

AS 2006—1986

Australian Standard<sup>®</sup>

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**HIGH VOLTAGE A.C.  
SWITCHGEAR AND  
CONTROLGEAR—  
CIRCUIT-BREAKERS FOR RATED  
VOLTAGES ABOVE 1000 V**

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(Circuit Breaker, A.C., above 1 kV)]

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The following interests are represented on Committee EL/7:

Australian British Chamber of Commerce  
Australian Electrical and Electronic Manufacturers Association  
Confederation of Australian Industry  
Electricity Supply Association of Australia  
Institution of Engineers Australia  
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## PREFACE

This standard was prepared by the association's Committee on Power Switchgear to supersede AS 2006—1980.

It is based on the following IEC documents for the revision of IEC 56, High Voltage Alternating Current Circuit-breakers, Parts 1 to 6 and acknowledgment is made of the assistance received therefrom:

17A(Central Office)173:	Revision of Publication 56-1, General and Definitions.
17A(Central Office)174:	Revision of Publication 56-2, Rating.
17A(Central Office)175:	Revision of Publication 56-3, Design and Construction.
17A(Central Office)176:	Revision of Publication 56-4, Type Tests and Routine Tests.
17A(Central Office)177:	Revision of Publication 56-5, Rules for the Selection of Circuit-breakers for Service.
17A(Central Office)178:	Revision of Publication 56-6, Information to be Given with Enquiries, Tenders and Orders and Rules for Transport, Erection and Maintenance.
17A(Central Office)179:	Revision of IEC Publications 56-1, 56-2 and 56-6 in Respect of Time Quantities.
17A(Central Office)180:	Amendments of IEC Publication 56-2 and 56-4 in Respect of Short-line Fault Tests.
17A(Central Office)181:	Amendment to IEC Publication 56-4 in Respect of Tightness Specifications and Tests.
17A(Central Office)195:	Amendments to IEC Publication 56 in Respect of the Rated Operating Sequence.
17A(Secretariat)262:	Revision of IEC Publication 56-4 High-voltage Alternating Current Circuit-breakers Type Tests and Routine Tests.

The standard is intended to be read in conjunction with AS 2650, High Voltage A.C. Switchgear and Controlgear—Common Requirements, as, in general, the clauses herein modify or supplement the corresponding clauses of AS 2650. Clauses having numbers with a component part of 101 or greater are specific to this standard only.

The clause numbering herein closely follows that of the above IEC documents and IEC 694, Common Clauses for High Voltage Switchgear and Controlgear Standards.

Where this standard deviates technically from the above IEC documents by way of different or additional requirements, this fact is indicated by a rule in the margin against the clause, or part thereof, affected. A summary of technical variations between this standard and the above IEC documents is given in the Annex.

Where reference is made directly to clauses of the same number in AS 2650 without amendment thereto, those clauses are shown in the Contents in bold type.

A revision of IEC 427, Synthetic Testing of High-voltage Alternating Current Circuit-breakers, is in course of preparation, and will be the basis of either a new Australia standard or a supplement to this standard. This work is available as IEC document 17A(Secretariat) 263 at this stage of its development.

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