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13 A plugs, socket-outlets, adaptors and connection units

Part 5: Specification for fused conversion plugs

bsi.

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Foreword

Publishing information

This part of BS 1363 is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 August 2016. It was prepared by Technical Committee PEL/23, *Electrical accessories*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

This part of BS 1363 supersedes BS 1363-5:2008, which remains current and will be withdrawn on 31 August 2019.

Information about this document

BS 1363 comprises five parts covering the following:

- *Part 1: Specification for rewirable and non-rewirable 13 A fused plugs;*
- *Part 2: Specification for 13 A switched and unswitched socket-outlets;*
- *Part 3: Specification for adaptors;*
- *Part 4: Specification for 13 A fused connection units switched and unswitched;*
- *Part 5: Specification for fused conversion plugs.*

NOTE In order to prevent confusion with BS 1363:1984, the figure and clause numbers have been retained.

This new edition of BS 1363-5 incorporates technical changes only. It does not represent a full review or revision of the standard, which will be undertaken in due course.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is "shall".

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Requirements in this standard are drafted in accordance with *Rules for the structure and drafting of UK standards*, subclause **J.1.1**, which states, 'Requirements should be expressed using wording such as: 'When tested as described in Annex A, the product shall ...''. This means that only those products that are capable of passing the specified test will be deemed to conform to this standard.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Conformity with a British Standard cannot confer immunity from legal obligations.

Particular attention is drawn to the following specific regulations:

The Plugs and Sockets etc. (Safety) Regulations 1994. SI No. 1768.

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1 Scope

This part of BS 1363 specifies requirements, with particular reference to safety in normal use, for 13 A, fused, conversion plugs for household, commercial and light industrial purposes.

The scope of the standard covers two-pole plus earth conversion plugs that are either reusable or non-reusable and that are suitable for the connection of non-BS 1363 type plugs, conforming to a recognized standard, to socket-outlets conforming to BS 1363-2:2016.

The scope of this standard is limited to devices with the following characteristics:

- that have insulating sleeves on line and neutral pins;
- that have one plug portion and one set of contacts intended to connect to a non-BS 1363 type plug that conforms to the dimensional requirements of a standard listed in IEC TR 60083 and not exceeding 13 A;
- that are suitable for the connection of electrical equipment in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz;
- that may have the un-terminated metal earth pin replaced with a similarly dimensioned insulated shutter opening device (ISOD) designed to operate the shutter mechanism of a socket-outlet conforming to BS 1363-2:2016.

Two categories of conversion plugs are specified, covering normal and rough use.

Conversion plugs specified in this standard are intended for the connection of loads to socket-outlets; they are not intended for the connection of electrical power generators to socket-outlets.

Conversion plugs incorporating switches, transformers, thermostats, or other control means are outside the scope of this part of BS 1363.

This standard also does not cover:

- non-BS 1363 type conversion plugs, i.e. with a contact set to fit 13 A plugs, and a male plug portion suitable for a non-BS 1363 type socket-outlet;
- adaptors (see BS 1363-3:2016); or
- travel adaptors (see BS 8546:2016).

2 Normative references

The following referenced documents are indispensable for the application 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.

Standards publications

BS 219:1977, *Specification for soft solders*

BS 1362:1973, *Specification for general purpose fuse links for domestic and similar purposes (primarily for use in plugs)*

BS 1363-2:2016, *13 A plugs, socket-outlets, adaptors and connection units – Part 2: Specification for 13 A switched and unswitched socket-outlets*

BS 2572:1990, *Specification for phenolic laminated sheet and epoxy cotton fabric laminated sheet*

BS 2870:1980, *Rolled copper and copper alloys – sheet, strip and foil*