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AS/NZS 60320.1:2012

Australian/New Zealand Standard™

Appliance couplers for household and similar general purposes

Part 1: General requirements (IEC 60320-1, Ed. 2.1 (2007) MOD)

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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
Consumers Federation of Australia
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Part 1: General requirements (IEC 60320-1, Ed. 2.1 (2007) MOD)

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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 60320.1:2004, *Appliance couplers for household and similar general purposes—General requirements (IEC 60320-1, Ed. 2.0 (2001) MOD)* three months from publication. Until that date, both editions of the Standard will run in parallel.

The objective of this Standard is to provide the Australian and New Zealand electrical industries, including manufacturers and regulatory bodies, with general safety requirements for appliance couplers for household and similar general purposes, and which may be used as the basis for approval for sale or for connection to supply in Australia and New Zealand.

This Standard is an adoption with national modifications and has been reproduced from IEC 60320-1, Ed.2.1 (2007), *Appliance couplers for household and similar general purposes—Part 1: General requirements* and has been modified to take account of Australian/New Zealand conditions. The variations are specified in Appendix ZZ and are to be used for the IEC CB scheme.

IEC 60320-1, Ed.2.1 (2007) is a consolidated version of IEC 60320-1, consisting of the second edition (2001) and its Amendment 1 (2007). A vertical line in the margin shows where the base publication has been modified by Amendment 1.

The objectives of this revision are—

(a) to adopt the latest edition of IEC 60320-1;

(b) to delete Group 3 appliance couplers;

(c) to revise the additional requirements for Group 2 appliance couplers in Appendix ZA; and

(d) to delete two/three pin flat pin appliance inlets that fit a cord extension socket complying with AS/NZS 3120.

The essential safety requirements in AS/NZS 3820 that could be applicable to appliance couplers are covered by this Standard, taken in conjunction with any other relevant requirements affecting safety.

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

(i) Its number appears on the cover and title page while the International Standard number appears only on the cover.

(ii) In the source text ‘this part of IEC 60320’ should read ‘this Australian/New Zealand Standard’.

(iii) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
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60050	International Electrotechnical Vocabulary (IEV)	1852	International Electrotechnology Vocabulary (IEV)
60050-151	Part 151: Electrical and magnetic devices	1852.151	Part 151: Electric and magnetic devices
60068	Environmental testing	60068	Environment testing
60068-2-32	Part 2-32: Tests—Test Ed: Free fall	60068.2.32	Part 2.32: Tests—Test Ed: Free fall

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IEC		AS/NZS	
60112	Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions	60112	Method for the determination of the proof and the comparative tracking indices of solid insulating materials
60695	Fire hazard testing	60695	Fire hazard testing
60695-2-10	Part 2-10: Glowing/hot-wire based test methods—Glow-wire apparatus and common test procedure	60695.2.10	Part 2.10: Glowing/hot wire based test methods—Glow-wire apparatus and common test procedure
60695-2-11	Part 2-11: Glowing/hot-wire based test methods—Glow-wire flammability test method for end products	60695.2.11	Part 2.11: Glowing/hot wire based test methods—Glow-wire flammability test method for end-products
60695-2-12	Part 2-12: Glowing/hot-wire based test methods—Glow-wire flammability test method for materials	60695.2.12	Part 2.12: Glowing/hot wire based test methods—Glow-wire flammability test method for materials
60695-2-13	Part 2-13: Glowing/hot-wire based test methods—Glow wire ignitability test method for materials	60695.2.13	Part 2.13: Glowing/hot wire based test methods—Glow-wire ignitability test methods for materials
		AS	
2093	Electroplated coatings of tin—Specification and test methods	4169	Electroplated coatings—Tin and tin alloys

Any international references not listed have not been adopted as Australian/New Zealand Standards.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex or appendix to which they apply. A normative annex or appendix is an integral part of a Standard, whereas an informative annex or appendix is only for information and guidance.

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