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**Konektorji za elektronsko opremo - Zahteve za izdelek - 3-118. del: Pravokotni konektorji - Podrobna specifikacija za 4-polni + PE močnostni zaklepni konektor (IEC 61076-3-118:2010)**

Connectors for electronic equipment - Product requirements - Part 3-118: Rectangular connectors - Detail specification for a 4 pole + PE power connector with push-pull coupling (IEC 61076-3-118:2010)

Steckverbinder für elektronische Einrichtungen - Produkthanforderungen - Teil 3-118: Rechteckige Steckverbinder - Bauartspezifikation für einen Leistungssteckverbinder 4polig + PE mit Push-pull-Kupplung (IEC 61076-3-118:2010)

Connecteurs pour équipements électroniques - Exigences de produit - Partie 3-118: Connecteurs rectangulaires: Spécification particulière relative à un connecteur de puissance à 4 pôles + PE avec mécanisme de couplage pousser-tirer (CEI 61076-3-118:2010)

**Ta slovenski standard je istoveten z: EN 61076-3-118:2010**

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**ICS:**

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**SIST EN 61076-3-118:2010****en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61076-3-118**

July 2010

ICS 31.220.10

English version

**Connectors for electronic equipment - Product requirements -  
Part 3-118: Rectangular connectors -  
Detail specification for a 4 pole + PE power connector  
with push-pull coupling  
(IEC 61076-3-118:2010)**

Connecteurs pour équipements  
électroniques - Exigences de produit -  
Partie 3-118: Connecteurs rectangulaires:  
Spécification particulière relative  
à un connecteur de puissance à 4 pôles +  
PE avec mécanisme de couplage  
pousser-tirer  
(CEI 61076-3-118:2010)

Steckverbinder für elektronische  
Einrichtungen - Produktanforderungen -  
Teil 3-118: Rechteckige Steckverbinder -  
Bauartspezifikation  
für einen Leistungssteckverbinder 4polig +  
PE mit Push-pull-Kupplung  
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**CENELEC**

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Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 48B/2134/FDIS, future edition 1 of IEC 61076-3-118, 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 61076-3-118 on 2010-07-01.

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) | 2010-04-01 |
| – 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.

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## Endorsement notice

The text of the International Standard IEC 61076-3-118:2010 was approved by CENELEC as a European Standard without any modification. (standards.iteh.ai)

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60068-2-14	NOTE	Harmonized as EN 60068-2-14. <a href="https://standards.iteh.ai/catalog/standards/sist/50b3dbc-a114-4132-9c36-3c773d95898e/sist-en-61076-3-118-2010">https://standards.iteh.ai/catalog/standards/sist/50b3dbc-a114-4132-9c36-3c773d95898e/sist-en-61076-3-118-2010</a>
IEC 60068-2-30	NOTE	Harmonized as EN 60068-2-30.
IEC 60664-1	NOTE	Harmonized as EN 60664-1.

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## 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 60050-581	2008	International Electrotechnical Vocabulary - Part 581: Electromechanical components for electronic equipment	-	-
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60352	Series	Solderless connections	EN 60352	Series
IEC 60512-1-2	2002	Connectors for electronic equipment - Tests and measurements - Part 1-2: General examination - Test 1b: Examination of dimension and mass	EN 60512-1-2	2002
IEC 60512-1-100	-	Connectors for electronic equipment - Tests and measurements - Part 1-100: General - Applicable publications	EN 60512-1-100	-
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 1993
IEC 60999-1	1999	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 1: General requirements and particular requirements for clamping units for conductors from 0,2 mm <sup>2</sup> up to 35 mm <sup>2</sup> (included)	EN 60999-1	2000
IEC 60999-2	2003	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 2: Particular requirements for clamping units for conductors above 35 mm <sup>2</sup> up to 300 mm <sup>2</sup> (included)	EN 60999-2	2003
IEC 61076-1	-	Connectors for electronic equipment - Product requirements - Part 1: Generic specification	EN 61076-1	-
IEC 61984	2008	Connectors - Safety requirements and tests	EN 61984	2009
IEC 62197-1	2006	Connectors for electronic equipment - Quality assessment requirements - Part 1: Generic specification	EN 62197-1	2006
IEC Guide 109	-	Environmental aspects - Inclusion in electrotechnical product standards	-	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC Guide 114	-	Environmentally conscious design - Integrating - environmental aspects into design and development of electrotechnical products		-
ISO 1302	2002	Geometrical Product Specifications (GPS) - Indication of surface texture in technical product documentation	EN ISO 1302	2002
ISO 11469	2000	Plastics - Generic identification and marking of plastic products	EN ISO 11469	2000

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IEC 61076-3-118

Edition 1.0 2010-04

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Connectors for electronic equipment – Product requirements –  
Part 3-118: Rectangular connectors – Detail specification for a 4 pole plus PE  
power connector with push-pull coupling**

**Connecteurs pour équipements électroniques – Exigences de produit –  
Partie 3-118: Connecteurs rectangulaires – Spécification particulière relative à  
un connecteur de puissance à 4 pôles plus PE avec mécanisme de couplage  
pousser-tirer**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**CONNECTORS FOR ELECTRONIC EQUIPMENT –  
PRODUCT REQUIREMENTS –**
**Part 3-118: Rectangular connectors – Detail specification for  
a 4 pole plus PE power connector with push-pull coupling**

## FOREWORD

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International Standard IEC 61076-3-118 has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

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

FDIS	Report on voting
48B/2134/FDIS	48B/2175/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 series, under the general title *Connectors for electronic equipment – Product requirements*, can be found on the IEC website.

The committee has decided that the contents of this 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
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