

AS/NZS 60335.2.97:2024
IEC 60335-2-97:2023



Australian/New Zealand Standard™

Household and similar electrical appliances – Safety

Part 2.97: Particular requirements for drives for shutters, awnings, blinds and similar equipment



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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 and Power Supplies. It was approved on behalf of Standards Australia's Standards Development and Accreditation Committee on 27 September 2024 and by the New Zealand Standards Approval Board on 2 October 2024.

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The following are represented on Committee EL-002:

- Association of Accredited Certification Bodies
- Australian Industry Group
- Australian Retailers Association
- Better Regulation Division (Fair Trading, Safework NSW, TestSafe)
- Business New Zealand
- Consumer Electronic Suppliers Association, Australia
- Consumers' Federation of Australia
- Electrical Consultants
- Electrical Regulatory Authorities, Australia
- Engineers Australia
- JAS-ANZ
- National Retailers Association, Australia
- New Zealand Electric Fence Energizer Manufacturers' Standards Group
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This Standard was issued in draft form for comment as DR AS/NZS 60335.2.97:2024.

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NOTES

PREFACE

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 60335.2.97:2017 3 years from the date of publication of this standard. During this period, AS/NZS 60335.2.97:2017 and its amendments will remain current. Regulatory authorities that reference this standard in regulation may apply these requirements at a different time. Users of this standard should consult these authorities to confirm their requirements.

The objective of this standard is to provide manufacturers, designers, regulatory authorities, testing laboratories, and similar organisations 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 60335-2-97, Ed. 4.0, prepared by IEC Technical 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 2017 edition of AS/NZS 60335.2.97 are as follows (minor changes are not listed):

- (a) Alignment with AS/NZS 60335.1:2022;
- (b) Scope includes DC-supplied appliances and battery-operated appliances (clause 1);
- (c) Some notes have been converted to normative text (clause 1, 5.10, 20.101, 20.103);
- (d) Use of artificial loads is introduced (5.10);
- (e) Application of test probe 19 has been introduced (8.1.1, 20.2);
- (f) Addition of surface temperatures for external accessible surfaces (11.3, 11.8);
- (g) Requirements are added for drives intended for permanent connection delivered with a connector to ease the installation (22.102, 24.1.101, 25.3);
- (h) Clarification for connectors that are non-detachable once engaged (24.1.5);
- (i) Added requirements for instructions for parts of class III construction supplied from a detachable power supply part (7.12, 7.12.1).

This standard is an adoption with national modifications of the fourth edition of IEC 60335-2-97, *Household and similar electrical appliances – Safety – Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment*. It has been varied as indicated to take account of Australian and New Zealand conditions.

This part 2 has to be used in conjunction with the latest edition of AS/NZS 60335.1 *Household and similar electrical appliances – Safety – Part 1: General requirements* and its Amendments, unless that edition precludes it; in that case, the latest edition that does not preclude it is used. It was established on the basis of AS/NZS 60335.1:2022.

This part 2 supplements or modifies the corresponding clauses of AS/NZS 60335.1 so as to convert it into the Australian/New Zealand standard: Safety requirements for drives for shutters, awnings, blinds and similar equipment .

When a particular subclause of Part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. Where this standard states, “addition”, “modification”, or “replacement”, the relevant text of Part 1 is to be adapted accordingly.

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