

Australian Standard™

**Empty enclosures for low-voltage
switchgear and controlgear
assemblies—General requirements**



This Australian Standard was prepared by Committee EL-006, Industrial Switchgear and Controlgear. It was approved on behalf of the Council of Standards Australia on 13 December 2005.

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Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Bureau of Steel Manufacturers of Australia
Electrical Contractors Association of New Zealand
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PREFACE

This Standard was prepared by the Standards Australia Committee EL-006, Industrial Switchgear and Controlgear.

The objective of this Standard is, apart from that stated in Clause 1, to bring Australian requirements for empty enclosures intended to be used for the incorporation of low voltage switchgear and controlgear components into line with Edition 1.0(2002) of IEC 62208.

This Standard is identical with, and has been reproduced from IEC 62208, Ed. 1.0 (2002), *Empty enclosures for low-voltage switchgear and controlgear assemblies—General requirements*.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- (b) In the source text ‘this international standard’ should read ‘this Australian Standard’.
- (c) A full point should be substituted for a comma when referring to a decimal marker.

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STANDARDS AUSTRALIA

Australian Standard
Empty enclosures for low-voltage switchgear and controlgear assemblies—General requirements

1 Scope

This International Standard applies to empty enclosures, prior to the incorporation of switchgear and controlgear components by the user, as supplied by the enclosure manufacturer.

This standard specifies definitions, classifications, characteristics and test requirements of enclosures to be used as part of switchgear and controlgear assemblies in accordance with the IEC 60439 series, the rated voltage of which does not exceed 1 000 V a.c. at frequencies not exceeding 1 000 Hz, or 1 500 V d.c. and suitable for general use for either indoor or outdoor applications.

This standard does not apply to enclosures, which are covered by other specific products standards (e.g. IEC 60670).

Compliance with the safety requirements of the applicable product standard is the responsibility of the final assembly manufacturer.

NOTE 1 This standard may serve as a basis for other technical committees.

NOTE 2 In the source text 'IEC Standard' should read as relevant AS/NZS Standard as applicable.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

References to international standards that are struck through in this clause are replaced by references to Australian or Australian/New Zealand Standards that are listed immediately thereafter and identified by shading. Any Australian or Australian/New Zealand Standard that is identical to the International Standard it replaces is identified as such.

~~IEC 60068-2-2:1974, Basic environmental testing procedures—Part 2: Tests—Tests B: Dry heat
Amendment 2 (1994)~~

AS 60068.2.2, Basic environmental testing procedures, Part 2.2: Tests—Tests B: Dry heat (identical to IEC 60068-2-2:1974 and includes its Amendment 1:1993 and Amendment 2:1994)

~~IEC 60068-2-11:1981, Basic environmental testing procedures—Part 2: Tests—Test Ka: Salt mist~~

AS 60068.2.11, Basic environmental testing procedures, Part 2.11: Tests—Test Ka: Salt mist (identical to IEC 60068-2-11:1981)