

Australian Standard™

**High-voltage alternating current
contactors and contactor-based motor-
starters**

This Australian Standard was prepared by Committee EL-007, Power Switchgear. It was approved on behalf of the Council of Standards Australia on 20 August 2001 and published on 12 October 2001.

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Australian British Chamber of Commerce
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AS 60470—2001

Australian Standard™

High-voltage alternating current contactors and contactor-based motor- starters

Originated as part of AS 1864—1976 and AS 2232.1—1979.
AS 1864—1976 and AS 2232.1—1979 revised, amalgamated and
redesignated as AS 60470—2001.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-007, Power Switchgear, to supersede AS 1864—1976 and AS 2232.1—1979.

This Standard is the result of a consensus among representatives on the Joint Committee to produce it as an Australian Standard.

The objective of this Standard is to state the characteristics of contactors, starters and associated equipment, the conditions with which contactors or starters shall comply, the tests intended for confirming that these conditions have been met and the methods to be adopted for these tests and the information to be given with the equipment or in the manufacturer's literature.

This Standard is identical in technical content with and has been reproduced from IEC 60470:2000, *High-voltage alternating current contactors and contactor-based motor-starters*.

An informative Australian only Annex ZA has been added to inform the reader of items to be agreed between manufacturer and user. Annex ZA has been shaded to emphasize that it is additional information.

This Standard differs from AS 1864—1976 and AS 2232.1—1979 in the following areas:

- (a) Vacuum and SF6 contactors are included.
- (b) Additional utilization categories.
- (c) Conditions for construction and operation in service.
- (d) Type and routine tests.
- (e) Requirements for transport, storage, erection, operation, maintenance and safety.
- (f) Guide to the selection of contactors and motor-starters for service.

A reference to an International Standard identified in the Normative References Clause by strikethrough (~~example~~) is replaced by a reference to the Australian or Australian/New Zealand Standard(s) listed immediately thereafter and identified by shading (**example**). Where the struck-through referenced document and the referenced Australian or Australian/New Zealand Standard are identical, this is indicated in parenthesis after the title of the latter.

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- (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 standard' should read 'this Australian Standard'.
- (c) A full point should be substituted for a comma when referring to a decimal marker.

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

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