

Australian/New Zealand Standard™

**Approval and test specification—Cord  
extension sets**



## **AS/NZS 3199:2007**

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 12 January 2007 and on behalf of the Council of Standards New Zealand on 9 February 2007.  
This Standard was published on 23 February 2007.

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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  
Australian Information Industry Association  
Canterbury Manufacturers Association New Zealand  
Consumer Electronics Suppliers Association  
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*This Standard was issued in draft form for comment as DR 06496.*

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# Australian/New Zealand Standard™

## **Approval and test specification—Cord extension sets**

Originated as AS 3199—1982.  
Jointly revised and designated AS/NZS 3199:2000.  
Third edition 2007.

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Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 8052 0

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories, to supersede AS/NZS 3199:2000 on publication.

This Standard specifies requirements for low voltage cord extension sets consisting of a flexible cord, a three-pin plug and a single cord extension socket, and intended for detachable connection to fixed wiring.

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

The essential safety requirements of AS/NZS 3820 that could be applicable to cord extension sets are covered by this Standard taken in conjunction with any other relevant requirements affecting safety.

This Standard was revised to incorporate the following changes:

- (a) Additional requirements on cord extension sets with separate reeling or coiling arrangements.
- (b) Minor editorial changes.

This Standard does not provide all the necessary conditions for a contract.

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

**Australian/New Zealand Standard****Approval and test specification—Cord extension sets****1 SCOPE**

This Standard sets out safety requirements for cord extension sets intended for use at low voltage, including cord extension sets with separable reeling or coiling device.

Cord extension sets incorporating an integral reeling or coiling device are excluded from this Standard and are covered by AS/NZS 3105.

**2 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

AS/NZS

3100	Approval and test specification—General requirements for electrical equipment
3105	Approval and test specification—Electrical portable outlet devices
3112	Approval and test specification—Plugs and socket-outlets
3120	Approval and test specification—Cord extension sockets
3191	Electric flexible cords
3820	Essential safety requirements for low voltage electrical equipment

**3 DEFINITION**

For the purpose of this Standard, the following definition applies.

**3.1 Cord extension set**

An assembly of—

- (a) a three-pin plug;
- (b) a sheathed flexible cord; and
- (c) a cord extension socket.

**4 COMPLIANCE WITH SPECIFICATIONS****4.1 General requirements of AS/NZS 3100**

This Standard shall be read in conjunction with AS/NZS 3100, and the appropriate provisions of AS/NZS 3100 shall apply to the construction of the cord extension set and the insulation and/or safeguarding of parts which normally carry current.

**4.2 Specific requirements of this Standard**

A cord extension set shall be deemed to comply with this Standard only if it complies with all the requirements of this Standard and passes the tests specified herein.

**4.3 Compliance with other Standards**

Components incorporated in a cord extension set which are depended upon for safety, shall comply with the appropriate requirements of any relevant Standard.