



Handläggande organ

Svenska Elektriska Kommissionen, SEK

Fastställd

1998-05-29

Utgåva

1

Sida

1 (1+23)

Ingår i

SEK Översikt 79

Reg 447 06 81

© INNEHÅLLET I SVENSK STANDARD ÄR UPPHOVSRÄTTSLIGT SKYDDAT. SIS HAR COPYRIGHT PÅ SVENSK STANDARD. EFTERTRYCK UTAN TILLSTÅND ÄR FÖRBJUDET.

Larmsystem – System och utrustning för larmöverföring – Del 1-1: Allmänna fordringar på larmöverföringssystem

Alarm systems –

Alarm transmission systems and equipment –

Part 1-1: General requirements for alarm transmission systems

Som svensk standard gäller europastandarden EN 50136-1-1:1998. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50136-1-1:1998.

I en bilaga NA återfinns en engelsk-svensk ordlista och en svensk översättning av definitionerna i avsnitt 4 i standarden.

ICS 13.320

Standarder kan beställas hos SIS som även lämnar allmänna upplysningar om svensk och utländsk standard.
Postadress: SIS, Box 6455, 113 82 STOCKHOLM
Telefon: 08 - 610 30 00. Telefax: 08 - 30 77 57

Upplysningar om **sakinnehållet** i standarden lämnas av SEK.
Telefon: 08 - 444 14 00. Telefax: 08 - 444 14 30

Prisgrupp Q

Tryckt i juli 1998

EUROPEAN STANDARD

EN 50136-1-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 1998

ICS 13.320

Descriptors: Warning systems, transmission, definitions, specifications, performance evaluation, reliability, safety, dependability, protection of information, tests, documents

English version

**Alarm systems - Alarm transmission systems and equipment
Part 1-1: General requirements for alarm transmission systems**

Systèmes d'alarme - Systèmes et
équipements de transmission d'alarme
Partie 1-1: Exigences générales pour
systèmes de transmission d'alarme

Alarmanlagen
Alarmübertragungsanlagen
und -einrichtungen
Teil 1-1: Allgemeine Anforderungen an
Alarmübertragungsanlagen

This European Standard was approved by CENELEC on 1996-12-09. 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.

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

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 50136-1-1 on 1996-12-09.

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) 1998-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2002-08-01

EN 50136 consists of the following parts, under the general title "Alarm systems - Alarm transmission systems and equipment":

- Part 1-1 General requirements for alarm transmission systems
 - Part 1-2 Requirements for systems using dedicated alarm paths
 - Part 1-3 Requirements for systems with digital communicators using the public switched telephone network
 - Part 1-4 Requirements for systems with voice communicators using the public switched telephone network
 - Part 2-1 General requirements for alarm transmission equipment
 - Part 2-2 Requirements for equipment used in systems using dedicated alarm paths
 - Part 2-3 Requirements for equipment used in systems with digital communicators using the public switched telephone network
 - Part 2-4 Requirements for equipment used in systems with voice communicators using the public switched telephone network
 - Part 3 Alarm transmission protocols (in preparation)
 - Part 4 Annunciation equipment (in preparation)
 - Part 5 (free)
 - Part 6 (free)
 - Part 7 Application guidelines (in preparation)
-

Contents

Clause	Page
1 Scope.....	4
2 Normative references.....	4
3 Object	4
4 Definitions	4
5 General considerations	7
6 System requirements	8
7 Verification of performance	14
8 Documentation	17
Figure 1	18
Annex A (informative) - Availability examples	19

1 Scope

This standard specifies the general requirements for the performance, reliability and security characteristics of alarm transmission systems.

It covers the general requirements for connections providing signalling between an alarm system and an alarm receiving centre.

EN 50136 shall apply for transmission of all types of alarms; fire, intrusion, access control social alarm etc. Different types of alarm systems may in addition to alarm messages also send other types of messages, e.g. fault messages and status messages. Also these messages are considered part of alarm transmission. The term alarm is throughout the document used in this broad sense.

Additional requirements for specific types of alarm transmission systems are given in separate parts of this standard. This does not preclude the use of any alarm transmission system not covered by one of these specific parts, provided that it meets these general requirements. It further does not preclude the use of the alarm transmission equipment outside the scope of this document.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places 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 (including amendments).

<u>Publication</u>	<u>Title</u>
EN 50136-2-1	Alarm systems - Alarm transmission systems and equipment Part 2-1: General requirements for alarm transmission equipment

3 Object

The object of this standard is to specify the general requirements for the performance, reliability and security characteristics of alarm transmission systems and to ensure their suitability for use with different types of alarm systems.

