

AS/NZS 3109.1:1996
IEC 320-1:1994
IEC 320-1:1994 Amdt 1:1995
(Incorporating Amendment No. 1)

AS/NZS 3109.1

Australian/New Zealand Standard™

Approval and test specification— Appliance couplers for household and similar general purposes

Part 1: General requirements

[IEC title: Appliance couplers for household and similar general purposes,
Part 1: General requirements]



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AS/NZS 3109.1:1996

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The following interests are represented on Committee EL/4:

Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Consumer Electronic Suppliers Association, Australia
Electricity Supply Association of Australia
Ministry of Commerce, New Zealand
National Electrical Contractors Association, Australia
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Australian/New Zealand Standard™

**Approval and test specification—
Appliance couplers for household
and similar general purposes**

Part 1: General requirements

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/4, Electrical Accessories, to supersede, in Australia, AS 3109.1—1987 and, in New Zealand, NZS 1801:1963, *Specification for domestic appliance connectors and appliance inlet sockets*, by the year 2000

This Standard incorporates Amendment No. 1 (July 2000). The changes arising from the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure, or part thereof affected.

A1

This Standard is technically equivalent to, and has been reproduced from, IEC 60320-1:1994, *Appliance couplers for household and similar general purposes*, Part 1: *General requirements*, and includes Amendment 1:1995 and Amendment 2:1996. The IEC Amendments added immediately after the IEC text. The Clauses changed by IEC Amendment 1 are indicated by a single marginal bar set adjacent to the amended text or figure.

A number of variations and additional requirements have been made in this Standard to the requirements of IEC 320-1. These variations and additions, which are necessary for Australian/New Zealand requirements, are listed in Appendices ZZ and ZA and are indicated by double marginal bars and triple marginal bars, respectively, set adjacent to the varied text.

A1

In January 1997, the IEC commenced numbering its Standards from 60000 by adding 60000 to the number of each existing Standard. This coordinates IEC numbering with ISO numbering. During the transition period an IEC Standard might be identified by its new number or its old number (for example, IEC 60050 or IEC 50).

As this Standard is reproduced from an international Standard, the following applies:

- Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- In the source text 'this International Standard' should read 'this Australian/New Zealand Standard'.
- A full point substitutes for a comma when referring to a decimal marker.
- Throughout this Standard the word 'elastomer' should replace the word 'rubber'. The term 'polyvinyl chloride or similar material' is intended to include all 'resilient type materials'. In Clauses 15.2, 22.1, 22.3 and 22.4, replace IEC 'Type of cord' with the following:

227 IEC 41—PVC insulated tinsel parallel 2-core unsheathed

227 IEC 52—Light duty PVC insulated sheathed

227 IEC 53—Ordinary duty PVC insulated sheathed

245 IEC 51—Elastomer insulated braided

245 IEC 53—Ordinary duty elastomer insulated sheathed

- The reference to International Standards should be replaced by references, where appropriate, to the following Australian or Joint Australian/New Zealand Standards:

Reference to International Standard

Australian/New Zealand Standard

IEC

AS/NZS

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50 (151) International Electrotechnical Vocabulary. Electrical and magnetic devices

A1

1852 International Electrotechnical Vocabulary
1852.151 Part 151: Electric and magnetic devices

83 Plugs and socket-outlets for domestic and similar general use—Standards Amendment 1 (1979)

3112 Approval and test specification—Plugs and socket-outlets

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3120 Approval and test specification—Cord extension sockets

112 Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions

4695 Fire hazard testing of electrotechnical products
4695.112 Part 112: Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions

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245	Rubber insulated cables of rated voltages up to and including 450/750 V	3191	Approval and test specification—Electric flexible cords
536	Classification of electrical and electronic equipment with regard to protection against electric shock	—	
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