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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

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Abbreviation

BS EN 50130-4:1996

Valid from

15/08/1996

Information provider

British Standards Institution

Author

British Standards Institution

Information type

British Standard

Format

PDF

Cited By

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Description

This standard on immunity requirements applies to the components of alarm systems in and around buildings in residential, commercial, light industrial and industrial environments. It covers intruder alarm systems, hold-up alarm systems, fire detection and fire alarm systems, social alarm systems, CCTV systems for security applications, access control systems for security applications, and alarm transmission systems. The immunity tests in this standard only concern the most critical disturbance phenomena.

Scope

This European Standard on immunity requirements applies to the components of the following alarm systems, intended for use in and around buildings in residential, commercial, light industrial and industrial environments:

- intruder alarm systems;
- hold-up alarm systems;
- fire detection and fire alarm systems;
- social alarm systems;
- CCTV systems, for security applications;
- access control systems, for security applications;
- alarm transmission systems.

The immunity tests in this standard only concern the most critical disturbance phenomena.

This EMC product-family standard does not specify basic safety requirements, such as protection against electrical shocks, unsafe operation, insulation coordination and related dielectric tests.

This standard does not cover EMC emission requirements

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This resource is cited by:

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

This document is CITED BY:

- [BS EN 14604:2005](#)

BS EN 50130-4:1996 is cited by BS EN 14604:2005 Smoke alarm devices

- [ISO 12239: 2003](#)

BS EN 50130-4:1996 is cited by ISO 12239: 2003 Fire detection and fire alarm systems - smoke alarms

- [NZS 4512:2010](#)

BS EN 50130-4:1996 is cited by NZS 4512:2010 Fire detection and alarm systems in buildings

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

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