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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Connectors for electronic equipment – Tests and measurements – Part 1-101: Blank detail specification

Connecteurs pour équipements électroniques – Essais et mesures – Partie 1-101: Spécification particulière cadre

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CONNECTORS FOR ELECTRONIC EQUIPMENT – TESTS AND MEASUREMENTS –

Part 1-101: Blank detail specification

FOREWORD

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International Standard IEC 60512-1-101 has been prepared by subcommittee 48B: Electrical connectors, of IEC technical committee 48: Electrical connectors and mechanical structures for electrical and electronic equipment.

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

FDIS	Report on voting
48B/2421/FDIS	48B/2433/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.

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A list of all parts in the IEC 60512 series, published under the general title *Connectors for electronic equipment – Tests and measurements*, 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 website 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- withdrawn,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
- amended.

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INTRODUCTION

This blank detail (tests and measurements) specification is a supplementary document to the IEC 60512 test and measurements specification series and contains requirements for style, layout and content of test and measurements specifications for connectors.

The content of this blank detail (tests and measurements) specification is laid out in two parts: one page contains the example of the blank detail tests and measurements specification, on the adjacent page, the guidance notes refer to the example. The guidance notes have the same numbering as the relevant clauses of the example pages. The example pages may be used as a template when preparing a detail (tests and measurements) specification within the scope of this standard.

This standard is not intended to replace the templates and guidance notes of the IEC, but to assist in their application within the range of the IEC 60512 series standards. All users are reminded to adhere to the relevant directives and guidelines of the IEC when preparing a standard.

This blank detail (tests and measurements) specification provides guidance and several common references and examples, but it is not possible to anticipate on all future standards. In new cases, it may be necessary to deviate from the document structure, e.g. by adding paragraphs, subclauses or other details.

As there are also publications providing test sequences including sets of test and measurement methods in the IEC 60512 series, attention is drawn not to apply this standard to this kind of publication as a whole, but to each of its constituting test methods.

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CONNECTORS FOR ELECTRONIC EQUIPMENT – TESTS AND MEASUREMENTS –

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Guidance notes

1 Scope and object

This clause gives a general description of the purpose of the test, and of the measurement or conditioning, possibly with reference to conditions which may occur in actual use.

2 Normative references

It may be necessary to refer to IEC 60512-1 (General). In addition, IEC 60512-X-X (Connectors for electronic equipment – Tests and measurements), IEC 60068-2-XX (Environmental testing) and other specific documents may be referred, for instance to refer to a measuring method.

If reference is made to a particular element, such as a clause, table, figure, etc., the referenced document shall be dated.

3 Terms and definitions

In addition to the terminology used in, and applicable to, the detail (product) specification, as stated in 1.3 of IEC 60512-1, it is recommended that those terms and definitions which are unique to the test specified in the detail (product) specification be listed here.

4 Preparations

4.1 Test equipment

Details of equipment, fixtures, gauges, etc. relating to the test are described here.

4.2 Preparation of specimen

Details such as connector type (male, female, pair, etc.), contact type (male, female, pair, etc.), termination (wired or not), accessories (with or without) and any other details are described here.

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