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NEN-EN 50131-13

Alarm systems - Intrusion and hold-up systems - Part 13: Security Pyrotechnic Obscuration Devices

Publicatie uitsluitend voor commentaar

Alarmsystemen - Inbraak- en overvalsystemen - Deel 13: Pyrotechnische mistgeneratoren voor beveiligingstoepassingen

oktober 2018
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Commentaar vóór 2018-11-14

Als Europees normontwerp is gepubliceerd: prEN 50131-13:2018,IDT

Definitief vastgestelde normen zullen als Nederlandse norm gelden. Daarom wordt dit normontwerp in Nederland voor commentaar gepubliceerd. Op het ontwerp ingebracht commentaar zal aan de bevoegde normcommissie worden voorgelegd die hiermee rekening zal houden bij de bepaling van de Nederlandse stem. Indien er geen bezwaar bij NEN wordt gebracht, kan dat leiden tot ongewijzigde definitieve vaststelling van het ontwerp als norm.

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Koninklijk Nederlands Elektrotechnisch Comité
Normcommissie 363079 'Alarmsystemen (NEC 79)'

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EUROPEAN STANDARD

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English Version

Alarm systems - Intrusion and hold-up systems - Part 13: Security Pyrotechnic Obscuration Devices

Systèmes d'alarme - Systèmes d'alarme contre l'intrusion et les hold-up - Partie 13: Dispositifs de sécurité pyrotechniques à pouvoir opacifiant

To be completed

This draft European Standard is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2018-12-14.

It has been drawn up by CLC/TC 79.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CENELEC in three official versions (English, French, German).
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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (prEN 50131-13:2018) has been prepared by CLC/TC 79, "Alarm systems".

This document is currently submitted to the Enquiry.

The following dates are proposed:

• latest date by which the existence of this document has to be announced at national level	(doa)	dor + 6 months
• latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	dor + 12 months
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	dor + 36 months (to be confirmed or modified when voting)

The series EN/TS 50131 will consist of the following parts, under the general title "*Alarm systems – Intrusion and hold-up systems*":

Part 1	System requirements
Part 2-2	Intrusion detectors – Passive infrared detectors
Part 2-3	Requirements for microwave detectors
Part 2-4	Requirements for combined passive infrared and microwave detectors
Part 2-5	Requirements for combined passive infrared and ultrasonic detectors
Part 2-6	Opening contacts (magnetic)
Part 2-7-1	Intrusion detectors – Glass break detectors (acoustic)
Part 2-7-2	Intrusion detectors – Glass break detectors (passive)
Part 2-7-3	Intrusion detectors – Glass break detectors (active)
Part 3	Control and indicating equipment
Part 4	Warning devices
Part 5-3	Requirements for interconnections equipment using radio frequency techniques
Part 6	Power supplies
Part 7	Application guidelines
Part 8	Security fog devices/systems
Part 13	Security Pyrotechnic Obscuration Device

Introduction

This European Standard applies to a security Pyrotechnic obscuration security device that is part of an Intruder and Hold-up Alarm System (I&HAS) and is used both as a security deterrent device for building security and as a crime reduction device for the protection of people.

This European Standard is intended to define the requirements of a security Pyrotechnic Obscuration Security Device.

The purpose of a security pyrotechnic obscuration security device is to reduce the visibility in a protected area by the use of a non-toxic pyro obscuration system in order to form a barrier between the criminal and the criminal's intended target.

This European Standard has been designed to be flexible enough to encourage and encompass future developments in the field of security obscuration device.

1 Scope

This document specifies the requirements for pyrotechnic obscuration security devices as a part of an I&HAS. It covers application and performance and also specifies the necessary tests and trials to ensure efficiency and reliability of such obscuration devices.

This European Standard is not intended to cover standalone or vehicular security pyrotechnic obscuration security device.

This European Standard also gives guidelines on the criteria for design, installation, operation and maintenance of security pyrotechnic obscuration security device.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 16263-3, *Pyrotechnic articles — Other pyrotechnic articles — Part 3: Categories and types*

EN 50130-4, *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*

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

EN 50131-1:2006, *Alarm systems — Intrusion and hold-up systems — Part 1: System requirements*

EN 50131-5-3, *Alarm systems — Intrusion systems — Part 5-3: Requirements for interconnections equipment using radio frequency techniques*

EN 50131-6:2017, *Alarm systems — Intrusion and hold-up systems — Part 6: Power supplies*

CLC/TS 50131-7, *Alarm systems — Intrusion and hold-up systems — Part 7: Application guidelines*

EN 60065, *Audio, video and similar electronic apparatus — Safety requirements (IEC 60065)*

EN 60068-2-75, *Environmental testing — Part 2-75: Tests — Test Eh: Hammer tests (IEC 60068-2-75)*

EN 60529, *Degrees of protection provided by enclosures (IP Code) (IEC 60529)*

EN 60730 (series), *Automatic electrical controls for household and similar use*

EN 60950-1, *Information technology equipment — Safety — Part 1: General requirements (IEC 60950-1)*

EN 61508 (series), *Functional safety of electrical/electronic/programmable electronic safety-related systems*

EN 61000-6-3, *Electromagnetic compatibility (EMC) — Part 6-3: Generic standards — Emission standard for residential, commercial and light-industrial environments (IEC 61000-6-3)*

EN 62262, *Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) (IEC 62262)*

EN 62368-1, *Audio/video, information and communication technology equipment — Part 1: Safety requirements (IEC 62368-1)*

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