



SLOVENSKI STANDARD
SIST IEC 60884-2-2:2010
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Vtiči in vtičnice za gospodinjstva in podobne namene - 2-2. del: Posebne zahteve za vtičnice za aparate

Plugs and socket-outlets for household and similar purposes - Part 2-2: Particular requirements for socket-outlets for appliances

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INTERNATIONAL STANDARD

IEC 60884-2-2

Second edition
2006-10

**Plugs and socket-outlets for
household and similar purposes –**

**Part 2-2:
Particular requirements for socket-outlets
for appliances**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PLUGS AND SOCKET-OUTLETS FOR HOUSEHOLD
AND SIMILAR PURPOSES –****Part 2-2: Particular requirements for
socket-outlets for appliances**

FOREWORD

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International Standard IEC 60884-2-2 has been prepared by subcommittee 23B: Plugs, socket-outlets and switches, of IEC technical committee 23: Electrical accessories.

This second edition of IEC 60884-2-2 cancels and replaces the first edition published in 1989, and constitutes a technical revision. The main changes from the previous edition are as follows:

- alignment to IEC 60884-1 third edition;
- modification of Clause 12 to clarify the use of flat quick-connect terminations and for looping in;
- modification of Clause 24 to refer to IEC 60068-2-75 for details of the test apparatus.

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

FDIS	Report on voting
23B/830/FDIS	23B/847/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.

This Part 2-2 is intended to be used in conjunction with IEC 60884-1. It was established on the basis of the third edition (2002) of that standard.

This Part 2-2 supplements or modifies the corresponding clauses in IEC 60884-1, so as to convert that publication into the IEC standard: Particular requirements for socket-outlets for appliances.

When a particular subclause of Part 1 is mentioned in this Part 2-2, that subclause applies as far as reasonable. Where this standard states “addition”, “modification” or “replacement”, the relevant text of Part 1 is to be adapted accordingly.

In this standard the following print types are used:

- requirements proper: in roman type;
- *test specification*: in italic type;
- explanatory notes: in small roman type.

Subclauses and tables which are additional to those in Part 1 are numbered starting from 101.

When clauses of Part 1 are declared as applicable, they apply only where they contain requirements concerning socket-outlets for appliances.

A list of all parts of the IEC 60884 series, under the general title *Plugs and socket-outlets for household and similar purposes*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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
- amended.

PLUGS AND SOCKET-OUTLETS FOR HOUSEHOLD AND SIMILAR PURPOSES –

Part 2-2: Particular requirements for socket-outlets for appliances

1 Scope

This clause of Part 1 is applicable except as follows.

Replacement of the first paragraph:

This part of IEC 60884 applies to socket-outlets for a.c. only, with or without earthing contact, with a rated voltage not exceeding 250 V and a rated current not exceeding 16 A, which are integrated or intended to be incorporated in or fixed to appliances, hereafter referred to as socket-outlets for appliances.

Addition after the fourth paragraph:

Socket-outlets for appliances are provided with means for fixing into appropriate mounting boxes, if intended also for use in fixed installations.

Socket-outlets for appliances are intended to be used in stationary equipment and appliances such as office machines, computers, audio-visual and video equipment, range hoods, ranges, etc.

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If necessary, the use of socket-outlets for appliances is indicated in the standards for the appropriate equipment or appliance.

The temperature around socket-outlets for appliances must not exceed 35 °C.

2 Normative references

This clause of Part 1 is applicable except as follows.

Addition:

IEC 60068-2-75, *Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests*

IEC 61210, *Connecting devices – Flat quick-connect terminations for electrical copper conductors – Safety requirements*

3 Definitions

This clause of Part 1 is applicable except as follows.

3.6 *Replacement:*

socket-outlet for appliances

socket-outlet integral with, or intended to be incorporated in, or fixed to, an electrical appliance

Addition:

3.101

flat quick-connect termination

electrical connection consisting of a male tab and female connector which can be readily inserted and withdrawn without the use of a tool

NOTE Other terms, such as: "snap-on connector", "flat push-on connector" are sometimes used.

3.102

female connector

portion of a flat quick-connect termination which is pushed on to the male tab

3.103

male tab

portion of a flat quick-connect termination which receives the female connector

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4 General requirements

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This clause of Part 1 is applicable.

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5 General notes on tests

This clause of Part 1 is applicable except as follows.

Addition:

5.101 If socket-outlets for appliances are provided with male tabs of flat quick-connect terminations, new female connectors shall be used for each test according to Clauses 19, 20 and 21.

These female connectors shall be made from unplated copper alloy.

6 Ratings

This clause of Part 1 is applicable except as follows.

6.1 *Addition:*

For socket-outlets for appliances, Table 1 applies up to and including a rated current of 16 A and up to and including a rated voltage of 250 V.

7 Classification

This clause of Part 1 is applicable.

8 Marking

This clause of Part 1 is applicable.

9 Checking of dimensions

This clause of Part 1 is applicable.

10 Protection against electric shock

This clause of Part 1 is applicable.

11 Provision for earthing

This clause of Part 1 is applicable.

12 Terminals and terminations

This clause of Part 1 is applicable except as follows.

12.1.1 Addition after the first paragraph.

Socket-outlets for appliances shall be provided with screw-type terminals, screwless terminals or male tabs of flat quick-connect terminations.

Notes a and b of Table 3 are not applicable.

Addition:

12.101 Flat quick-connect terminations

Male tabs and female connectors to be used for test purposes shall comply with IEC 61210.

12.101.1 Constructional requirements

12.101.1.1 Male tabs shall be of nominal sizes:

2,8 mm × 0,8 mm or

4,8 mm × 0,8 mm or

6,3 mm × 0,8 mm,

as detailed in IEC 61210.

Compliance is checked by measuring three specimens, all of which shall comply with the dimensional requirements of IEC 61210.