

Australian Standard™

**Fire detection, warning, control and
intercom systems—Control and
indicating equipment**

Part 3: Fire brigade panel

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 12 May 2004 and published on 1 June 2004.

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PREFACE

This Standard was prepared by the Standards Australia Committee FP-002, Fire Detection, Warning, Control and Intercom Systems. It has been published as a companion Standard to AS 7240.2, *Fire detection and alarm systems Part 2: Control and indicating equipment (ISO 7240-2:2003, MOD)* and specifies a subset of controls and indicators that are used by firefighters in response to a fire alarm. It is based on Swedish Standard SS 3654, *Fire detection and alarm systems—Fire brigade panel and fire brigade key*.

In specifying the controls and indicators, care has been taken to ensure that the requirements for the operation of controls, the functions they perform and when and how the indicators operate, as specified in AS 7240.2, are not duplicated, added to or altered by this Standard.

This Standard specifies controls and indicators similar to those detailed in AS 4428.1, *Control and indicating equipment, Part 1: Fire*, specifically the firefighter's facility.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

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STANDARDS AUSTRALIA**Australian Standard****Fire detection, warning, control and intercom systems—Control and indicating equipment****Part 3: Fire brigade panel****SECTION 1 SCOPE AND GENERAL****1.1 SCOPE**

This Standard specifies requirements for fire brigade panels integrated in control and indicating equipment or constructed as a separate unit. Separately connected fire brigade panels use some of the functions given for the standardized input output interface according to AS 7240.2, Clause 12 and Annex H.

1.2 APPLICATION

The Standard is primarily applicable to control and indicating equipment without individual visual indicators per zone in the fire alarm condition. The installation requirements are specified in AS 1670.1.

AS/NZS 3100 shall be read in conjunction with this Standard.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- | | |
|--------|--|
| 1670 | Fire detection, warning, control and intercom systems—System design, installation, and commissioning |
| 1670.1 | Part 1: Fire |
| 2484 | Fire—Glossary of terms |
| 2484.2 | Part 2: Fire detection and firefighting equipment |
| 7240 | Fire detection and alarm systems |
| 7240.2 | Part 2: Control and indicating equipment |
| 7240.4 | Part 4: Power supply equipment |

AS/NZS

- | | |
|------|---|
| 3100 | Approval and test specification—General requirements for electrical equipment |
|------|---|

ISO

- | | |
|--------|----------------------------------|
| 7240 | Fire detection and alarm systems |
| 7240-1 | Part 1: General and definitions |

1.4 DEFINITIONS

For the purpose of this Standard the definitions given in ISO 7240-1, AS 2484.2 and the one below apply.

1.4.1 Optional function

A function that may be provided, and, where provided, the requirements are met in full.