

AS 3947.3—1994
IEC 947-3:1990

Australian Standard[®]

**Low voltage switchgear and
controlgear**

**Part 3: Switches, disconnectors,
switch-disconnectors and
fuse-combination units**

This Australian Standard was prepared by Committee EL/6, Industrial Switchgear and Controlgear. It was approved on behalf of the Council of Standards Australia on 1 November 1993 and published on 21 February 1994.

The following interests are represented on Committee EL/6:

Australian-British Chamber of Commerce
Australian Electrical and Electronic Manufacturers Association
Bureau of Steel Manufacturers of Australia
Electrical Contractors Association of Australia
Electricity Supply Association of Australia
Independent Electrical Switchboard Manufacturers Association
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PREFACE

This Standard was prepared by Standards Australia Committee on Industrial Switchgear and Controlgear to supersede AS 1775—1984, *Low voltage switchgear and controlgear—Air-break switches, isolators and fuse-combination units (up to and including 1000 V a.c. and 1200 V d.c.)*.

This Standard is a part of a series:

AS

3947 Low voltage switchgear and controlgear

3947.1 Part 1: General rules

Circuit breakers*

Contactors and motor starters*

Control circuit devices and switching elements—Electromechanical control circuit devices*

Multiple function equipment*

Ancillary equipment*

With the exception of Appendix AA, this Standard has been reproduced from IEC 947-3:1990, *Low-voltage switchgear and controlgear*, Part 3: *Switches, disconnectors, switch-disconnectors and fuse-combination units*, and the Corrigendum.

Appendix AA lists the variations between this Standard and IEC 947-3. For the purposes of this Standard, the IEC text is amended, supplemented or replaced as set out in Appendix AA. These changes are indicated by a marginal bar against the Clause, Table, Figure or part thereof affected.

The corrections required by the Corrigendum are indicated in the IEC text by a double marginal bar against the Clause, Table, Figure or part thereof affected.

Under arrangements made between Standards Australia and the international Standards bodies, ISO and IEC, as well as certain other Standards organizations, users of this Australian Standard are advised that the number of this Standard is not reproduced on each page; its identity is shown only on the cover and title pages.

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

For the purpose of this Standard, the IEC text should be modified as follows:

- (i) *Terminology* The words ‘Australian Standard’ should replace the words ‘International Standard’ wherever they appear.
- (ii) *References* The references to international Standards should be replaced by references to the following Australian Standards:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
IEC		AS	
50	International Electro-technical vocabulary (IEV)	1852	International Electrotechnical Vocabulary
50(441)	Chapter 441: Switchgear, controlgear and fuses	1852.441	Switchgear, controlgear and fuses
417	Graphical symbols for use on equipment. Index survey and compilation of single sheets	1104	Informative symbols for use on electrical and electronic equipment

* In course of preparation.

IEC		AS	
617	Graphical symbols for diagrams	1102	Graphical symbols for electro-technology
617-7	Part 7: Switchgear, controlgear and protective devices	1102.107	Switchgear, controlgear and protective devices
947	Low-voltage switchgear and controlgear	3947	Low voltage switchgear and controlgear
947-1	Part 1: General rules	3947.1	Part 1: General rules
947-2	Part 2: Circuit breakers	3858	Low voltage switchgear and controlgear—Circuit-breakers
947-4-1	Part 4: Contactors and motor-starters. Section One—Electromechanical contactors and motor-starters	1029 1029.1	Low voltage contactors Part 1: Electromechanical (up to and including 1000 V a.c. and 1200 V d.c.)
		1202	A.C. motor starters (up to and including 1000 V)
947-5-1	Part 5: Control-circuit devices and switching elements. Section One—Electromechanical control-circuit devices	1431 1431.1	Low voltage switchgear and controlgear. Control circuit devices and switching elements General requirements

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