AS/NZS 61535.1(Int):2001 (Expires 12 October 2003)

(Incorporating Amendment No. 1)

# Australian/New Zealand Standard™

## Installation couplers

## Part 1: General requirements





#### AS/NZS 61535.1(Int):2001

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 2 July 2001 and on behalf of the Council of Standards New Zealand on 1 August 2001. It was published on 12 October 2001.

The following interests 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 Electricity Supply Association of Australia International Accreditation New Zealand Energy Safety Service, New Zealand National Electrical and Communications Association Plastics and Chemicals Industries Association Regulatory Authorities (Electrical), Australia Testing Interests (Australia)

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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia International or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR 00336.

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Originated as AS 3131—1990. Previous edition AS/NZS 3131:1995. Jointly revised and redesignated as AS/NZS 61535.1(Int):2001. Reissued incorporating Amendment No. 1 (January 2002).

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#### PREFACE

This Interim Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories, to supersede AS/NZS 3131:1995, *Approval and test specification—Plugs and socket-outlets for use in installation wiring systems* (in part).

A1 This Standard incorporates Amendment No. 1 (January 2002). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Interim Standard is to provide Australian and New Zealand industry (including manufacturers, test laboratories, regulators and installers) with general and safety requirements and test methods for installation couplers. It is based on document IEC 23/256/CDV being the draft of Standard IEC 61535 *Installation Couplers intended for permanent connection, Part 1: General requirements.* 

Standards Australia and Standards New Zealand invite comment on this Interim Standard from persons and organizations concerned with installation couplers. The date of expiry of this Interim Standard is two years after publication, at which time this Interim Standard will be confirmed, withdrawn or revised in the light of public comment.

During the life of this Interim Standard, the Committee will monitor all comment as it is received.

Due to delays in finalizing the IEC Standard, EL-004 decided to publish the IEC draft requirements as an Interim Standard to allow Australian and New Zealand manufacturers, regulators, test laboratories and users to have access to the new requirements being developed by the IEC for installation couplers.

Requirements for the following topics are still being developed:

- (a) Installation couplers to be used at ambient temperatures higher than 25°C.
- (b) An impulse voltage test.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard whereas an 'informative' appendix is for information and guidance only.

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