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INTERNATIONAL STANDARD

Plugs and socket-outlets for household and similar purposes – Part 2-1: Particular requirements for fused plugs

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CONTENTS

FOREWORD 3
1 Scope 5
2 Normative references 5
3 Terms and definitions 5
4 General requirements 6
5 General ~~notes~~ remarks on tests 6
6 Ratings 6
7 Classification 6
8 Marking 6
9 Checking of dimensions 7
10 Protection against electric shock 7
11 Provision for earthing 7
12 Terminals and terminations 7
13 Construction of fixed socket-outlets 7
14 Construction of plugs and portable socket-outlets 7
15 Interlocked socket-outlets 8
16 Resistance to ageing, protection provided by enclosures and resistance to humidity 8
17 Insulation resistance and electric strength 8
18 Operation of earthing contacts 8
19 Temperature rise 8
20 Breaking capacity 9
21 Normal operation 9
22 Force necessary to withdraw the plug 9
23 Flexible cables and ~~cords and~~ their connection 9
24 Mechanical strength 9
25 Resistance to heat 9
26 Screws, current-carrying parts and connections 9
27 Creepage distances, clearances and distances through sealing compound 9
28 Resistance of insulating material to abnormal heat, to fire and to tracking 9
29 Resistance to rusting 9
30 Additional tests on pins provided with insulating sleeves 9
31 EMC requirements 9
32 Electromagnetic fields (EMF) requirements 10
Annexes 11

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Document Sharing Hub
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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PLUGS AND SOCKET-OUTLETS FOR HOUSEHOLD AND SIMILAR PURPOSES –

Part 2-1: Particular requirements for fused plugs

FOREWORD

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This redline version of the official IEC Standard allows the user to identify the changes made to the previous edition IEC 60884-2-1:2006. A vertical bar appears in the margin wherever a change has been made. Additions are in green text, deletions are in strikethrough red text.

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IEC 60884-2-1 has been prepared by subcommittee 23B: Plugs, socket-outlets and switches, of IEC technical committee 23: Electrical accessories. It is an International Standard.

This third edition cancels and replaces the second edition published in 2006. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) alignment to IEC 60884-1, fourth edition.

The text of this International Standard is based on the following documents:

Draft	Report on voting
23B/1545/FDIS	23B/1558/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

This document is to be used in conjunction with IEC 60884-1:2022.

This document supplements or modifies the corresponding clauses in IEC 60884-1:2022, so as to convert that publication into the IEC standard: Particular requirements for fused plugs.

When a particular subclause of IEC 60884-1:2022 is mentioned in this document, that subclause applies as far as reasonable. Where this document states "addition", "modification" or "replacement", the relevant text of IEC 60884-1:2022 is to be adapted accordingly.

In this document the following print types are used:

– requirements proper: in roman type;

– *test specification: in italic type;*

– explanatory notes: in small roman type.

Subclauses, notes, figures and tables which are additional to those in IEC 60884-1:2022 are numbered starting from 101.

A list of all parts in the IEC 60884 series, published 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 document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

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PLUGS AND SOCKET-OUTLETS FOR HOUSEHOLD AND SIMILAR PURPOSES –

Part 2-1: Particular requirements for fused plugs

1 Scope

IEC 60884-1:2022, Clause 1 is applicable except as follows.

Addition:

This part of IEC 60884 applies to fused plugs, where the fuses are primarily intended to protect the flexible cable ~~or cord~~ connected to the plug.

These fuses are not intended to protect appliances or parts of them against overload.

NOTE In the following countries, fused plugs are not used: AU, DK, ZA.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60884-1:2022, Clause 2 is applicable except as follows.

Addition:

IEC 60269-1:~~1998~~2009, *Low-voltage fuses – Part 1: General requirements*

IEC 60269-3:~~1987~~2024, *Low-voltage fuses – Part 3: Supplementary requirements for fuses for ~~use~~ operation by unskilled persons (fuses mainly for household and similar applications) – Examples of standardized systems of fuses A to F*

IEC 60884-1:2022, *Plugs and socket-outlets for household and similar purposes – Part 1: General requirements*

~~*Modification :*~~

~~IEC 60417, *Graphical symbols for use on equipment*~~

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- IEC Electropedia: available at https://www.electropedia.org/
- ISO Online browsing platform: available at https://www.iso.org/obp

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IEC 60884-1:2022, Clause 3 is applicable except as follows.

Addition:

3.101
fused plug
plug incorporating one or more replaceable fuse-link(s)

4 General requirements

IEC 60884-1:2022, Clause 4 is applicable.

5 General ~~notes~~ remarks on tests

IEC 60884-1:2022, Clause 5 is applicable.

6 Ratings

IEC 60884-1:2022, Clause 6 is applicable except as follows.

Addition:

6.101 Fused plugs shall have a minimum current rating higher than or equal to the rating of the fuse intended to be fitted in accordance with the marking.

7 Classification

IEC 60884-1:2022, Clause 7 is applicable.

8 Marking

IEC 60884-1:2022, Clause 8 is applicable except as follows.

8.1 General

Addition:

Fused plugs shall be marked to indicate the presence of a fuse within the plug; this marking may be in the form of a symbol.

Rewirable fused plugs shall be permanently marked to indicate the maximum current rating of the fuse which may be fitted to the plug. This marking may be on the plug or on a permanently attached label.

Non-rewirable fused plugs shall be permanently marked to indicate the rated current of the fuse appropriate to the attached flexible cable ~~or cord~~ and to the associated appliances as declared by the manufacturer.

Compliance is checked by inspection.

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