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I.S. EN 50131-4:2009

Alarm systems - Intrusion and hold-up systems -- Part 4: Warning devices

I.S. EN 50131-4:2009

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ICS 13.320

Supersedes CLC/TS 50131-4:2006

English version

**Alarm systems -
Intrusion and hold-up systems -
Part 4: Warning devices**

Systemes d'alarme -
Systemes d'alarme
contre l'intrusion et les hold-up -
Partie 4: Dispositifs d'avertissement

Alarmanlagen -
Einbruch- und Überfallmeldeanlagen -
Teil 4: Signalgeber

This European Standard was approved by CENELEC on 2009-05-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 79, Alarm systems.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50131-4 on 2009-05-01.

This document supersedes CLC/TS 50131-4:2006.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2010-05-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2012-05-01

EN 50131 will consist of the following parts, under the general title "*Alarm systems – Intrusion and hold-up systems*":

- Part 1 System requirements
- Part 2-2 Intrusion detectors - Passive infrared detectors
- Part 2-3 Requirements for microwave detectors
- Part 2-4 Requirements for combined passive infrared and microwave detectors
- Part 2-5 Requirements for combined passive infrared and ultrasonic detectors
- Part 2-6 Opening contacts (magnetic)
- Part 2-7-1 Intrusion detectors - Glass break detectors (acoustic)
- Part 2-7-2 Intrusion detectors - Glass break detectors (passive)
- Part 2-7-3 Intrusion detectors - Glass break detectors (active)
- Part 3 Control and indicating equipment
- Part 4 Warning devices
- Part 5-3 Requirements for interconnections equipment using radio frequency techniques
- Part 6 Power supplies
- Part 7 Application guidelines
- Part 8 Security fog devices/systems

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1 Scope

This European Standard includes requirements for warning devices used for notification in intrusion and hold up alarm systems installed in buildings. Four grades of warning device are described corresponding to each of the four security grades given in EN 50131-1. Requirements are also given for four environmental classes covering applications in internal and outdoor locations as specified in EN 50130-5.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50130-4:1995, *Alarm systems – Part 4: Electromagnetic compatibility – Product family standard: Immunity requirements for components of fire, intruder and social alarm systems*

A1:1998

A2:2003

EN 50130-5:1998, *Alarm systems – Part 5: Environmental test methods*

EN 50131-1:2006, *Alarm systems – Intrusion and hold-up systems – Part 1: System requirements*

EN 50131-6:2008, *Alarm systems – Intrusion and hold-up systems – Part 6: Power supplies*

EN 60065:2002, *Audio, video and similar electronic apparatus – Safety requirements*
(IEC 60065:2001, mod.)

EN 60068-1:1994, *Environmental testing – Part 1: General and guidance*
(IEC 60068-1:1988 + corrigendum October 1988 + A1:1992)

EN 60068-2-75:1997, *Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests*
(IEC 60068-2-75:1997)

EN 60529:1993 + corrigendum May 1991, *Degrees of protection provided by enclosures (IP codes)*
(IEC 60529:1989)

EN 60950-1:2006, *Information technology equipment – Safety – Part 1: General requirements*
(IEC 60950-1:2005, mod.)

EN 61000-6-3:2007, *Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments*
(IEC 61000-6-3:2006)

EN 61672-1:2003, *Electroacoustics – Sound level meters – Part 1: Specifications* (IEC 61672-1:2002)

EN 62262:2002, *Degrees of protection provided by enclosure for electrical equipment against external mechanical impacts (IK code)* (IEC 62262:2002)

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