

SLOVENSKI STANDARD
SIST EN 61076-1:2002/A2:2002
01-september-2002

Connectors with assessed quality, for use in d.c., low frequency analogue and digital high-speed data applications - Part 1: Generic specification - Capability approval - Amendment A2 (IEC 61076-1:1995/A2:2000)

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

Steckverbinder mit bewerteter Qualität für Gleichspannungs- und Niederfrequenzanwendungen sowie digitale Anwendungen mit hoher Übertragungsrate - Teil 1: Fachgrundspezifikation - (Befähigungsanerkennung)

Connecteurs sous assurance de la qualité, pour utilisation dans le cadre d'applications analogiques en courant continu et à basse fréquence et dans le cadre d'applications numériques utilisant des débits élevés pour le transfert des données -- Partie 1: Spécification générique - Agrément de savoir-faire

Ta slovenski standard je istoveten z: EN 61076-1:1995/A2:2001

ICS:

31.220.10 Xcã ãñ Ácã } ã Æ Æ [] ^ \ ç ì ã Plug-and-socket devices.
Connectors

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EUROPEAN STANDARD

EN 61076-1/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2001

ICS 31.220.10

English version

**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
(IEC 61076-1:1995/A2:2001)**

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Partie 1: Spécification générique - Agrément de savoir-faire
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This amendment A2 modifies the European Standard EN 61076-1:1995; it was approved by CENELEC on 2001-07-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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/1000/FDIS, future amendment 2 to IEC 61076-1:1995, 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 amendment A2 to EN 61076-1:1995 on 2001-07-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2002-04-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2004-07-01

Endorsement notice

The text of amendment 2:2001 to the International Standard IEC 61076-1:1995 was approved by CENELEC as an amendment to the European Standard without any modification.

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

61076-1

QC 480000

1995

AMENDEMENT 2
AMENDMENT 2
2001-06

Amendement 2

**Connecteurs sous assurance de la qualité,
pour utilisation dans le cadre d'applications
analogiques en courant continu et à basse
fréquence et dans le cadre d'applications
numériques utilisant des débits élevés pour
le transfert des données –**

Partie 1:

Spécification générique – Agrément de savoir-faire

Amendment 2

**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

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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For price, see current catalogue*

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:

| FDIS | Report on voting |
|---------------|------------------|
| 48B/1000/FDIS | 48B/1057/RVD |

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

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Add, after the existing subclause 1.2.3, the following new subclauses 1.2.4 to 1.2.4.4:

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1.2.4 Conformance to different levels of compatibility

SIST EN 61076-1:2002/A2:2002

As a function of the standardization degree, four levels characterize the compatibility of connectors from different sources. These levels are defined in 1.2.4.1 to 1.2.4.4 and shall, when appropriate, be indicated in the detail specification of the connector.

NOTE If connectors of differing compatibility levels are mated, the lower level prevails.

1.2.4.1 Level 1 – Intermountable

This level standardizes only overall dimensions and mounting dimensions on printed board or panel cut-out and cable termination assembly. Connectors from different sources are not necessarily intermateable.

Information required in a detail specification in order to satisfy this level are: printed board layout, board distances and orientation (parallel or perpendicular) and/or panel cut-out and location. For free-cable connectors, cable termination assembly characteristics shall be specified.

1.2.4.2 Level 2 – Intermateable

This level standardizes only dimensions of electrical and mechanical interfaces.

Electrical, mechanical and climatic performances of connectors from different sources, when mated, are not fully guaranteed.

1.2.4.3 Level 3 – Intermateable and intermountable

This level standardizes mounting dimensions, electrical and mechanical interface and overall dimensions.

Electrical, mechanical and climatic performances of connectors, from different sources, when mated, are not fully guaranteed.

1.2.4.4 Level 4 – Interchangeable

This level standardizes all the elements guaranteeing compliance of the electrical, mechanical and climatic performances of mated connectors when individual connector halves are from different sources.

NOTE The complexity of demonstrating interchangeability at level 4 may be substantial and therefore should be evaluated prior to the level being specified.

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