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Larmsystem – Inbrottslarmsystem – Del 2-6: Brytande detektorer (magnetkontakter)

*Alarm systems –
Intrusion and hold-up systems –
Part 2-6: Opening contacts (magnetic)*

Som svensk standard gäller europastandarden EN 50131-2-6:2008. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50131-2-6:2008.

Nationellt förord

Tidigare fastställd svensk standard SS 447 06 13-2-6, utgåva 1, 2004, gäller ej fr o m 2011-05-01.

ICS 13.320

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English version

**Alarm systems -
Intrusion and hold-up systems -
Part 2-6: Opening contacts (magnetic)**

Systemes d'alarme -
Systemes d'alarme contre l'intrusion
et les hold-up -
Partie 2-6: Détecteurs d'ouverture
à contacts (magnétiques)

Alarmanlagen -
Einbruch- und Überfallmeldeanlagen -
Teil 2-6: Anforderungen
an Öffnungsmelder
(Magnetkontakte)

This European Standard was approved by CENELEC on 2008-05-01. 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: rue de Stassart 35, B - 1050 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 50131-2-6 on 2008-05-01.

This European Standard supersedes CLC/TS 50131-2-6:2004.

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) 2009-05-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-05-01

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 Intrusion detectors – 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

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Introduction

This European Standard is for opening contacts (magnetic) used as part of intrusion and hold-up alarm systems (I&HAS) installed in buildings. It includes four security grades and four environmental classes.

The purpose of an opening contact (magnetic) is to detect a displacement of a door or window from the defined closed position. The opening contact comprises two separate parts, the active connection between which is at least one magnetic field. Separating the two parts disturbs the connection and produces an intruder signal or message.

The number and scope of these signals or messages will be more comprehensive for systems that are specified at the higher grades.

This European Standard is only concerned with the requirements and tests for opening contacts (magnetic). Other types of detectors are covered by other documents identified in the EN 50131 series and in the EN 50131-2 series.

1 Scope

This European Standard provides for security grades 1 to 4, (see EN 50131-1) specific or non-specific wired or wire-free opening contacts (magnetic), and includes the requirements for four environmental classes covering applications in internal and outdoor locations as specified in EN 50130-5.

A detector shall fulfil all the requirements of the specified grade.

Functions additional to the mandatory functions specified in this European Standard may be included in the detector, providing they do not influence the correct operation of the mandatory functions.

The two separate parts of the opening contact (magnetic) shall be referred to in the body of this European Standard as the detector.

This European Standard does not apply to system interconnections.

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 10130	Cold rolled low carbon steel flat products for cold forming – Technical delivery conditions
EN 50130-4	Alarm systems – Part 4: Electromagnetic compatibility – Product family standard: Immunity requirements for components of fire, intruder and social alarm systems
EN 50130-5	Alarm systems – Part 5: Environmental test methods
EN 50131-1	Alarm systems – Intrusion and hold-up systems – Part 1: System requirements
EN 50131-6	Alarm systems – Intrusion and hold-up systems – Part 6: Power supplies
EN 60068-1	Environmental testing – Part 1: General and guidance (IEC 60068-1)
EN 60068-2-52	Environmental testing – Part 2: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution) (IEC 60068-2-52)
EN 61000-6-3	Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments (IEC 61000-6-3)