



BSI Standards Publication

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

Part 1: Rewirable and non-rewirable 13 A fused plugs –  
Specification

# Contents

	Page
<b>Foreword</b>	<b>IV</b>
1 Scope	1
2 Normative references	1
3 Terms and definitions	3
4 Conditions of use	6
5 General	7
6 General conditions for type testing	7
<i>Table 1 — Schedule of tests</i>	8
<i>Figure 5 — Gauge for plug pins</i>	9
7 Classification and rating	10
7.1 Classification	10
7.2 Rating	10
<i>Table 2 — Rated current and maximum fuse rating in normal use, and load for flexing and cable grip tests related to size of flexible cable</i>	10
8 Marking and labelling	11
9 Clearances, creepage distances and solid insulation	12
9.1 Clearances	12
<i>Table 3 — Minimum clearances for basic insulation</i>	13
9.2 Creepage distances	14
<i>Table 4 — Minimum creepage distances (mm) for basic insulation</i>	15
9.3 Solid insulation	15
<i>Table 5 — Withstand voltages for insulation types</i>	15
9.4 Requirements for printed wiring boards and equivalent construction	15
10 Accessibility of live parts	16
<i>Figure 2a) — Apparatus for mechanical strength test on resilient covers</i>	17
<i>Figure 2b) — Hardwood block for Figure 2a)</i>	18
11 Provision for earthing	18
<i>Table 6 — Torque values for screws and nuts</i>	19
12 Terminals and terminations	19
13 Construction of plugs	22
<i>Figure 4a) — Dimensions and disposition of pins</i>	23
<i>Figure 4b) — ISOD dimensions</i>	25
<i>Figure 6 — Apparatus for testing plug cover fixing screws</i>	28
<i>Figure 1 — Test pin</i>	29
<i>Figure 32a) — Apparatus for tests on plug pins: A plug pin under test</i>	30
<i>Figure 32b) — Apparatus for tests on plug pins: Details of anvils</i>	31
<i>Figure 33 — Apparatus for torsion test on pins</i>	33
<i>Figure 7 — Mounting plate</i>	34
<i>Figure 8 — Plug pin deflection test apparatus for resilient plugs</i>	35
<i>Figure 9 — Apparatus for abrasion test on insulating sleeves of plug pins</i>	37
<i>Figure 10 — Apparatus for pressure test at high temperature</i>	38
<i>Table 7 — Actuator test force</i>	39
14 (Not used)	40
15 Resistance to ageing and to humidity	40
15.1 Resistance to ageing	40
15.2 Resistance to humidity	40
16 Insulation resistance and electric strength	41
17 Temperature rise	42

	<i>Figure 17a) — Test apparatus for temperature rise test</i>	43
	<i>Figure 17b) — Dummy front plate for temperature rise</i>	45
	<i>Table 8 — Permitted temperature rises</i>	47
18	Breaking capacity of switches incorporated in fused plugs	47
19	Normal operation of switches	47
20	Connection of flexible cables and cable anchorage	47
	<i>Figure 18 — Apparatus for flexing test</i>	48
	<i>Table 9 — Connection of flexible cables</i>	51
21	Mechanical strength	51
	<i>Figure 19 — Solid link for test on fuse clips</i>	51
	<i>Figure 20 — Tumbling barrel</i>	52
22	Screws, current-carrying parts and connections	53
23	Resistance to heat	54
	<i>Figure 23 — Apparatus for pressure test</i>	55
24	Resistance to abnormal heat and fire	56
24.1	General	56
24.2	Glow-wire test	56
	<i>Table 10 — Application of glow-wire test</i>	57
25	Resistance to excessive residual stresses and to rusting	57
26	Electrical and thermal stress of clamp type (screwless) terminals	58
27	Overload tests	58
28	Cyclic loading test	59
28.1	Requirement	59
28.2	Testing	59
<b>Annex A</b>	<b>(normative) Requirements for incorporation of electronic components</b>	<b>60</b>
<b>Annex B</b>	<b>(informative) Recommendations for products that incorporate BS 1363-1 plug pins</b>	<b>62</b>
	<i>Table B.1 — List of clauses</i>	62
<b>Annex C</b>	<b>(normative) Pollution degree</b>	<b>63</b>
<b>Annex D</b>	<b>(normative) Relation between rated impulse withstand voltage, rated voltage and Overvoltage Category</b>	<b>64</b>
	<i>Table D.1 — Rated impulse withstand voltage for plugs energized directly from the low voltage mains</i>	64
<b>Annex E</b>	<b>(normative) Impulse voltage test</b>	<b>64</b>
	<i>Table E.1 — Test voltages for verifying clearances at sea level</i>	65
<b>Annex F</b>	<b>(normative) Measurement of clearance and creepage distances</b>	<b>65</b>
	<i>Table F.1 — Minimum values of width X</i>	65
	<i>Figure F.1 — Example 1</i>	66
	<i>Figure F.2 — Example 2</i>	66
	<i>Figure F.3 — Example 3</i>	66
	<i>Figure F.4 — Example 4</i>	67
	<i>Figure F.5 — Example 5</i>	67
	<i>Figure F.6 — Example 6</i>	67
	<i>Figure F.7 — Example 7</i>	68
	<i>Figure F.8 — Example 8</i>	68
	<i>Figure F.9 — Example 9</i>	68
	<i>Figure F.10 — Example 10</i>	69
	<i>Figure F.11 — Example 11</i>	69

<b>Annex G</b>	(informative) <b>Dimensions for plug profiles</b>	<b>69</b>
	<i>Figure G.1 — Normal plug profile</i>	70
	<i>Figure G.2 — Compact plug profile</i>	70
<b>Annex H</b>	(normative) <b>The construction and calibration of a calibrated link</b>	<b>71</b>
	<i>Figure 28 — Calibrated link</i>	71
	<i>Figure 29 — Calibration jig for calibrated link</i>	74
<b>Annex I</b>	(normative) <b>Determination of the Comparative Tracking Index and Proof Tracking Index</b>	<b>75</b>
<b>Annex J</b>	(informative) <b>Annex identification migration from 2016 edition to 2023 edition</b>	<b>75</b>
	<i>Table J.1 — BS 1363 annex identification migration from 2016 to 2023</i>	77
	<b>Bibliography</b>	<b>78</b>

### Summary of pages

This document comprises a front cover, an inside front cover, pages I to VI, pages 1 to 78, 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 30 June 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 1363-1:2016+A1:2018 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;
- the overload test has been revised for rewirable and non-rewirable plugs.

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

[Annex J](#) 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](https://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 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.

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

### **Contractual and legal considerations**

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### **Compliance with a British Standard cannot confer immunity from legal obligations.**

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 for 13 A fused plugs having insulating sleeves on line and neutral pins, for household, commercial and light industrial purposes, with particular reference to safety in normal use. The plugs are suitable for the connection of portable appliances, sound-vision equipment, luminaires, etc. in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. and frequencies from 50 Hz to 60 Hz. Additional requirements are included for plugs suitable for electric vehicle charging.

Requirements are specified for plugs incorporating a fuse link conforming to BS 1362:1973+A3:2021. The plugs might be rewirable or non-rewirable complete with flexible cable. Categories of plugs are specified covering normal and rough use. Rewirable plugs are intended for use with flexible cables conforming to the relevant parts of [BS EN 50525](#) (see [Clause 2](#)), having conductor cross-sectional areas from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> inclusive. See [20.1](#).

Non-rewirable plugs are intended for use with flexible cables having conductor cross-sectional areas not exceeding 1.5 mm<sup>2</sup>. See [20.4](#).

This standard also applies to non-rewirable 13 A plugs which have the earth pin replaced with a similarly dimensioned protrusion made of insulating material designated as an insulated shutter opening device (ISOD) designed to operate the shutter mechanism of socket-outlet conforming to BS 1363-2:2023.

A plug is mechanical by nature of construction. The product is therefore immune from electromagnetic interference.

Plugs incorporating switches and indicator lamps are included within the scope of this part of BS 1363.

Plugs incorporating electronic components detailed in [Annex A](#) are included within the scope of this part of BS 1363.

Recommendations for plug in equipment incorporating BS 1363-1 plug pins are given in [Annex B](#).

## 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, within its application, of this document<sup>1)</sup>. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

[BS 1362:1973+A3:2021](#), *General purpose fuse links for domestic and similar purposes (primarily for use in plugs) – Specification*

[BS 1363-2:2023](#), *13 A plugs, socket-outlets, adaptors and connection units – Part 2: 13 A switched and unswitched socket-outlets – Specification*

[BS 2772](#), *Specification for phenolic laminated sheet and epoxy cotton fabric laminated sheet*

[BS 2870:1980](#), *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 4800:2011-SET](#), *Schedule of paint colours for building purposes*

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