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BS 8546:2016+A1:2018



BSI Standards Publication

Travel adaptors compatible with UK plug and socket system – Specification

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Summary of pages

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Foreword

Publishing information

This British Standard is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 30 April 2016. It was prepared by Panel PEL/23/-/13, *Travel adaptors*, under the authority of Technical Committee PEL/23, *Electrical accessories*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

BS 8546:2016+A1:2018 supersedes BS 8546:2016.

BS 8546:2016 remains current and will be withdrawn on 31 October 2021.

Information about this document

Text introduced or altered by Amendment No. 1 is indicated in the text by the tags A1 A1. Minor editorial changes are not tagged.

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.

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.

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1 Scope

This British Standard specifies requirements for the construction, rating, marking, dimensions and testing of travel adaptors intended for the temporary connection of electrical equipment. It applies to travel adaptors having at least one plug or socket-outlet portion compatible with BS 1363 plugs and socket-outlets, which are suitable for the connection of a non-BS 1363 plug, or to a non-BS 1363 socket-outlet.

Travel adaptors incorporating USB circuits for charging devices are also covered by this standard.

This British Standard applies to travel adaptors intended for use in household, commercial and light industrial premises where:

- the nominal supply voltage does not exceed 250 V a.c. single-phase, 50 Hz to 60 Hz; or
- the rated current of the travel adaptor does not exceed 13 A and is not less than 5 A.

Travel adaptors within the scope of this British Standard do not convert voltage.

This British Standard excludes adaptors conforming to BS 1363-3 and conversion plugs conforming to BS 1363-5.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

BS 1363-1:1995+A4:2012, *13 A plugs, socket-outlets, adaptors and connection units – Part 1: Specification for rewirable and non-rewirable 13 A fused plugs*¹

BS 1363-2:1995+A4:2012, *13 A plugs, socket-outlets, adaptors and connection units – Part 2: Specification for 13 A switched and unswitched socket-outlets*¹

BS 1363-3, *13 A plugs, socket-outlets, adaptors and connection units — Part 3: Specification for adaptors*

BS 1363-4, *13 A plugs, socket-outlets, adaptors and connection units — Part 4: Specification for 13 A fused connection units switched and unswitched*

BS 1363-5, *13 A plugs, socket-outlets, adaptors and connection units — Part 5: Specification for fused conversion plugs*

BS 1858, *Electric cables — Accessories — Bitumen-based filling compounds*

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

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

BS 4800, *Schedule of paint colours for building purposes*

BS 5733, *General requirements for electrical accessories — Specification*²

BS 6004:2012, *Electric cables — PVC insulated and PVC sheathed cables for voltages up to and including 300/500 V, for electric power and lighting*

¹ A new edition of BS 1363 (all parts) is due to be published in 2016.

² Informative reference is made to BS 5733:2010+A1:2014.