

Australian/New Zealand Standard™

Electrical wiring in furniture



AS/NZS 4703:2007

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 5 September 2007 and on behalf of the Council of Standards New Zealand on 31 August 2007.
This Standard was published on 23 November 2007.

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Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Canterbury Manufacturers Association, New Zealand
Consumer Electronics Suppliers Association
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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION
OF
AS/NZS 4703:2007
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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 15 August 2017.

Approved for reconfirmation in New Zealand on behalf of the New Zealand Standards Approval Board on 26 June 2018.

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NOTES

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First published as AS/NZS 4703:2007.

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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 8460 7

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories.

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

Where a harmonized Standard is referenced in this Standard, the New Zealand Standard number is given in parenthesis following the Australian Standard number.

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

During preparation of this Standard, reference was made to IEC 60364-7-713, *Electrical installations of buildings, Part 7: Requirements for special installations and locations—Section 713: Furniture* and BS 6396, *Electrical systems in office furniture and office screens—Specification*.

CONTENTS

	<i>Page</i>
1 SCOPE.....	4
2 REFERENCED DOCUMENTS.....	4
3 DEFINITIONS.....	5
4 GENERAL REQUIREMENTS.....	6
5 DESIGN REQUIREMENTS.....	7
6 CONSTRUCTION.....	9
7 MEANS OF CONNECTION	12
8 MARKING	12
9 INSTRUCTIONS.....	12
10 VERIFICATION AND TESTS.....	13

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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1 SCOPE

This Standard specifies general requirements for electrical wiring systems (other than communications wiring) in furniture (and similar fitments) that are connected to an electrical installation.

The Standard applies to furniture connected to fixed installation wiring by—

- (a) direct connection (such as terminals or installation couplers that are not further cascaded); or
- (b) a detachable connection (such as a plug or appliance inlet).

This Standard does not apply to electrical equipment used with or within office furniture, for which appropriate Standards are available. The Standard does not apply to installation wiring within the scope of AS/NZS 3000.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

3111 Approval and test specification—Miniature overcurrent circuit-breakers

60529 Degrees of protection provided by enclosures (IP Code)

AS/NZS

3000 Electrical installations (known as the Australian/New Zealand Wiring Rules)

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

3117 Approval and test specification—Bayonet lampholders

3121 Approval and test specification—Insulating mouldings

3123 Approval and test specification—Plugs, socket-outlets and couplers for general industrial application

3127 Approval and test specification—Cord-line switches

3131 Approval and test specification—Plugs and socket-outlets for stationary appliances

3133 Approval and test specification—Air break switches

3140 Approval and test specification—Edison-type screw lampholders

3191 Electric flexible cords

5000 (all parts) Electric cables—Polymeric insulated