

AS/NZS 3112:1993

Australian/New Zealand Standard

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**Approval and test specification—  
Plugs and socket-outlets**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL/4, Electrical Accessories and Standards New Zealand Committee ESC 604/2, Electrical Accessories. It was approved on behalf of the Council of Standards Australia on 3 June 1993 and on behalf of the Council of Standards New Zealand on 21 April 1993. It was published on 13 September 1993.

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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  
Department of Public Works, N.S.W.  
Electrical Supply Association of Australia  
The Plastics Industry Association  
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New Zealand Manufacturers Federation  
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## PREFACE

This Standard is issued as a Joint Standard under the terms of the Active Cooperation Agreement between Standards Australia and Standards New Zealand.

This Standard was prepared by the Standards Australia Committee on Electrical Accessories and by the Standards New Zealand Committee on Electrical Accessories to supersede AS 3112—1990 and NZS 6216:1989.

This Standard is one of a series of Approval and Test Specifications issued by Standards Australia and Standards New Zealand. In Australia, these specifications are to be read in conjunction with AS 3100, *Approval and test specification—General requirements for electrical equipment*. In New Zealand, they are to be read in conjunction with NZS 6200, *General requirements for electrical apparatus and material*. The purpose of these Specifications is to outline conditions which must be met to secure approval for the sale and use of electrical equipment. Only safety matters and related conditions are covered.

Where there is a published Australian/New Zealand harmonized or Joint Standard referenced in this Standard, the New Zealand Standard number is given in parenthesis following the Australian Standard number.

This Standard was revised to introduce the following technical and editorial changes:

- (a) The introduction of requirements for the exposed ends of plugs pins in Clause 2.2.3.
- (b) Modification of Clause 2.8.1 to cater for round pins.
- (c) Clause 2.8.4, Clause 2.10 and Clause 2.12.6, additions for plug with round pins.
- (d) Dimensions for plugs with round pins added to Figure 2.1.
- (e) Clause 2.8.4 and Figure 2.1, Note 1, modified for plugs intended only for use in New Zealand.
- (f) Clause 2.12.5.1 modified for plugs intended only for use in New Zealand.
- (g) Dimensions for pin entry apertures for round pins added to Table 3.1.
- (h) Modification to the socket-outlet faceplate requirements in Clause 3.6.3. Figure 3.4 added.
- (i) Changes to Clause 3.8.1 for socket-outlets for use with plugs having round pins.
- (j) Requirements for shuttered socket-outlets added.
- (k) Appendices F and G added.

In Australia, this Standard supersedes AS 3112—1990 from date of publication with the exception of the following:

- (i) The dimensional change to the major axis for flat live pin apertures of 10A and 15A socket-outlets in Table 3.1 which become applicable on 6 August 1994.
- (ii) Clauses 3.6.2 and 3.6.3 which form part of the Specification on 6 August 1994.

In New Zealand, it supersedes NZS 6216:1989 one year from the date of publication of this Specification.

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

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