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ISO 12239: 2003 Fire detection and fire alarm systems - smoke alarms

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Abbreviation
ISO 12239: 2003
Valid from
11/12/2003

Information provider
Standards New Zealand
Author
International Organization for Standardization
Information type
ISO Standard
Format
PDF

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Description

ISO 12239:2003 specifies requirements, test methods, performance criteria, and manufacturer's instructions for smoke alarms (including those with optional features) that operate using scattered light, transmitted light, or ionization, and are intended for household or similar residential applications. Smoke alarms with special characteristics and developed for specific risks and devices intended for incorporation in systems using separate control and indicating equipment are not covered. For the testing of other types of smoke alarms, or smoke alarms working on different principles, this document should be used only for guidance.

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- [F7/AS1 \(Fourth Edition\)](#)

ISO 12239: 2003 is cited by Acceptable Solution F7/AS1 Warning Systems from 10/04/2012

- [NZS 4514:2009](#)

ISO 12239: 2003 is cited by NZS 4514:2009 Interconnected smoke alarms for houses

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ISO 12239:2003 specifies requirements, test methods, performance criteria, and manufacturer's instructions for smoke alarms (including those with optional features) that operate using scattered light, transmitted light, or ionization, and are intended for household or similar residential applications. Smoke alarms with special characteristics and developed for specific risks and devices intended for incorporation in systems using separate control and indicating equipment are not covered. For the testing of other types of smoke alarms, or smoke alarms working on different principles, this document should be used only for guidance.

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This document CITES:

Other

- [BS EN 50130-4:1996](#)

ISO 12239: 2003 cites BS EN 50130-4:1996 Alarm systems. Electromagnetic compatibility - Part 4: Product family standard: Immunity requirements for components of fire, intruder and social alarm systems

- [BS EN 54-3:2001](#)

ISO 12239: 2003 cites BS EN 54-3:2001 Fire Detection And Fire Alarm Systems - Part 3: Fire Alarm Devices - Sounders

- [IEC 60065:2001](#)

ISO 12239: 2003 cites IEC 60065:2001 Audio, video and similar electronic apparatus - Safety requirements

- [IEC 60068-1:1988 +AMD1:1992](#)

ISO 12239: 2003 cites IEC 60068-1:1988 +AMD1:1992 - Environmental testing. Part 1: General and

guidance

- [IEC 60068-2-1:1990/AMD2:1994](#)

ISO 12239: 2003 cites IEC 60068-2-1:1990/AMD2:1994 Environmental testing - Part 2-1: Tests - Test A: Cold

- [IEC 60068-2-2:1974/AMD2:1994](#)

ISO 12239: 2003 cites IEC 60068-2-2:1974/AMD2:1994 Environmental testing - Part 2-2: Tests - Test B: Dry heat

- [IEC 60068-2-42:1982](#)

ISO 12239: 2003 cites IEC 60068-2-42:1982 Environmental testing - Part 2-42: Tests - Test Kc: Sulphur dioxide test for contacts and connections

- [IEC 60068-2-6:1995](#)

ISO 12239: 2003 cites IEC 60068-2-6:1995 - Environmental testing - Part 2: Tests - Test Fc: Vibration (sinusoidal)

- [IEC 60068-2-78:2001](#)

ISO 12239: 2003 cites IEC 60068-2-78:2001 Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state

- [IEC 60950-1:2001](#)

ISO 12239: 2003 cites IEC 60950-1:2001 Information technology equipment - Safety - Part 1: General requirements

- [IEC 61672-1:2002](#)

ISO 12239: 2003 cites IEC 61672-1:2002 Electroacoustics - Sound level meters - Part 1: Specifications

- [ISO 209-1:1989](#)

ISO 12239: 2003 cites ISO 209-1:1989 Wrought aluminium and aluminium alloys - Chemical composition and forms of products - Part 1: Chemical composition

- [ISO 7731:1986](#)

ISO 12239: 2003 cites ISO 7731:1986 Danger signals for work places - Auditory danger signals

- [ISO 8201:1987](#)

ISO 12239: 2003 cites ISO 8201:1987 Acoustics - Audible emergency evacuation signal

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