

INTERNATIONAL STANDARD

This full version of IEC 60884-2-3:2025 includes the content of the references made to IEC 60884-1:2022

**Plugs and socket-outlets for household and similar purposes –
Part 2-3: Particular requirements for switched socket-outlets without interlock
for fixed installations**

get full document from standards.iteh.ai



THIS PUBLICATION IS COPYRIGHT PROTECTED
Copyright © 2025 IEC, Geneva, Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either IEC or IEC's member National Committee in the country of the requester. If you have any questions about IEC copyright or have an enquiry about obtaining additional rights to this publication, please contact the address below or your local IEC member National Committee for further information.

IEC Secretariat
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

About the IEC

The International Electrotechnical Commission (IEC) is the leading global organization that prepares and publishes International Standards for all electrical, electronic and related technologies.

About IEC publications

The technical content of IEC publications is kept under constant review by the IEC. Please make sure that you have the latest edition, a corrigendum or an amendment might have been published.

IEC publications search - webstore.iec.ch/advsearchform

The advanced search enables to find IEC publications by a variety of criteria (reference number, text, technical committee, ...). It also gives information on projects, replaced and withdrawn publications.

IEC Just Published - webstore.iec.ch/justpublished

Stay up to date on all new IEC publications. Just Published details all new publications released. Available online and once a month by email.

IEC Customer Service Centre - webstore.iec.ch/csc

If you wish to give us your feedback on this publication or need further assistance, please contact the Customer Service Centre: sales@iec.ch.

IEC Products & Services Portal - products.iec.ch

Discover our powerful search engine and read freely all the publications previews, graphical symbols and the glossary. With a subscription you will always have access to up to date content tailored to your needs.

Electropedia - www.electropedia.org

The world's leading online dictionary on electrotechnology, containing more than 22 500 terminological entries in English and French, with equivalent terms in 25 additional languages. Also known as the International Electrotechnical Vocabulary (IEV) online.



IEC 60884-2-3

Edition 3.0 2025-02
EXTENDED VERSION

INTERNATIONAL STANDARD

This full version of IEC 60884-2-3:2025 includes the content of the references made to IEC 60884-1:2022

**Plugs and socket-outlets for household and similar purposes –
Part 2-3: Particular requirements for switched socket-outlets without interlock
for fixed installations**

get full document from standards.iteh.ai

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 29.120.30

ISBN 978-2-8327-0264-2

Warning! Make sure that you obtained this publication from an authorized distributor.

CONTENTS

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| FOREWORD..... | 6 |
| 1 Scope..... | 8 |
| 2 Normative references | 9 |
| 3 Terms and definitions | 10 |
| 4 General requirements | 18 |
| 5 General remarks on tests | 18 |
| 6 Ratings..... | 21 |
| 7 Classification | 21 |
| 8 Marking | 24 |
| 9 Checking of dimensions..... | 28 |
| 10 Protection against electric shock | 29 |
| 11 Provision for earthing | 37 |
| 12 Terminals and terminations..... | 39 |
| 13 Construction of fixed socket-outlets | 59 |
| 14 Construction of plugs and portable socket-outlets | 72 |
| 15 Interlocked socket-outlets..... | 72 |
| 16 Resistance to ageing, protection provided by enclosures, and resistance to humidity..... | 72 |
| 17 Insulation resistance and electric strength | 80 |
| 18 Operation of earthing contacts | 82 |
| 19 Temperature rise | 82 |
| 20 Breaking capacity | 90 |
| 21 Normal operation | 95 |
| 22 Force necessary to withdraw the plug | 101 |
| 23 Flexible cables and their connection | 106 |
| 24 Mechanical strength | 106 |
| 25 Resistance to heat..... | 124 |
| 26 Screws, current-carrying parts and connections..... | 127 |
| 27 Creepage distances, clearances and distances through sealing compound..... | 129 |
| 28 Resistance of insulating material to abnormal heat, to fire and to tracking | 132 |
| 29 Resistance to rusting | 137 |
| 30 Additional tests on pins provided with insulating sleeves | 137 |
| 31 EMC requirements | 137 |
| 32 Electromagnetic fields (EMF) requirements..... | 138 |
| Annex A (normative) Safety-related routine tests for factory-wired portable accessories (protection against electric shock and correct polarity) | 139 |
| Annex B (informative) Alternative gripping tests | 140 |
| Annex C (normative) Switches incorporated in portable socket-outlets..... | 141 |
| Annex D (normative) Requirements for plugs and fixed or portable socket-outlets intended to be used with AWG cables | 142 |
| Annex E (informative) Tests to be applied during the production of crimped connections in accessories | 155 |

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Annex F (normative) Additional requirements for accessories provided with insulation-piercing terminals | 157 |
| Annex G (informative) Additional tests and requirements for accessories intended to be used in ambient temperatures below $-5\text{ }^{\circ}\text{C}$ down to and including $-45\text{ }^{\circ}\text{C}$ | 167 |
| Annex H (informative) Additional tests and requirements for accessories intended to be used in ambient temperatures above $+40\text{ }^{\circ}\text{C}$ up to and including $+70\text{ }^{\circ}\text{C}$ | 172 |
| Annex I (normative) Additional requirements and tests for plugs and socket-outlets for high-load (HL) application | 175 |
| Bibliography..... | 176 |
| | |
| Figure 1 – Examples of accessories..... | 11 |
| Figure 2 – Example of thread-forming screw | 14 |
| Figure 3 – Example of thread-cutting screw | 14 |
| Figure 4 – Examples of membranes and grommets | 16 |
| Figure 5 – Test piston dimensions..... | 27 |
| Figure 6 – Arrangement for compression test..... | 31 |
| Figure 7 – Gauge for checking non-accessibility of live parts, through shutters | 34 |
| Figure 8 – Gauge for checking non-accessibility of live parts, through shutters, and of live parts of socket-outlets with increased protection..... | 35 |
| Figure 9 – Pillar terminals | 42 |
| Figure 10 – Screw head terminals and stud terminals | 43 |
| Figure 11 – Saddle terminals | 44 |
| Figure 12 – Mantle terminals..... | 45 |
| Figure 13 – Arrangement for checking damage to conductors..... | 46 |
| Figure 14 – Information for deflection test..... | 57 |
| Figure 15 – Verification of the requirements of 13.4 | 63 |
| Figure 16 – Device for checking the resistance to lateral strain | 67 |
| Figure 18 – Types of test wall | 77 |
| Figure 19 – Test set-up in accordance with 16.2.3 | 78 |
| Figure 20 – Clamping unit for the temperature rise test of Clause 19 | 85 |
| Figure 21 – Example of a trend line calculation | 90 |
| Figure 22 – Example of apparatus for breaking capacity and normal operation test..... | 92 |
| Figure 23 – Circuit diagrams for breaking capacity and normal operation tests | 93 |
| Figure 101 – Example of apparatus for testing the making and breaking capacity and the normal operation of switches in switched socket-outlets..... | 95 |
| Figure 24 – Test procedures for normal operation for socket-outlets with shutters (see Clause 21)..... | 99 |
| Figure 25 – Apparatus for verification of maximum withdrawal force | 103 |
| Figure 26 – Gauge for the verification of minimum withdrawal force | 104 |
| Figure 29 – Sketches showing the application of the blows according to Table 23..... | 109 |
| Figure 30 – Apparatus for impact test at low temperature of 24.5..... | 112 |
| Figure 31 – Apparatus for abrasion test on insulating sleeves of plug pins..... | 113 |
| Figure 32 – Arrangement for mechanical strength test on multiple portable socket-outlets | 115 |
| Figure 33 – Example of test arrangement to verify the retention of pins in the body of the plug | 116 |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Figure 34 – Arrangement for test on covers or cover-plates | 119 |
| Figure 35 – Gauge (thickness about 2 mm) for the verification of the outline of covers or cover-plates..... | 120 |
| Figure 36 – Examples of application of the gauge of Figure 35 on covers fixed without screws on a mounting surface or supporting surface..... | 121 |
| Figure 37 – Examples of application of the gauge of Figure 35 in accordance with the requirements of 24.16 | 122 |
| Figure 38 – Gauge for verification of grooves, holes and reverse tapers | 123 |
| Figure 39 – Sketch showing the direction of application of the gauge of Figure 38 | 123 |
| Figure 40 – Ball pressure test apparatus..... | 125 |
| Figure 41 – Apparatus for compression test for the verification of resistance to heat specification of 25.5 | 126 |
| Figure 42 – Diagrammatic representation of 28.1.2 | 133 |
| Figure 43 – Apparatus for testing resistance to abnormal heat of insulating sleeves of plug pins..... | 136 |
| Figure F.1 – Example of IPTs..... | 165 |
| Figure F.2 – Example of test-points | 165 |
| Figure F.3 – Temperature cycle for voltage drop test 12.4.11..... | 166 |
| Figure H.1 – Schematic drawing of a de-rating curve with an example of a de-rated current I_d at the operating ambient temperature t_d | 173 |
| Table 1 – Survey of specimens needed for tests | 19 |
| Table 2 – Preferred combinations of types and ratings..... | 21 |
| Table 3 – Gauge tolerances..... | 28 |
| Table 4 – Relationship between rated current and connectable nominal cross-sectional areas of copper conductors..... | 39 |
| Table 5 – Values for pull test for screw-type terminals | 47 |
| Table 6 – Composition of conductors | 48 |
| Table 7 – Tightening torques for the verification of the mechanical strength of screw-type terminals | 50 |
| Table 8 – Relationship between rated current and connectable cross-sectional areas of copper conductors for screwless-type terminals | 51 |
| Table 9 – Value for pull test for screwless-type terminals | 53 |
| Table 10 – Values for flexing under mechanical load test for copper conductors | 54 |
| Table 11 – Test current for the verification of electrical and thermal stresses in normal use for screwless-type terminals | 54 |
| Table 12 – Nominal cross-sectional areas of rigid copper conductors for deflection test of screwless-type terminals..... | 57 |
| Table 13 – Deflection test forces for screwless-type terminals | 58 |
| Table 14 – Forces to be applied to covers, cover-plates or actuating members whose fixing is not dependent on screws | 65 |
| Table 15 – External cable dimension limits for surface-type socket-outlets | 69 |
| Table 16 – Nominal cross-sectional areas of copper conductors for the temperature-rise test | 82 |
| Table 17 – Test current for cycling tests on accessories with crimped connection | 89 |

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Table 18 – Relationship between rating of accessories, nominal cross-sectional areas of test conductors and test currents for the tests of temperature rise (Clause 19) and normal operation (Clause 21)..... | 96 |
| Table 101 – Number of operations for normal operation test | 101 |
| Table 19 – Maximum and minimum withdrawal force for plugs and socket-outlets | 105 |
| Table 23 – Height of fall for impact tests | 108 |
| Table 24 – Torque test values for cable glands | 113 |
| Table 25 – Resistance to heat of different types or parts of accessories | 124 |
| Table 26 – Creepage distances, clearances and distances through insulating sealing compound | 130 |
| Table 102 – Creepage distances, clearances and distances through sealing compound | 132 |
| Table F.1 – Relationship between rated currents and connectable cross-sectional areas of copper conductors for IPTs | 160 |
| Table F.2 – Test current for the verification of electrical and thermal stresses in normal use of IPTs | 164 |
| Table G.1 – Energy for impact tests | 170 |

Sample Document

get full document from standards.iteh.ai

INTERNATIONAL ELECTROTECHNICAL COMMISSION

PLUGS AND SOCKET-OUTLETS FOR HOUSEHOLD AND SIMILAR PURPOSES –

Part 2-3: Particular requirements for switched socket-outlets without interlock for fixed installations

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of 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, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as “IEC Publication(s)”). 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. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) IEC draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). IEC takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, IEC had not received notice of (a) patent(s), which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at <https://patents.iec.ch>. IEC shall not be held responsible for identifying any or all such patent rights.

This extended version (EXV) of the official IEC Standard provides the user with the full content of the Standard.

IEC 60884-2-3:2025 EXV includes the content of IEC 60884-2-3:2025, and the references made to IEC 60884-1:2022.

The specific content of IEC 60884-2-3:2025 is displayed on a blue background.

IEC 60884-2-3 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/1546/FDIS | 23B/1560/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 switched socket-outlets without interlock for fixed installations.

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 or figures 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.

PLUGS AND SOCKET-OUTLETS FOR HOUSEHOLD AND SIMILAR PURPOSES –

Part 2-3: Particular requirements for switched socket-outlets without interlock for fixed installations

1 Scope

This part of IEC 60884 applies to switched socket-outlets without interlock, for fixed installation, for AC only, with or without earthing contact, with a rated voltage not exceeding 440 V and a rated current not exceeding 32 A, intended for household and similar purposes, either indoors or outdoors.

This document applies to socket-outlets controlled by a manually operated mechanical switch.

Compatible plugs and socket-outlets, when combined, form a plug and socket-outlet system. Standardized systems used around the world are reported in IEC/TR 60083.

The rated current is limited to 16 A maximum for accessories provided with screwless-type terminals.

This document covers only those requirements for mounting boxes which are necessary for the tests on the socket-outlet.

NOTE 1 Requirements for general purpose mounting boxes are given in IEC 60670-1.

This document also applies to:

- plugs which are a part of cord sets;
- plugs and portable socket-outlets which are a part of cord extension sets;
- plugs and socket-outlets which are a component of an appliance, unless otherwise stated in the standard for the relevant appliance; and
- plugs and socket-outlets incorporating pilot lights.

This document does not apply to:

- plugs, socket-outlets and couplers for industrial purposes;
- appliance couplers;
- plugs, fixed and portable socket-outlets for extra low voltage (ELV);

NOTE 2 ELV values are specified in IEC 60364-4-41.

- fixed socket-outlets combined with fuses, automatic switches, etc.

Plugs of this document are intended to be energised by socket-outlets.

NOTE 3 Use in any other manner could result in unsafe conditions within the installation if proper precautions are not taken. When energy producing equipment is connected to the fixed installation via plugs of this document all safety aspects of the products and the installation need to be evaluated by the manufacturer of the energy producing equipment.

Plugs and socket-outlets complying with this document are suitable for use at ambient temperatures not normally exceeding +40 °C, but their average temperature over a period of 24 h does not exceed +35 °C, with a lower limit of the ambient air temperature of –5 °C.

In locations where special conditions prevail, such as in ships, vehicles and the like and in hazardous locations, for example where explosions are liable to occur, additional requirements can be applicable.

This document gives additional requirements for accessories intended to be used with AWG cables, see Annex D (normative).

This document gives additional tests to be applied during the production of crimped connections in accessories, see Annex E (informative).

This document gives additional requirements for accessories provided with insulation-piercing terminals, see Annex F (normative).

This document gives additional specifications for accessories intended to be used in ambient temperatures below -5 °C down to and including -45 °C , see Annex G (informative).

This document gives additional specifications for accessories intended to be used in ambient temperatures above $+40\text{ °C}$ up to and including $+70\text{ °C}$, see Annex H (informative).

This document gives additional requirements for plugs and socket-outlets for high load (HL). These plugs and socket-outlets are typically intended to be used for loads applying long and repetitive cycles up to the rated current of the accessories, see Annex I (normative).

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 60068-2-30, *Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 + 12 h cycle)*

IEC 60068-2-31, *Environmental testing – Part 2-31: Tests – Test Ec: Rough handling shocks, primarily for equipment-type specimens*

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

IEC 60112, *Method for the determination of the proof and the comparative tracking indices of solid insulating materials*

IEC 60227 (all parts), *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V*

IEC 60245 (all parts), *Rubber insulated cables – Rated voltages up to and including 450/750 V*

IEC 60417, *Graphical symbols for use on equipment* (available at <http://www.graphical-symbols.info/equipment>)

IEC 60423:2007, *Conduit systems for cable management – Outside diameters of conduits for electrical installations and threads for conduits and fittings*

IEC 60529:1989, *Degrees of protection provided by enclosures (IP Code)*

IEC 60529:1989/AMD1:1999

IEC 60529:1989/AMD2:2013

IEC 60669 (all parts), *Switches for household and similar fixed-electrical installations*

IEC 60669-2-1:2021, *Switches for household and similar fixed electrical installations – Part 2-1: Particular requirements – Electronic control devices*

IEC 60695-2-10:2021, *Fire hazard testing – Part 2-10: Glowing/hot-wire based test methods – Glow-wire apparatus and common test procedure*

IEC 60695-2-11:2021, *Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end products (GWEPT)*

IEC 60884-2-1, *Plugs and socket-outlets for household and similar purposes – Part 2-1: Particular requirements for fused plugs*

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

IEC 61032:1997, *Protection of persons and equipment by enclosures – Probes for verification*

IEC 61058 (all parts), *Switches for appliances*

IEC 61545, *Connecting devices – Devices for the connection of aluminium conductors in clamping units of any material and copper conductors in aluminium bodied clamping units*

ISO/IEC Guide 51, *Safety aspects – Guidelines for their inclusion in standards*

ISO 1456:2009, *Metallic and other inorganic coatings – Electrodeposited coatings of nickel, nickel plus chromium, copper plus nickel and of copper plus nickel plus chromium*

ISO 2081:2018, *Metallic and other inorganic coatings – Electroplated coatings of zinc with supplementary treatments on iron or steel*

ISO 2093:1986, *Electroplated coatings of tin – Specification and test methods*

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:

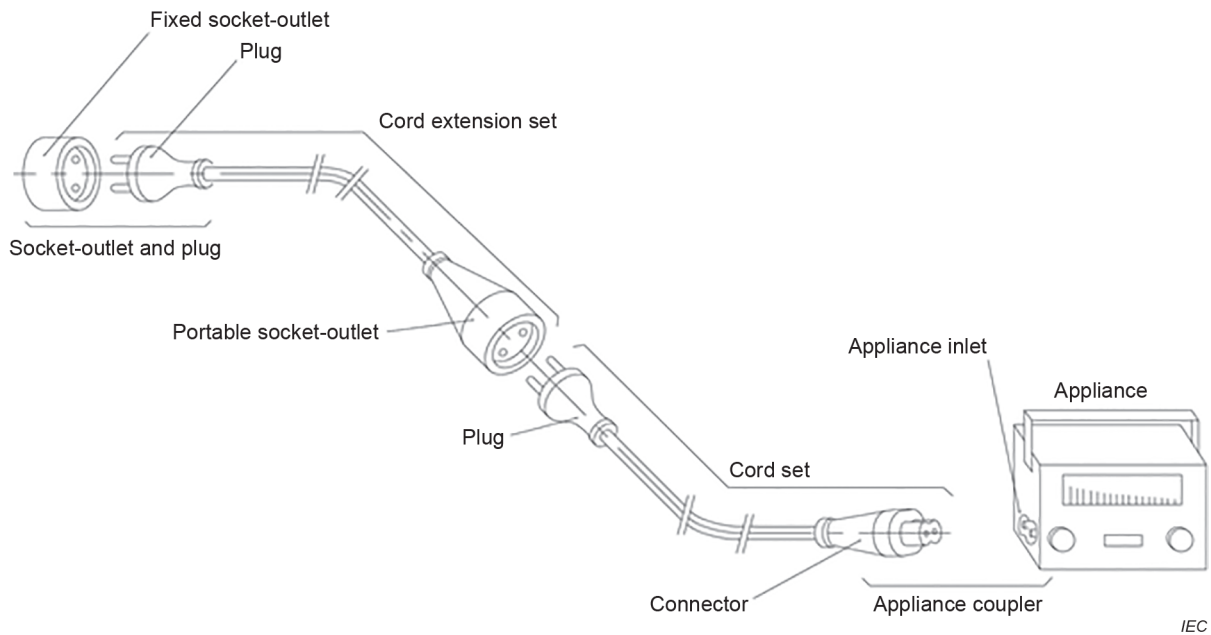
- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

NOTE 1 Where the terms "voltage" and "current" are used, they imply RMS values, unless otherwise specified.

NOTE 2 Throughout this document the word "earthing" is used for "protective earthing" unless otherwise stated.

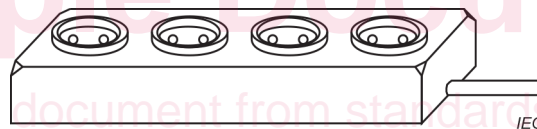
NOTE 3 The term "accessory" is used as a general term covering plugs and socket-outlets; the term "portable accessory" covers plugs and portable socket-outlets. Examples of the use of accessories are shown in Figure 1 a).

NOTE 4 Throughout this document the term "socket-outlet" covers both fixed and portable socket-outlets, except where the reference is specific to one type or the other.



a) Diagram showing various accessories and their use

NOTE Appliance, appliance inlet and appliance coupler are used in this figure only for illustration purposes and they are not covered by this document.



b) Example of a multiple socket-outlet

Figure 1 – Examples of accessories

3.1

plug

accessory having pins designed to engage with the contacts of a socket-outlet

Note 1 to entry: A plug allows the manual connection and disconnection of an electrical load to an electrical supply by an ordinary person.

Note 2 to entry: The plug can be connected to a cable or integrated into an accessory.

Note 3 to entry: In adaptors, the plug can be integral or detachable, see IEC 60884-2-5.

Note 4 to entry: For special purposes such as lighting chains (see also IEC 60598-2-20), two or three single-core cables can be connected within the plug.

3.2

socket-outlet

accessory having socket-contacts designed to engage with the pins of a plug

Note 1 to entry: The socket-outlet can be connected to a cable or integrated into an accessory.

Note 2 to entry: In adaptors, the socket-outlet can be integral or detachable, see IEC 60884-2-5.

3.3

fixed socket-outlet

socket-outlet intended to be installed at a fixed location and be connected to fixed wiring

3.4**portable socket-outlet**

socket-outlet intended to be connected to or integral with one flexible cable and which can easily be moved from one place to another while connected to the supply

3.5**multiple socket-outlets**

combination of two or more socket-outlets

Note 1 to entry: An example is shown in Figure 1 b).

3.6**rewirable plug**

plug so constructed that the flexible cable can be replaced

3.7**non-rewirable plug**

assembly of the plug and the flexible cable so constructed that the flexible cable cannot be replaced

3.8**rewirable portable socket-outlet**

socket-outlet so constructed that the flexible cable can be replaced

3.9**non-rewirable portable socket-outlet**

assembly of the socket-outlet and the flexible cable so constructed that the flexible cable cannot be replaced

3.10**moulded-on accessory**

non-rewirable portable accessory the manufacture of which is completed by insulating material moulded around pre-assembled component parts and the terminations for the flexible cable

[SOURCE: IEC 60050-442:1998, 442-01-14, modified – "portable" has been added to the definition and "or cord" has been omitted.]

3.11**mounting box**

box intended for mounting in or on a wall, floor or ceiling, etc., for flush or surface application, intended for use with fixed socket-outlet(s)

3.12**cord set**

assembly consisting of a flexible cable or cord fitted with a non-rewirable plug and a non-rewirable connector, intended for the connection of an electrical appliance to the electrical supply

[SOURCE: IEC 60050-442:1998, 442-07-04, and IEC 60050-442:2008, 461-06-16]

3.13**cord extension set**

assembly consisting of one flexible cable fitted with one plug and one single or multiple portable socket-outlets

3.14**terminal**

insulated or non-insulated connecting device intended for reusable electrical connection of the external conductors

3.15**termination**

insulated or non-insulated connecting device intended for non-reusable electrical connection of the external conductors

3.16**clamping unit**

part(s) of the terminal necessary for the mechanical clamping and the electrical connection of the conductor(s), including the parts which are necessary to ensure correct contact pressure

[SOURCE: IEC 60050-442:1998, 442-06-12]

3.17**screw-type terminal**

terminal for the connection and subsequent disconnection of one conductor or the interconnection and subsequent disconnection of two or more conductors, the connection being made, directly or indirectly, by means of screws or nuts of any kind

Note 1 to entry: Term entries 3.18 to 3.23 are examples of screw-type terminals.

3.18**pillar terminal**

screw-type terminal in which the conductor is inserted into a hole or cavity, where it is clamped under the end of the screw or screws

Note 1 to entry: The clamping pressure may be applied directly by the end of the screw or through an intermediate clamping member to which pressure is applied by the end of the screw.

Note 2 to entry: Examples of pillar terminals are shown in Figure 9.

3.19**stirrup terminal**

pillar terminal where the clamping pressure may be applied indirectly by an intermediate clamping member when the screw is tightened

Note 1 to entry: Examples of stirrup terminals are shown in Figure 9.

3.20**screw head terminal**

screw-type terminal in which the conductor is clamped under the head of the screw

Note 1 to entry: The clamping pressure may be applied directly to the head of a screw or through an intermediate part, such as a washer, clamping plate or anti-spread device.

Note 2 to entry: Examples of screw head terminals are shown in Figure 10.

3.21**stud terminal**

screw-type terminal in which the conductor is clamped under a nut

Note 1 to entry: The clamping pressure may be applied directly by a suitably shaped nut or through an intermediate part, such as a washer, clamping plate or anti-spread device.

Note 2 to entry: Examples of stud terminals are shown in Figure 10.