National Standards Authority of Ireland

IRISH STANDARD

I.S. CLC/TS 50131-4:2006

ICS 13.310

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
http://www.nsai.ie

Sales
http://www.standards.ie

ALARM SYSTEMS - INTRUSION AND HOLD-UP SYSTEMS -- PART 4: WARNING DEVICES

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on:

22 December 2006

Price Code K

Údarás um Chaighdeáin Náisiúnta na hÉireann

TECHNICAL SPECIFICATION

SPÉCIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

CLC/TS 50131-4

November 2006

ICS 13.310

English version

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

Systèmes d'alarme - Systèmes d'alarme intrusion - Partie 4: Dispositifs d'avertissement

Alarmanlagen - Einbruchmeldeanlagen - Teil 4: Signalgeber

This Technical Specification was approved by CENELEC on 2006-05-25.

CENELEC members are required to announce the existence of this TS in the same way as for an EN and to make the TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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

Ref. No. CLC/TS 50131-4:2006 E

Foreword

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

The text of the draft was submitted to the formal vote and was approved by CENELEC as CLC/TS 50131-4 on 2006-05-25.

The following date was fixed:

– latest date by which the existence of the CLC/TS has to be announced at national level (doa) 2007-03-01

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 Requirements for 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 Requirements for opening contacts (magnetic)

Part 2-7 Intrusion detectors - Glass break detectors acoustic

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

Contents

Figures

Tables

1 Scope

This Technical Specification includes requirements for warning devices used 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 the European standard 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
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	1997	Alarm systems – Intrusion 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 60529 + corr. May	1991 1993	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	2001	Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments (CISPR/IEC 61000-6-3:1996, mod.)
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 codes) (IEC 62262:2002)