**NSAI**
Standards

Irish Standard Recommendation
S.R. CLC/TS 50131-12:2016

# Alarm systems - Intrusion and hold-up systems - Part 12: Methods and requirements for setting and unsetting of Intruder Alarm Systems (IAS)

**S.R. CLC/TS 50131-12:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

| *This document is based on:* | *Published:* |
|---|---|
| CLC/TS 50131-12:2016 | 2016-11-04 |

| *This document was published* under the authority of the NSAI and comes into effect on:<br><br>2016-11-22 | ICS number:<br><br>13.320<br><br>NOTE: If blank see CEN/CENELEC cover page |
|---|---|

## National Foreword

S.R. CLC/TS 50131-12:2016 is the adopted Irish version of the European Document CLC/TS 50131-12:2016, Alarm systems - Intrusion and hold-up systems - Part 12: Methods and requirements for setting and unsetting of Intruder Alarm Systems (IAS)

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

**Compliance with this document does not of itself confer immunity from legal obligations.**

> *In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

This page is intentionally left blank

**S.R. CLC/TS 50131-12:2016**

TECHNICAL SPECIFICATION

SPÉCIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

# CLC/TS 50131-12

November 2016

ICS 13.320

English Version

# Alarm systems - Intrusion and hold-up systems - Part 12: Methods and requirements for setting and unsetting of Intruder Alarm Systems (IAS)

To be completed

Alarmanlagen - Einbruch- und Überfallmeldeanlagen - Teil 12: Methoden und Anforderungen zur Scharf- und Unscharfschaltung von Einbruchmeldeanlagen (EMA)

This Technical Specification was approved by CENELEC on 2016-07-25.

CENELEC members are required to announce the existence of this TS in the same way as for an EN and to make the TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

**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**

Ref. No. CLC/TS 50131-12:2016 E

CLC/TS 50131-12:2016 (E)

# Contents

Page

# European foreword

This document (CLC/TS 50131-12:2016) has been prepared by CLC/TC 79 "Alarm systems*"*.

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.

# Introduction

Unwanted alarms have been a significant problem for response authorities throughout Europe. A significant proportion of these are attributed to "operator error" during the entry and exit procedures. Recommendations are therefore made for the selection of methods of setting and unsetting an Intrusion Alarm System (IAS) that will minimize such errors.

# 1 Scope

This Technical Specification provides recommendations for those methods of setting and unsetting an Intrusion Alarm System (IAS) complying with EN 50131-1 that will reduce unwanted alarms arising from "operator error" in setting and unsetting the IAS and provide confidence that the conditions in which the system is installed are conducive to system reliability during the "set" period.

This document details optional methods by which these goals may be achieved, either in isolation, or in conjunction with verification methods.

These recommendations should be incorporated into the respective standards in the EN 50131 series.

This Technical Specification also provides (in Annex A) recommendations for equipment and (in Annex C) associated test requirements, in order to permit the manufacture of standardized equipment to provide the functionality needed by an IAS to meet these recommendations.

NOTE   This standard includes requirements that are additional to those in EN 50131-1 which are relevant when the respective method of setting and unsetting is implemented.

# 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

CLC/TS 50131-2-10:2014, *Alarm systems — Intrusion and hold-up systems — Part 2-10: Intrusion detectors — Lock state contacts (magnetic)*

EN 50131-3:2009, *Alarm systems — Intrusion and hold-up systems — Part 3: Control and indicating equipment*

FprEN 50131-5-3:2016, *Alarm systems — Intrusion systems — Part 5-3: Requirements for interconnections equipment using radio frequency techniques*

CLC/TS 50131-9:2014, *Alarm systems — Intrusion and hold-up systems — Part 9: Alarm verification — Methods and principles*

# 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

**3.1**
**unverified alarm**
intruder or hold-up alarm that has not yet been sequentially, visually or audibly verified

[SOURCE: CLC/TS 50131-9: 2014, 3.1.14]

**3.2**
**verified alarm**
alarm considered genuine as a result of the use of alarm verification

[SOURCE: CLC/TS 50131-9: 2014, 3.1.16]

**3.3**
**lock state monitoring device**
apparatus which monitors the bolt position of a locking device, e.g. a bolt contact or a lock state contact as described in CLC/TS 50131-2-10