



Fire detection and alarm systems

Part 4: Power supply equipment (ISO 7240-4:2003, MOD)



This Australian Standard® was prepared by Committee FP-002, Fire Detection, Warning, Control and Intercom Systems. It was approved on behalf of the Council of Standards Australia on 1 December 2003.

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The following are represented on Committee FP-002:

- Audio Engineering Society
 - Australasian Fire Authorities Council
 - Australian Building Codes Board
 - Australian Chamber of Commerce and Industry
 - Australian Electrical and Electronic Manufacturers Association
 - Australian Government Analytical Laboratories, Scientific Services Laboratory
 - Australian Industry Group
 - Australian Institute of Building Surveyors
 - Deafness Forum of Australia
 - Department of Defence (Australia)
 - Fire Protection Association Australia
 - Institute of Security Executives
 - National Electrical and Communications Association
 - Property Council of Australia
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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AS 7240.4—2004
(Incorporating Amendment No. 1)

Australian Standard[®]

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**Part 4: Power supply equipment
(ISO 7240-4:2003, MOD)**

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PREFACE

This Standard was prepared by the Standards Australia Committee FP-002, Fire Detection, Warning, Control and Intercom Systems, to supersede AS 4428.5—1998, *Fire detection, warning, control and intercom systems, Part 5: Power supply units*. The Committee intends to withdraw AS 4428.5—1998 five years after the publication of this Standard.

This Standard incorporates Amendment No. 1 (October 2016). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

This Standard has been adopted with national modifications and has been reproduced from ISO 7240-4:2003, *Fire detection and fire alarm systems, Part 4: Power supply equipment*. The national modifications are specified in Annex ZA. Annex ZB has been added to specify marking requirements that apply in addition to those in Clause 8 of the source text. Annex ZC provides an optional test for p.s.e. required to operate outside the range of 0°C to +40°C.

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References to International standards should be replaced by references to Australian or Australian/New Zealand Standards as follows:

<i>References to International Standard or other Publication</i>		<i>Australian/New Zealand Standard</i>	
ISO		AS	
7240	Fire detection and alarm systems	7240	Fire detection and alarm systems
7240-2	Part 2: Control and indicating equipment	7240.2	Part 2: Control and indicating equipment (ISO 7240-2:2003,MOD)
IEC		AS	
60068	Environmental testing	60068	Environmental testing
60068-1	Part 1: General and guidance	60068.1	General and guidance
60068-2-1	Part 2: Tests. Test A: Cold	60068.2.1	Tests — Test A: Cold
60068-2-6	Part 2: Tests. Test Fc: Vibration (sinusoidal)	60068.2.6	Tests — Test Fc: Vibration (sinusoidal)
60068-2-47	Part 2: Test methods—Mounting of components, equipment and other articles for vibration, impact and similar dynamic tests	60068.2.47	Test methods — Mounting of components, equipment and other articles for vibration, impact and similar dynamic tests
60068-2-75	Part 2: Tests. Test Eh: Hammer tests	60068.2.75	Tests — Test Eh: Hammer tests
IEC		AS/NZS	
60950	Information technology equipment—Safety		
60950-1	Part 1: General requirements	60950.1	Information technology equipment — Safety — General requirements

The term ‘normative’ and ‘informative’ are used in this Standard to define the application of the annex to which they apply. A ‘normative’ annex is an integral part of a standard, whereas an ‘informative’ annex is only for information and guidance.

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