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AS 7240.4:2018

Australian STANDARD

Fire detection and alarm systems

Part 4: Power supply equipment (ISO 7240-4:2017, MOD)

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AS 7240.4:2018

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Association of Hydraulic Services Consultants Australia
Australasian Fire and Emergency Service Authorities Council
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Institute of Building Surveyors
CSIRO
Deafness Forum of Australia
Department of Health and Human Services, Vic.
Engineers Australia
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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 7240.4—2004, *Fire detection and alarm systems, Part 4: Power supply equipment (ISO 7240-4:2003, MOD)*.

The objective of this Standard is to specify requirements, test methods and performance criteria for power supply equipment (PSE) for use in fire detection and alarm systems installed in buildings.

For the testing of other types of PSE, this Standard is intended to be used only for guidance. The PSE with special characteristics, developed for specific risks, are not covered in this Standard.

The major changes in this edition are as follows:

(a) Current ratings have been replaced by power ratings as this is more appropriate with the custom and practice of product specifications; however, it is expected that these new values can be derived from previous test results quoted in voltage and current.

(b) Time limits for notification of some PSU faults have been added.

(c) An optional dry heat, (operational) test has been added.

This Standard is an adoption with national modifications, and has been reproduced from, ISO 7240-4:2017, *Fire detection and alarm systems — Part 4: Power supply equipment*. The modifications are additional requirements and are set out in Appendix ZZ, which has been added at the end of the source text.

Appendix ZZ lists the variations to ISO 7240-4:2017 for the application of this Standard in Australia.

As this document has been reproduced from an International Standard, the following applies:

(i) In the source text “ISO 7240-14” should read “AS 1670.1”.

(ii) In the source text “ISO 7240-19” should read “AS 1670.4”.

(iii) In the source text “ISO 7240-16” should read “AS 4428.16”.

(iv) A full point substitutes for a comma when referring to a decimal marker.

Australian Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

Statements expressed in mandatory terms in notes to Figures and Tables are deemed to be requirements of this Standard.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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