components by the wetting balance method	EN 60068-2-54	2006
IEC 60352-5	-	Solderless connections - Part 5: Press-in connections - General requirements, test methods and practical guidance	EN 60352-5	-
IEC 60352-8	-	Solderless connections - Part 8: Compression mount connections - General requirements, test methods and practical guidance	EN 60352-8	-
IEC 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Connectors for electronic equipment – Product requirements –
Part 4-116: Printed board connectors – Detail specification for a high-speed
two-part connector with integrated shielding function**

**Connecteurs pour équipements électroniques – Exigences de produit –
Partie 4-116: Connecteurs pour cartes imprimées – Spécification particulière
pour un connecteur haute vitesse en deux parties avec une fonction de
protection intégrée**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONNECTORS FOR ELECTRONIC EQUIPMENT –
PRODUCT REQUIREMENTS –**
**Part 4-116: Printed board connectors –
Detail specification for a high-speed two-part connector
with integrated shielding function**

FOREWORD

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International Standard IEC 61076-4-116 has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

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FDIS	Report on voting
48B/2280/FDIS	48B/2289/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of IEC 61076, under the general title *Connectors for electronic equipment – Product requirements*, can be found on the IEC website.

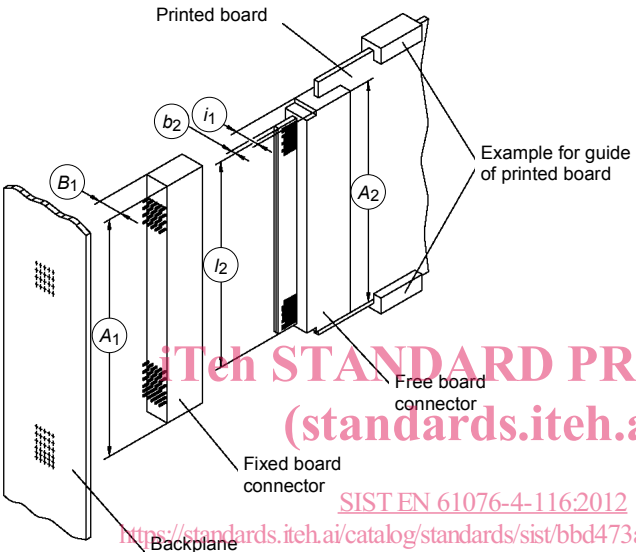
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<p>IEC SC 48B – Connectors Specification available from: IEC General secretariat or from the addresses shown on the inside cover.</p>	<p>Draft IEC 61076-4-116 Ed. 1.0</p>
<p>ELECTRONIC COMPONENTS DETAIL SPECIFICATION in accordance with IEC 61076-1 and IEC 61076-4</p>	<p>Page 6 of 42</p>
<p style="text-align: center;">Outline drawing</p> 	<p>Two-part connector for printed boards and backplanes</p>
	<p>Fixed and free connectors, for industrial environments</p> <p>Performance level: 1</p>