

**AS/NZS 60335.2.81:2015**

(IEC 60335-2-81 Ed 3.2, MOD)

Incorporating Amendment No. 1, 2, and 3

**Includes IEC 60335-2-81 Ed 3.2**

**AUSTRALIAN/NEW ZEALAND STANDARD**

# **Household and similar electrical appliances – Safety**

## **Part 2.81: Particular requirements for foot warmers and heating mats**

Superseding AS/NZS 60335.2.81:2012

AS/NZS 60335.2.81:2015



This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL 002 - Safety of household and similar electrical appliances and small power transformers. It was approved on behalf of the Council of Standards Australia on 19 October 2015 and by the Council of Standards New Zealand on 6 November 2015. It was published on 30 November 2015.

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The following interests are represented on Committee EL/2

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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 Standards Australia or the New Zealand Standards Executive at the address shown on the title page.

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*This standard was issued in draft form for comment as DR 15904*

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(Incorporating Amendments 1, 2 and 3  
(IEC 60335-2-81 Ed 3.2, MOD)

Australian/New Zealand Standard™

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Household and similar electrical  
appliances – Safety –  
Part 2.81: Particular requirements for  
foot warmers and heating mats

(IEC 60335-2-81 Ed 3.2, MOD)

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Originated as AS/NZS 3350.2.81:1998 Jointly revised and redesignated AS/NZS 60335.2.81:2006 Jointly revised and designated AS/NZS 60335.2.81:2012 Jointly revised and designated AS/NZS 60335.2.81:2015
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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

## AS/NZS 60335.2.81:2015

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –  
SAFETY –

## Part 2.81: Particular requirements for foot warmers and heating mats

## Foreword

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-002- Safety of Household and Similar Electrical Appliances and Small Power Transformers to supersede AS/NZS 60335.2.81:2012 three years from the date of publication.

A1

The objective of this Standard is to provide manufacturers, designers, regulatory authorities, testing laboratories and similar organizations with safety requirements designed to give the user protection against hazards that might occur during normal operation and abnormal operation of the appliance and which may be used as the basis for approval for sale or for connection to the electricity supply mains in Australia and New Zealand

The text of IEC 60335-2-81 Ed 3, prepared by IEC Technical Committee TC 61, was submitted to the Standards Australia/Standards New Zealand Combined Procedure (dual public comment and committee vote) for adoption of the IEC standard as a Standards Australia/Standards New Zealand joint standard.

The principal changes in this edition as compared with the 2012 edition of AS/NZS 60335.2.81 are as follows (minor changes are not listed):

- Requirements for washable appliances (5.3, 7.1, 7.6, 7.12);
- Requirements for controls in flexible cords (15.1.1, 24.2, 25.14);
- Requirements for appliance inlets (22.105, 24.1.5, 29.1.3);

The text of IEC 60335-2-81 edition 3 amendment 1, prepared by IEC Technical Committee TC 61, was submitted to the Standards Australia/Standards New Zealand Combined Procedure (dual public comment and committee vote) for adoption as an amendment to the Standards Australia/Standards New Zealand joint standard AS/NZS 60335.2.81:2015.

This standard incorporates Amendment No.1 (February 2017) and Amendment No. 2 (November 2018). The changes introduced by the amendments are indicated in the text by a marginal bar and amendment number against the part affected. Where an application date other than immediate is applicable to an amendment the date of application (DOA) and the date of withdrawal (DOW) if relevant, is indicated by the marginal bar against the part affected. Unless otherwise indicated, the application date of the changes introduced by Amendment No. 1 is 3 February 2019.

A3  
DOW  
25/6/23

NOTE: Regulatory authorities that reference this Standard in regulation may apply these amendment requirements at a different time. Users of this Standard should consult with these authorities to confirm their requirements

This standard is an adoption with national modifications of the third edition of IEC 60335-2-81, *Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats* including its amendment 1 (2017). It has been varied as indicated to take account of Australian and New Zealand conditions.

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