

AS 1025.2—1989

IEC 265-2 (1988)

Australian Standard®

**High-voltage a.c. switchgear
and controlgear—Switches
and switch-disconnectors**

**Part 2: For rated voltages of
52 kV and above**

[IEC title: High-voltage switches, Part 2: High-voltage switches for rated voltages of 52 kV and above]

[Title allocated by Defence Cataloguing Authority: SWITCHGEAR AND CONTROLGEAR, ELECTRICAL (Switches and Switchgear, a.c., 52 kV and above)]

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The following interests are represented on Committee EL/7:

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PREFACE

This Standard was prepared by Standards Australia's Committee on Power Switchgear. Together with AS 1025.1, this Standard completes the replacement of AS 1025–1979.

The parts are arranged as follows:

Part 1: For rated voltages above 1 kV and less than 52 kV (AS 1025.1)

Part 2: For rated voltages of 52 kV and above (AS 1025.2)

This Standard has been reproduced from, and including the technical deviations shown in Appendix A, is technically equivalent to IEC 265-2 (1988), *High-voltage switches, Part 2: High-voltage switches for rated voltages of 52 kV and above*.

Where this Standard deviates technically from IEC 265-2 the IEC text affected is marked with a rule in the margin and is replaced by amendments shown in Appendix A.

Statements in mandatory terms in Notes to tables are deemed to be requirements of this Standard.

The page numbers of the IEC English text are given at the bottom left hand corner of each page of this Standard.

Cross-references to IEC Publications should be replaced by references to Australian Standards as follows:

| <i>Reference to international Standard</i> | <i>Australian Standard</i> |
|---|---|
| IEC | AS |
| 50(441) International electrotechnical vocabulary (IEV), Chapter 441: Switchgear, controlgear and fuses | 1852(441) International electrotechnical vocabulary—Switchgear, control gear and fuses |
| 56 High-voltage alternating-current circuit-breakers. | 2006 High voltage a.c. switchgear and controlgear—Circuit-breakers for rated voltages above 1000 V |
| 59 IEC standard current ratings | — |
| 71-1 Insulation co-ordination Part 1: Terms, definitions, principles and rules | 1824 Insulating coordination (phase-to-earth) and phase-to-phase, above 1 kV Part 1: Basic principles, standard insulation levels and test procedures |
| 129 Alternating current disconnectors (isolators) and earthing switches | 1306 High voltage a.c. switchgear and controlgear—Disconnectors (isolators) and earthing switches |
| 137 Bushings for alternating voltages above 1000 V | 1265 Bushings for alternating voltages above 1000 V |

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| 270 | Partial discharge measurements | 1018 | Partial discharge measurements |
| 694 | Common clauses for high-voltage switchgear and controlgear Standards | 2650 | High voltage a.c. switchgear and controlgear—Common requirements. |

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