

AS 3947.6.1—1996

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Australian Standard[®]

**Low-voltage switchgear and
controlgear**

**Part 6.1: Multiple function
equipment—Automatic transfer
switching equipment**

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 10 November 1995 and published on 5 March 1996.

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
Electricity Supply Association of Australia
Independent Electrical Switchboard Manufacturers Association
Institution of Engineers, Australia
Ministry of Commerce, New Zealand
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/6 on Industrial Switchgear and Controlgear as an Australian Standard to supersede AS 3639.1—1989, *Low voltage switchgear and controlgear—Multiple function devices, Part 1: Automatic transfer switching equipment (automatic transfer switches)*.

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

This Standard is Part 6 of a series which, when complete, will consist of the following:

AS

3947 Low voltage switchgear and controlgear

Part 1: General rules

Part 2: Circuit breakers

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

Part 4: Contactors and motor-starters

Part 5: Control circuit devices and switching elements

Part 6: Multiple function equipment

Part 7: Ancillary equipment

This Standard is identical with and has been reproduced from IEC 947-6-1 (1989), *Low-voltage switchgear and controlgear, Part 6: Multiple function equipment, Section One—Automatic transfer switching equipment*, the Corrigendum and Amendment 1 (1994).

The corrections required by the Corrigendum are indicated in the text by a marginal bar and the changes required by Amendment 1 by double marginal bars against the clause, table, figure or part thereof affected.

The objective of this Standard, in addition to that stated in Clause 1.2, is to bring it into line with IEC 947-6-1 and renumber it as part of a series of Standards for low-voltage switchgear and controlgear.

As this Standard is reproduced from an international Standard, the following applies:

- (a) The AS number is shown only on the cover and title page, while the International Standard number appears only on the cover.
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References to international Standards should be replaced by equivalent Australian Standards, as follows:

<i>Reference to International Standard</i>	<i>Australian Standard</i>
IEC	AS
112 Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions	—
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

IEC	AS
947-4-1 Part 4: Contactors and motor starters	3947.4.1 Part 4.1: Contactors and motor-starters — Electromechanical contactors and motor-starters
Section One — Electromechanical contactors and motor-starters	

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