

AS 1306—1985

Australian Standard[®]

**HIGH VOLTAGE A.C.
SWITCHGEAR AND
CONTROLGEAR—
DISCONNECTORS (ISOLATORS)
AND EARTHING SWITCHES**

[Title allocated by the Defence Cataloguing Authority:
SWITCHGEAR AND CONTROLGEAR, ELECTRICAL
(Disconnectors and Earthing Switches, A.C. 1 kV and above)]

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Australian British Chamber of Commerce
Australian Electrical and Electronic Manufacturers Association
Confederation of Australian Industry
Electrical Supply Association of Australia
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PREFACE

This edition of this standard was prepared by the Association's Committee on Power Switchgear to supersede AS 1306—1977, High Voltage Isolators (Disconnectors) and Earthing Switches.

It applies to disconnectors (previously referred to as isolators), earthing switches and combinations of disconnectors and earthing switches designed for use indoors or outdoors on alternating current systems of rated voltages exceeding 1000 V.

This standard is based on IEC 129 and IEC document 17A(Central Office)162, which proposed the amendment of IEC 129 to line up with the IEC standard covering the common requirements for high-voltage a.c. switchgear and controlgear. Where this standard deviates technically from IEC 129, as amended by IEC document 17A(Central Office)162, this fact is indicated by a rule in the margin against the clause or part thereof affected and a summary of such deviations is given in the annex.

The appendices in this edition cover a procedure for arranging a pre-arcing condition when testing earthing switches for making capacity at reduced voltage, preferred nomenclature for types of disconnectors and earthing switches, and items subject to agreement between the purchaser and the manufacturer. Other matters which were dealt with in the appendices of the previous edition are now included in the body of this edition.

This edition reflects a substantial editorial rearrangement of the previous edition.

The clause numbering of this edition closely follows that of AS 2650 and where reference is made directly to clauses of the same number in AS 2650 without amendment thereto these clauses are shown in the Contents in bold. Clauses having numbers with a component part of 101 or greater are specific to this standard only.

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