SLOVENSKI STANDARD
SIST EN 50130-4:2011/A1:2014

01-december-2014

Alarmni sistemi - 4. del: Elektromagnetna združljivost - Standard za varnost proizvodov - Zahteve za odpornost sestavnih komponent požarnih, vlomnih, nadzornih in socialnih alarmnih sistemov - Dopolnilo A1

Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems

Alarmanlagen - Teil 4: Elektromagnetische Verträglichkeit - Produktfamiliennorm: Anforderungen an die Störfestigkeit von Anlageteilen für Brandmeldeanlagen, Einbruch- und Überfallmeldeanlagen, Video-Überwachungsanlagen, Zutrittskontrollanlagen sowie Personen-Hilferufanlagen

Systèmes d'alarme - Partie 4: Compatibilité électromagnétique - Norme de famille de produits: Exigences relatives à l'immunité des composants des systèmes d'alarme de détection d'incendie, contre l'intrusion, contre les hold-up, CCTV, de contrôle d'accès et d'alarme sociale

Ta slovenski standard je istoveten z: **EN 50130-4:2011/A1:2014**

ICS:

13.320	Alarmni in opozorilni sistemi	Alarm and warning systems
33.100.20	Imunost	Immunity

SIST EN 50130-4:2011/A1:2014 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50130-4:2011/A1

October 2014

ICS 13.320; 29.020

English Version

Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems

Systèmes d'alarme - Partie 4: Compatibilité électromagnétique - Norme de famille de produits: Exigences relatives à l'immunité des composants des systèmes d'alarme de détection d'incendie, contre l'intrusion, contre les hold-up, CCTV, de contrôle d'accès et d'alarme sociale

Alarmanlagen - Teil 4: Elektromagnetische Verträglichkeit - Produktfamiliennorm: Anforderungen an die Störfestigkeit von Anlageteilen für Brandmeldeanlagen, Einbruch- und Überfallmeldeanlagen, Video-Überwachungsanlagen, Zutrittskontrollanlagen sowie Personen-Hilferufanlagen

This amendment A1 modifies the European Standard EN 50130-4:2011; it was approved by CENELEC on 2014-08-11. 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

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Foreword

This document (EN 50130-4:2011/A1 2014) 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) 2015-08-11
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2017-08-11

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.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

6 Functional test

Replace *the first bullet with:*

– where a relevant European product performance standard (EN) exists, which defines a suitable functional test for assessing the performance of the EUT before and after environmental or EMC tests (e.g. EN 54 series for fire alarm systems, EN 50131 series for intruder alarm systems), the functional test to be applied and its acceptance criteria shall be as defined in that standard;

Replace *the first sentence in the second bullet with:*

– where no relevant European product performance standard (EN) exists or in the absence of a functional test(s) being prescribed in the relevant performance standard (EN), the functional test(s) shall be at least a test or measurement of the main function(s) of the equipment.

8 Mains supply voltage dips and short interruptions

In 8.3.4, in the paragraph after Table 2, ***add*** *the following sentence:*

Signalling a mains fault during the 100 % voltage reduction test is permitted.

10.2 Principle

Delete *the following words in the third sentence:*

and other devices which monitor external environmental signals (e.g. motion of objects or flickering of flames) which typically occur at frequencies of less than 10 Hz,

Add *the following sentence at the end of the paragraph:*

Devices other than those mentioned may, in future amendments, also be required to be exposed to pulse modulation should they prove also to be susceptible to pulsed or switched signals.

11.2 Principle

Delete *the following words in the third sentence:*

and other devices which monitor external environmental signals (e.g. motion of objects or flickering of flames) which typically occur at frequencies of less than 10 Hz,

Add *the following sentence at the end of the paragraph:*

Devices other than those mentioned may, in future amendments, also be required to be exposed to pulse modulation should they prove also to be susceptible to pulsed or switched signals.

11.3.3 State of specimen during conditioning

Replace *the second paragraph with the following text:*

The system and cables for test shall be arranged according the base standard EN 61000-4-6. Where there is insufficient space for all of the CDNs or decoupling networks to be within 300 mm of the EUT, then some of the CDNs or decoupling networks, not being injected, may be placed more than 300 mm from the EUT, but shall be as close as possible.