BS 1363-5:2023

BSI Standards Publication

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

Part 5: Fused conversion plugs – Specification

bsi.

Contents

Summary of pages
This document comprises a front cover, an inside front cover, pages I to VI, pages 1 to 75, an inside back cover and a back cover.

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 May 2023. It was prepared by Technical Committee PEL/23, *Electrical accessories*. A list of organizations represented on this committee can be obtained on request to the committee manager.

Supersession

This part of BS 1363 supersedes BS 1363-5:2016 which remains current and will be withdrawn on 30 June 2026.

Relationship with other publications

BS 1363 is published in the following parts:

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

Information about this document

This is a full revision of the document, and introduces the following principal changes:

- the Scope now covers operating frequencies from 50 Hz to 60 Hz;
- current carrying parts made of brass are required to have a minimum content of 58% copper;
- a new requirement has been added for creepage and clearance between fuse and fuse clips and engagement face with fuse carrier or cover removed.

The numbering of figures within this standard remains as in the previous version; however, future revisions will implement consecutive numbering throughout.

Annex G gives details of the annex renumbering from the 2016 editions of BS 1363, Part 1 to Part 5 to the 2023 editions.

This publication can be withdrawn, revised, partially superseded or superseded. Information regarding the status of this publication can be found in the Standards Catalogue on the BSI website at bsigroup.com/standards, or by contacting the Customer Services team.

Where websites and webpages have been cited, they are provided for ease of reference and are correct at the time of publication. The location of a webpage or website, or its contents, cannot be guaranteed.

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 the *Rules for the structure and drafting of UK standards:2022*, subclause **G.1.1**, which states, "Requirements should be expressed using wording such as: 'When tested as described in Annex F, 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.

Where words have alternative spellings, the preferred spelling of the Shorter Oxford English Dictionary is used (e.g. "organization" rather than "organisation").

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In particular, attention is drawn to the following specific regulations:

- The Plugs and Sockets etc. (Safety) Regulations 1994. SI No. 1768 [1].

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.

Requirements are specified for 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 1363-2:2023.

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

a) have insulating sleeves on line and neutral pins;

b) 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;

c) are suitable for the connection of electrical equipment in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. and frequencies from 50 Hz to 60 Hz and not exceeding 13 A; and

d) 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 1363-2:2023.

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

Conversion plugs specified in this part of BS 1363 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 part of BS 1363 also does not cover:

1) non-BS 1363 type conversion plugs, i.e. those with a contact set to fit 13 A plugs, and a male plug portion suitable for a non-BS 1363 type socket-outlet;

2) adaptors (see BS 1363-3); or

3) travel adaptors (see BS 8546).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes provisions, or limits the application, of this document[1)]. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS 1362, *General purpose fuse links for domestic and similar purposes (primarily for use in plugs) – Specification*

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

BS 2870:1980, *Specification for rolled copper and copper alloys: sheet, strip and foil*

BS 4662:2006+A1:2009, *Boxes for flush mounting of electrical accessories – Requirements and test methods and dimensions*

BS 4800F:2011, *Colour matching fan*

BS EN 60695-10-2, *Fire hazard testing – Part 10-2: Abnormal heat – Ball pressure test method*

1) Documents that are referred to solely in an informative manner are listed in the Bibliography.

