

**AS 3947.6.1—1996**

IEC 947-6-1:1989

IEC 947-6-1:1989/Cor.:1991

IEC 947-6-1:1989/Amd.1:1994

Australian Standard<sup>®</sup>

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**Low-voltage switchgear and  
controlgear**

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

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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.

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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  
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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	3947.4.1	Part 4.1: Contactors and motor-starters — Electromechanical contactors and motor-starters
Part 4: Contactors and motor starters		
Section One — Electromechanical contactors and motor-starters		

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