

Australian/New Zealand Standard™

**Low-voltage switchgear and controlgear**

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

**Supplement 1: Fuse-switch-disconnectors and switch-disconnectors for use with low-voltage aerial bundled cables**

**(Supplement to AS/NZS 3947.3:2001)**



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### **AS/NZS 3947.3 Supp1:2001**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-006, Industrial switchgear and controlgear. It was approved on behalf of the Council of Standards Australia on 18 June 2001 and on behalf of the Council of Standards New Zealand on 1 August 2001. It was published on 4 October 2001.

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Originated as AS 3947.3 Supplement 1—1995.  
Jointly revised and redesignated AS/NZS 3947.3 Supplement 1:2001.

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## PREFACE

This Standard was prepared by the Standards Australia/Standards New Zealand Committee EL-006 on Industrial Switchgear and Controlgear to supersede AS 3947.3 Supplement 1—1995.

The objective of this Standard is to specify the characteristics, conditions for operation and behaviour in normal and specified abnormal service, tests and methods to confirm that those conditions have been met for fuse-switch-disconnectors and switch-disconnectors for use with low-voltage aerial bundled cables (ABC).

This Standard follows the clause numbers of AS/NZS 3947.1, *Low-voltage switchgear and controlgear*, Part 1: *General rules*, and AS/NZS 3947.3, except where noted.

For the purpose of this Standard, AS/NZS 3947.1 and AS/NZS 3947.3 are referred to as Parts 1 and 3, respectively.

Some clauses of this Standard supplement, modify or replace clauses in AS/NZS 3947.1 and AS/NZS 3947.3, except that where this Standard has no corresponding clauses, those of the main documents apply without modification.

This Standard differs from AS 3947.3 Supplement 1—1995 in the following areas:

- (a) Overload requirements for equipment incorporating fuses.
- (b) Requirements for Electromagnetic Compatibility (EMC) have been added.
- (c) Type tests for performance—Test sequences V: Overload performance capability have been added.
- (d) Current carrying capacities of cables in Table C1 have been updated to reflect changes introduced into AS/NZS 3008.1 for both Australian and New Zealand conditions.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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