

Australian/New Zealand Standard™

**Approval and test specification—
Electrical portable outlet devices**

AS/NZS 3105:2002

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-004, Electrical Accessories. It was approved on behalf of the Council of Standards Australia on 24 September 2002 and on behalf of the Council of Standards New Zealand on 17 September 2002.
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The following are represented on Committee EL-004:

Australasian Railway Association
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Canterbury Manufacturers Association, New Zealand
Consumer Electronic Suppliers Association
Electricity Supply Association of Australia
Energy Safety Service, New Zealand
International Accreditation New Zealand
National Electrical and Communications Association
Plastics and Chemicals Industries Association
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AS/NZS 3105:2002
(Incorporating Amendment Nos. 1 and 2)

Australian/New Zealand Standard™

Approval and test specification— Electrical portable outlet devices

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories to supersede AS/NZS 3105:1998, *Approval and test specification—Electrical portable outlet devices* from the date of publication.

This Standard incorporates Amendment No. 1 (January 2003) and Amendment No. 2 (February 2005). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide the Australian and New Zealand electrical industry including manufacturers, test laboratories and regulators with requirements and test methods for electrical portable outlet devices.

This Standard is one of a series of approval and test specifications to be read in conjunction with AS/NZS 3100, *Approval and test specification—General requirements for electrical equipment*. The purpose of this series is to outline conditions which must be met to secure approval for the sale and use of electrical equipment in Australia and New Zealand. Only safety matters and related conditions are covered.

This Standard was revised to incorporate Amendments No. 1 and 2 to AS/NZS 3105:1998 and to introduce editorial changes and the following technical changes:

- (a) Definitions included for a Junction and for outlet facilities.
- (b) Introduction of requirements and tests for electrical portable outlet devices with outlet facilities supplied through a Junction.
- (c) Instruction introduced to cover electrical portable outlet devices provided with a Junction.

This Standard does not purport to include all the necessary conditions of a contract.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard**Approval and test specification—Electrical portable outlet devices****1 SCOPE AND REFERENCED DOCUMENTS****1.1 Scope**

This Standard applies to electrical portable outlet devices primarily intended for household and similar use at low voltage and having outlet facilities in the form of socket-outlets or cord extension sockets or connectors. They are connected to the supply by either a power supply cord and a plug or an appliance inlet.

This Standard does not apply to the following:

- (a) Cord extension sets, within the scope of AS/NZS 3199
- (b) Portable residual current devices, within the scope of AS/NZS 3190.
- (c) Socket-outlet adaptors, within the scope of AS/NZS 3122.
- (d) Electric inspection handlamps, within the scope of AS/NZS 3118 or AS/NZS 60598.2.8.
- (e) Portable control or conditioning devices, within the scope of AS/NZS 3197.
- (f) Separate devices for the storage of flexible cords or cord extension sets, for example a cable tidy.

1.2 Referenced documents

The following documents are referred to in this Standard:

STANDARDS

AS/NZS

3350	Safety of household and similar electrical appliances
3350.1	Part 1: General requirements
60598	Luminaires
60598.2.8	Part 2.8: Particular requirements—Handlamps

APPROVAL AND TEST SPECIFICATIONS

AS

3111	Miniature overcurrent circuit-breakers
3117 (NZS/AS 3117)	Bayonet lampholders
3121 (NZS/AS 3121)	Insulating mouldings
3133 (NZS/AS 3133)	Air break switches
3140 (NZS/AS 3140)	Edison-type screw lampholders
3168	Fluorescent lamp ballasts