SLOVENSKI STANDARD
SIST EN 50131-1:2007/A2:2017

01-julij-2017

Alarmni sistemi - Sistemi za javljanje vloma in ropa - 1. del: Sistemske zahteve - Dopolnilo A2

Alarm systems - Intrusion and hold-up systems - Part 1: System requirements

Alarmanlagen - Einbruch- und Überfallmeldeanlagen - Teil 1: Systemanforderungen

Systèmes d'alarme - Systèmes d'alarme contre l intrusion et les hold-up - Partie 1: Exigences système

Ta slovenski standard je istoveten z: **EN 50131-1:2006/A2:2017**

ICS:

13.310	Varstvo pred kriminalom	Protection against crime
13.320	Alarmni in opozorilni sistemi	Alarm and warning systems

SIST EN 50131-1:2007/A2:2017 **en,fr**

EUROPEAN STANDARD

NORME EUROPÉENNE

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EN 50131-1:2006/A2

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ICS 13.310

English Version

Alarm systems - Intrusion and hold-up systems - Part 1: System requirements

Systèmes d'alarme - Systèmes d'alarme contre l'intrusion et les hold-up - Partie 1: Exigences système

Alarmanlagen - Einbruch- und Überfallmeldeanlagen - Teil 1: Systemanforderungen

This amendment A2 modifies the European Standard EN 50131-1:2006; it was approved by CENELEC on 2017-02-20. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CEN-CENELEC Management Centre or to any CENELEC member.

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

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European foreword

This document (EN 50131-1:2006/A2:2016) has been prepared by CLC/TC 79, "Alarm systems".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-02-20
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2020-02-20

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

2 Normative references

Delete *the 1st and 2nd references (which are now part of the final Bibliography).*

Replace *the 3rd reference by the following:*

EN 50130-5	-	*Alarm systems — Part 5: Environmental test methods*

Replace *the 4th reference by the following:*

EN 50131-6	-	*Alarm systems — Intrusion and hold-up systems — Part 6: Power supplies*

Replace *the 5th reference by the following:*

EN 50136-1	2012	*Alarm systems — Alarm transmission systems and equipment — Part 1: General requirements for alarm transmission systems*

Delete *the 6th, 8th and 9th references (which are now part of the final Bibliography).*

3 Definitions and abbreviations

3.1 Definitions

Replace *definition 3.1.42 by the following:*

3.1.42
masked
condition whereby a detector cannot function as intended as a result of its means of detection being compromised

EXAMPLE The field of view of a movement detector is obscured.

Note 1 to entry: For the purpose of this standard the terms "masked" and "masking" are considered interchangeable.

Replace *definition 3.1.46 by the following:*

physical interconnection conveying information pertaining to an I&HAS and one or more other applications

Add *the following notes in definition 3.1.55:*

Note 1 to entry: The prime power source may be internal to the I&HAS and have finite capacity (e.g. Type C PS).

Note 2 to entry: EN 50131-6 uses the term External Power Source to describe the input to a power supply.

In definition 3.1.61, ***replace*** "(see CLC/TS 50131-7, F.5)" *with* "(see CLC/TS 50131-7:2010, G.5)".

Replace *definition* 3.1.63 by:

specific wired interconnection
physical interconnection conveying information pertaining to only one I&HAS

Replace *definition 3.1.69 by:*

supervised premises transceiver
alarm transmission equipment at the supervised premises, including the interface to the I&HAS

Replace *definition 3.1.77 by the following:*

3.1.77
alarm transmission path
route an ATS alarm message travels between an individual I&HAS and the annunciation equipment at its associated ARC

Note 1 to entry: The ATP starts at the interface between AS and SPT and ends at the interface between RCT and AE. For notification and surveillance purposes the reverse direction may also be used.

***Replace** the NOTE in definition 3.1.84 by:*

Note 1 to entry: Although a zone could contain just one detector, the term “zone” is not synonymous with one detector input. A zone is any defined part of the I&HAS. It may include any number of detectors. Examples of zones include: a storey of a building; the perimeter of a building; an outbuilding.

***Add** the following terms and definitions (in alphabetical order when inserted into standard):*

3.1.85
alarm transmission system fault
fault that occurs when all ATPs are not available

3.1.86
logical key
information used by an authorized user to gain access to restricted functions or parts of a I&HAS

EXAMPLE PIN code or information held on a magnetic card or similar, biometric key.

3.1.87
mechanical key
implement relying solely on physical shape to determine its uniqueness, used by an authorized user to gain access to restricted functions or parts of a I&HAS

3.1.88
ancillary control equipment – Type A
ancillary control equipment where access to internal elements resulting from damage to the housing could not enable the status of any part of the I&HAS to be changed or prevent the initiation of mandatory notification

EXAMPLE Potted device.

Note 1 to entry: See EN 50131-3:2009, 8.7 which describes two types of ACE.

3.2 Abbreviations

***Add** the following abbreviations between ACE and ATS:*

AE - annunciation equipment

ATP - alarm transmission path

***Add** the following abbreviation between PS and SPT:*

RCT - receiving centre transceiver

6 Security grading

***Delete** 1st “the” in NOTE 2.*

8.1.4 Recognition of faults – Table 1

***Amend** Table 1, **insert** row:*

Alarm transmission path[a]	Op	Op	Op	Op

***Replace** text to [a] by:*

[a] EN 50136-1:2012, Table 5 optionally allows for reporting of ATP failure to the CIE. If the SPT and CIE are configured to provide and process this fault signal or message then it shall be recognized.

8.2.1 Masking

Replace *by:*

In grades 3 & 4 I&HAS if the detection mechanism employed in a detector includes technology that would allow the detector to be masked, means shall be provided to detect masking, or the detector shall be immune to masking.

NOTE Examples of such detectors include movement detectors, shock detectors and glass break detectors.

8.3.1 Access levels

Amend *3rd paragraph item b) 1):*

Delete *"to be given access at level 3"*

Replace *the 4th paragraph by:*

Access at level 4 shall be prevented until access has been permitted by a user with level 2 access and authorised by a user with level 3 access.

Add *below 4th paragraph:*

Access at levels 2, 3 & 4 may be achieved remotely providing authorisation, equivalent to that specified in Table 3, is achieved.

8.3.2 Authorisation – Table 3

Delete *the note.*

8.3.5 Prevention of setting

Replace *by:*

Setting of an I&HAS or part thereof shall be prevented when one or more of the conditions shown in Table 4, applicable to the I&HAS or part thereof being set, is present, unless overridden as permitted in 8.3.6.

Amend *Table 4, row 3, "Movement detector masked":* ***delete*** "Movement".

Add *row to Table 4 just under the row dedicated to Alternative power source fault:*

Alarm transmission path fault	Op	Op	Op	Op

8.3.6 Overriding prevention of setting – Table 5

Amend *Table 5, row 4, Movement detector masked:* ***delete*** "Movement".

Add *row:*

Alarm transmission path fault	Access level 2	Access level 2	Access level 2	Access level 2

8.3.9 Restoring – Table 6

Amend *row 6,* "ATS fault"*:* ***add*** "ATP or".

8.3.12 Test

Add *a 2nd paragraph:*

At grades 3 and 4 indications for test purposes (e.g. on detectors) are not permitted at access level 1.