



National Standards Authority of Ireland

IRISH STANDARD

I.S.EN 50133-2-1:2001

ICS 13.320

**ALARM SYSTEMS -ACCESS CONTROL
SYSTEMS FOR USE IN SECURITY
APPLICATIONS -
PART 2-1: GENERAL REQUIREMENTS FOR
COMPONENTS**

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English version

Alarm systems - Access control systems for use in security applications Part 2-1: General requirements for components

Systèmes d'alarme - Systèmes de
contrôle d'accès à usage dans les
applications de sécurité
Partie 2-1: Exigences générales
concernant les composants

Alarmanlagen - Zutrittskontrollanlagen für
Sicherungsanwendungen
Teil 2-1: Allgemeine Anforderungen an
Anlageteile

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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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

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Foreword

This European Standard 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 EN 50133-2-1 on 2000-01-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national endorsement (dop) 2001-01-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-01-01

This part 2-1 is to be used in conjunction with EN 50133-1:1996.

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Introduction

This European standard has been established :

- to be a reference for the certification of products belonging to an access control system designed to conform to EN 50133-1.
- to collect in one document all the general requirements for component(s) of an access control system as defined in the diagram shown in EN 50133-1 section 4.2.

This standard may be complemented by other standards dealing with more specific requirements for individual components.

In this standard, the expressions "environmental class" and "equipment class" are used respectively, instead of group and equipment category, which are used in EN 50133-1, in order to be in accordance with EN 50130-5.

The word component has the similar meaning to the word equipment used in EN 50133-1.

1 Scope

This standard provides general requirements for the components for an automated access control system as shown in subclause 4.2. of EN 50133-1.

This standard does not define component functionality as this is detailed in EN 50133-1.

2 Normative references

This standard incorporates, by dated or undated reference, provision from other publications. These normative references are cited at the appropriate place in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN 50102	1995	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
EN 50130-5	1998	Alarm systems - Part 5 : Environmental test methods
EN 50133-1	1996	Alarm systems - Access control systems for use in security applications - Part 1 : System requirements
EN 60529	1991	Degrees of protection provided by enclosures (IP code) (IEC 60529:1989)

3 Definitions

For the purposes of this standard, the definitions listed in EN 50133-1 apply together with the following :

component: Device forming part of the access control system and carrying at least one function described in EN 50133-1.

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