

SLOVENSKI STANDARD**SIST EN 61076-3:2002****01-september-2002**

Connectors with assessed quality, for use in d.c., low frequency analogue and digital high-speed data applications - Part 3: Rectangular connectors with used quality - Sectional specification (IEC 61076-3:1999)

Connectors for use in d.c., low-frequency analogue and digital high-speed data applications -- Part 3: Rectangular connectors with assessed quality - Sectional specification

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Steckverbinder für Gleichspannungs- und Niederfrequenzanwendungen sowie digitale Anwendungen mit hoher Übertragungsrate - Teil 3: Rechteckige Steckverbinder mit bewerteter Qualität - Rahmenspezifikation

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Connecteurs pour applications analogiques en courant continu et basse fréquence et pour applications numériques utilisant des débits élevés pour le transfert des données -- Partie 3: Connecteurs rectangulaires sous assurance de la qualité - Spécification intermédiaire

Ta slovenski standard je istoveten z: EN 61076-3:2000

ICS:

31.220.10 Xã sá Ácã } á^É[} ^\q | h Plug-and-socket devices.
Connectors

SIST EN 61076-3:2002

en

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EUROPEAN STANDARD
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EUROPÄISCHE NORM

EN 61076-3

January 2000

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English version

**Connectors for use in d.c., low-frequency analogue
and digital high-speed data applications**
Part 3: Rectangular connectors with assessed quality
Sectional specification
(IEC 61076-3:1999)

Connecteurs pour applications analogiques en courant continu et basse fréquence et pour applications numériques utilisant des débits élevés pour le transfert des données
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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 members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 48B/790/FDIS, future edition 1 of IEC 61076-3, 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 61076-3 on 2000-01-01.

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) 2000-10-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2003-01-01

Annexes designated "normative" are part of the body of the standard.

In this standard, annex ZA is normative.

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 61076-3:1999 was approved by CENELEC as a European Standard without any modification.

SIST EN 61076-3:2002

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Annex ZA (normative)

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

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60068-1	1988	Environmental testing Part 1: General and guidance	EN 60068-1 ¹⁾	1994
IEC 60352-1	1997	Solderless connections Part 1: Wrapped connections - General requirements, test methods and practical guidance	EN 60352-1	1997
IEC 60352-2	1990	Part 2: Solderless crimped connections General requirements, test methods and practical guidance	EN 60352-2	1994
IEC 60352-3	1993	Part 3: Solderless accessible insulation displacement connections - General requirements, test methods and practical guidance	EN 60352-3	1994
IEC 60352-4	1994	Part 4: Solderless non-accessible insulation displacement connections - General requirements, test methods and practical guidance	EN 60352-4	1994
IEC 60352-5	1995	Part 5: Solderless press-in connections General requirements, test methods and practical guidance	EN 60352-5	1995
IEC 60410	1973	Sampling plans and procedures for inspection by attributes	-	-
IEC 60512	series	Electromechanical components for electronic equipment - Basic testing procedures and measuring methods	EN 60512	series

1) EN 60068-1 includes the corrigendum October 1988 and A1:1992 to IEC 60068-1.

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EN 61076-3:2000

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61076-1	1995	Connectors with assessed quality, for use in d.c., low frequency analogue and in digital high-speed data applications Part 1: Generic specification - Capability approval	EN 61076-1	1995

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INTERNATIONAL STANDARD

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**Connectors for use in d.c., low-frequency analogue
and digital high-speed data applications –**

**Part 3:
Rectangular connectors with assessed quality –
Sectional specification**

**iTECH STANDARD PREVIEW
(standards.iteh.ai)**

*Connecteurs pour applications analogiques en courant continu
et basse fréquence et pour applications numériques utilisant
des débits élevés pour le transfert des données –*

*Partie 3:
Connecteurs rectangulaires sous assurance de la qualité –
Spécification intermédiaire*

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONNECTORS FOR USE IN DC, LOW-FREQUENCY ANALOGUE
AND DIGITAL HIGH-SPEED DATA APPLICATIONS –****Part 3: Rectangular connectors with assessed quality –
Sectional specification****FOREWORD**

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical specifications, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61076-3 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/790/FDIS	48B/819/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 3.

This part 3 constitutes the sectional specification in the IEC quality assessment system for electronic components (IECQ) for rectangular connectors.

The other parts form the generic specification and the sectional specifications, some being under consideration or in preparation. For these publications, the QC 480XXX has been reserved.

IEC 61076 was reserved for these series of documents as well as QC 480000; the documents available or under preparation are:

- IEC 61076-1: Generic specification
- IEC 61076-2: Sectional specification – Circular connectors
- IEC 61076-3: Sectional specification – Rectangular connectors
- IEC 61076-4: Sectional specification – Printed board connectors
- IEC 61076-5: Sectional specification – In-line socket devices
- IEC 61076-6: Sectional specification – Loose part contacts

The QC number that appears on the cover of this publication is the specification number of the IEC Quality Assessment System for Electronic Components (IECQ).

The committee has decided that this publication remains valid until 2004. At this date, in accordance with the committee's decision, the publication will be

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

ITEH STANDARD PREVIEW (standards.iteh.ai)

A bilingual version of this standard may be issued at a later date.

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<https://standards.iteh.ai/catalog/standards/sist/acf9a883-82b0-4ffc-8e17-360f1a5d32de/sist-en-61076-3-2002>

CONNECTORS FOR USE IN DC, LOW-FREQUENCY ANALOGUE AND DIGITAL HIGH-SPEED DATA APPLICATIONS –

Part 3: Rectangular connectors with assessed quality – Sectional specification

1 General

1.1 Scope

This part of IEC 61076 establishes uniform specifications, type testing requirements and quality assessment procedures for a subfamily of rectangular connectors. It should be used in conjunction with the generic specification IEC 61076-1 and with relevant detail specifications.

1.2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 61076. For dated references, subsequent amendments to or revisions of, any of these publications do not apply. However, parties to agreements based on this part of IEC 61076 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60068-1:1988, *Environmental testing – Part 1: General and guidance*

SIST EN 61076-3:2002

IEC 60352-1:1997, *Solderless connectors – Part 1: Wrapped connections – General requirements, test methods and practical guidance*

IEC 60352-2:1990, *Solderless connections – Part 2: Solderless crimped connections – General requirements, test methods and practical guidance*

IEC 60352-3:1993, *Solderless connections – Part 3: Solderless accessible insulation displacement connections – General requirements, test methods and practical guidance*

IEC 60352-4:1994, *Solderless connections – Part 4: Solderless non-accessible insulation displacement connections – General requirements, test methods and practical guidance*

IEC 60352-5:1995, *Solderless connections – Part 5: Solderless press-in connections – General requirements, test methods and practical guidance*

IEC 60410:1973, *Sampling plans and procedures for inspection by attributes*

IEC 60512 (all parts), *Electromechanical components for electronic equipment – Basic testing procedures and measuring methods*

IEC 61076-1:1995, *Connectors with assessed quality, for use in d.c. low-frequency analogue and digital high-speed data applications – Part 1: Generic specification*