

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

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 50133-2-1:2002 sisaldab Euroopa standardi EN 50133-2-1:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 50133-2-1:2002 consists of the English text of the European standard EN 50133-2-1:2000.</p> <p>This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This standard provides general requirements for the components for an automated Access Control System based upon the EN 50133 as detailed in EN 50133-1 section 4.2. This standard does not define component functionality as this is detailed in EN 50133-1. The manufacturer shall describe the functions embodied within the component(s) submitted for certification and fulfil the appropriate requirements as detailed in EN 50133-1.</p>	<p><b>Scope:</b></p> <p>This standard provides general requirements for the components for an automated Access Control System based upon the EN 50133 as detailed in EN 50133-1 section 4.2. This standard does not define component functionality as this is detailed in EN 50133-1. The manufacturer shall describe the functions embodied within the component(s) submitted for certification and fulfil the appropriate requirements as detailed in EN 50133-1.</p>
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**ICS** 13.320

**Võtmesõnad:** access, alarm systems, buildings, classifications, control, definitions, designation, marking, performance evaluation, safety, tests

**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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**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 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.