



SLOVENSKI STANDARD
SIST EN 50131-2-7-2:2012/A1:2014
01-februar-2014

Alarmni sistemi - Sistemi za javljanje vloma in ropa - 2-7-2. del: Zahteve za javljalnike vloma - Javljalniki loma stekla (pasivni) - Dopolnilo A1

Alarm systems - Intrusion and hold-up systems -- Part 2-7-2: Intrusion detectors - Glass break detectors (passive)

Alarmanlagen - Einbruch- und Überfallmeldeanlagen -- Teil 2-7-2: Einbruchmelder - Glasbruchmelder (Passiv)

Systèmes d'alarme - Systèmes d'alarme contre l'intrusion et les hold-up -- Partie 2-7-2: Détecteurs d'intrusion - Détecteurs bris de glace (passifs)

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Ta slovenski standard je istoveten z: EN 50131-2-7-2:2012/A1:2013

ICS:

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

SIST EN 50131-2-7-2:2012/A1:2014 **en,fr**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 50131-2-7-2/A1

December 2013

ICS 13.320

English version

**Alarm systems -
Intrusion and hold-up systems -
Part 2-7-2: Intrusion detectors -
Glass break detectors (passive)**

Systèmes d'alarme -
Systèmes d'alarme contre l'intrusion et les
hold-up -
Partie 2-7-2: Détecteurs d'intrusion -
Détecteurs bris de glace (passifs)

Alarmanlagen -
Einbruch- und Überfallmeldeanlagen -
Teil 2-7-2: Einbruchmelder -
Glasbruchmelder (Passiv)

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This amendment A1 modifies the European Standard EN 50131-2-7-2:2012; it was approved by CENELEC on 2013-10-14. 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.

This amendment 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 CEN-CENELEC Management Centre has the same status as the official versions.

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CENELEC

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels

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Foreword

This document (EN 50131-2-7-2:2012/A1:2013) 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) 2014-10-14
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2016-10-14

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1 Modification to 4.1 Event Processing

Replace Table 1 by the following:

Table 1 — Events to be processed by Grade

Event	Grade			
	1	2	3	4
Intrusion	M	M	M	M
No Stimulus ^a	M	M	M	M
Masking	Op	Op	M	M
Tamper	Op	M	M	M
Low Supply Voltage – wire free devices	M	M	M	M
Low Supply Voltage – wired devices	Op	Op	Op	M
Total loss of power supply ^b	Op	M	M	M
Local Self Test ^c	Op	Op	M	M
Remote Self Test	Op	Op	Op	M
M = Mandatory Op = Optional				
<p>^a 'No Stimulus' is considered to be the quiet condition, while no alarm generating stimulus for a detector at that time applies to the detector input capabilities</p> <p>^b Mandatory for wire-free at all grades. Only required if power is for normal local operation, e.g. purely switch based solutions do not fall under this requirement; however if signal processing (except if it is the CIE itself) is required to process the output of the sensor, such an event shall be generated alternatively no generation of a message or signal is required when the condition is detected by the CIE due to system design</p> <p>^c Mandatory for all grade 4 devices. For grade 3 devices, only required in case of MCU based solutions based on Software / Firmware sensor input analysis and signal processing.</p>				

2 Modification to 4.5.3 Detection of masking

Delete NOTE 1 and its corresponding text.

Replace "NOTE 2" by "NOTE".

3 Modification to 6.7.3 Immunity to Soft objects hitting the glass

Replace the third paragraph by the following:

The connection between the steel ball and the upper most point of the pendulum is a cotton string with a diameter of < 3 mm. Each test will consist of one hit, without repeated bouncing.

4 Modification to 6.7.4 Immunity to Hard objects hitting the glass

Replace the third paragraph by the following:

The connection between the steel ball and the upper most point of the pendulum is a cotton string with a diameter of < 3 mm. Each test will consist of one hit, without repeated bouncing.

5 Modification to 6.7.5 Immunity to Static pressure

*In the second paragraph, first indented line, **replace** “Power with pressure object (F):” by “Force with pressure object (F):”.*

6 Modification to 6.7.6 Immunity to Dynamic pressure

*In the second paragraph, first indented line, **replace** “Power with pressure object (F):” by “Force with pressure object (F):”.*

7 Modification to 6.9.3 Slow input voltage change and input voltage range limits

***Replace** the two last paragraphs by the following:*

For detectors of the grade dependent requirements according to Table 1, lower the supply voltage at a rate of $0,1 \text{ Vs}^{-1}$ in steps of not more than 10 mV until a fault signal or message is generated. Carry out the basic detection test.

Pass/Fail Criteria: For detectors of the grade dependent requirements according to Table 1, the detector shall generate a fault signal or message according to the requirements of Table 2 prior to the situation where no intrusion signal or message is generated when the basic detection test is carried out.

8 Modification to 6.9.6 Total loss of power supply

***Replace** the last paragraph by the following:*

Pass/Fail Criteria: The detector shall generate either signals or messages according to the requirements of Table 2. Alternatively, total loss of power supply may be determined by loss of communication with the detector by the CIE.

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