

INTERNATIONAL STANDARD

IEC 61076-7

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

Part 7: Cable outlet accessories with assessed quality, including qualification and capability approval – Sectional specification

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

*Partie 7:
Accessoires de sorties de câbles sous assurance de la qualité,
y compris homologation et agrément de savoir-faire –
Spécification intermédiaire*

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 7: Cable outlet accessories with assessed quality, including qualification and capability approval – 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.
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International Standard IEC 61076-7 has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

This International Standard has been submitted by CENELEC under the IEC fast track procedure and according to the Dresden agreement between the two organizations. This standard is not in line with Part 3 of the ISO/IEC Directives and not consistent with the existing specifications of the IEC 61076 series (generic specification IEC 61076-1 and sectional specifications such as IEC 61076-4). It is expected that SC 48B will revise this standard and bring it in line with Part 3 of the ISO/IEC Directives and with the IEC 61076 series.

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

| | |
|--------------|------------------|
| FDIS | Report on voting |
| 48B/863/FDIS | 48B/911/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.

Annexes A, B, C, D and E form an integral part of this standard.

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

The committee has decided that the contents of this publication will remain unchanged until 2003. At this date, the publication will be

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- withdrawn;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

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

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

Part 7: Cable outlet accessories with assessed quality, including qualification and capability approval – Sectional specification

1 General

1.1 Scope

This part of IEC 61076 establishes uniform specifications, type test requirements and quality assessment procedures for cable outlet accessories as well as rules for the preparation of detail specifications for cable outlet accessories of assessed quality for connectors for frequencies below 3 MHz.

In the event of conflict between this sectional specification and the detail specification, the requirements of the detailed specification shall prevail.

NOTE When selecting an approved rear accessory and connector, guidance shall be sought from the manufacturer or ONS to ensure compatibility.

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 Standard.

IEC 60050(581), *International Electrotechnical Vocabulary (IEV) – Chapter 581: Electro-mechanical components for electronic equipment*

IEC 60068 (all parts), *Environmental testing*

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

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

IEC 61076-7-001, —, *Connectors for use in d.c. and low-frequency analogue and digital high speed data applications – Part 7-001: Cable outlet accessories with assessed quality including qualification and capability approval – Blank detail specification*¹⁾

QC 001002 (all parts), *IEC Quality Assessment System for Electronic Components (IECQ) – Rules of Procedure*

QC 001005, *Register of Firms, Products and Services approved under the IECQ System, including ISO 9000*

1) To be published.

ISO 129:1985, *Technical drawings – Dimensioning – General principles, definitions, methods of execution and special indications*

ISO 1101:1983, *Technical drawings – Geometrical tolerancing – Tolerancing of form, orientation, location and run-out – Generalities, definitions, symbols, indications on drawings*

CECC 00109:1974, *Rule of procedure 9: Certified test records*