

Irish Standard I.S. EN 50398-1:2017

Alarm systems - Combined and integrated alarm systems - Part 1: General requirements

© CENELEC 2017 No copying without NSAI permission except as permitted by copyright law.

#### I.S. EN 50398-1:2017

2017-09-05

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:

EN 50398-1:2017 2017-08-18

This document was published ICS number:

under the authority of the NSAI and comes into effect on: 13.320

NOTE: If blank see CEN/CENELEC cover page

NSAI T +353 1 807 3800 Sales:

 1 Swift Square,
 F +353 1 807 3838
 T +353 1 857 6730

 Northwood, Santry
 E standards@nsai.ie
 F +353 1 857 6729

 Dublin 9
 W NSAI.ie
 W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

### **National Foreword**

I.S. EN 50398-1:2017 is the adopted Irish version of the European Document EN 50398-1:2017, Alarm systems - Combined and integrated alarm systems - Part 1: General requirements

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

For relationships with other publications refer to the NSAI web store.

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 is a free page sample. Access the full version online.

This page is intentionally left blank

This is a free page sample. Access the full version online. I.S. EN 50398-1:2017

**EUROPEAN STANDARD** 

EN 50398-1

NORME EUROPÉENNE

**EUROPÄISCHE NORM** 

August 2017

ICS 13.320

Supersedes CLC/TS 50398:2009 (PART)

#### **English Version**

# Alarm systems - Combined and integrated alarm systems - Part 1: General requirements

Systèmes d'alarme - Systèmes d'alarme combinés et intégrés - Partie 1: Exigences générales

Alarmanlagen - Kombinierte und integrierte Alarmanlagen - Teil 1: Allgemeine Anforderungen

This European Standard was approved by CENELEC on 2017-07-11. 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.

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 European Standard 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.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

## EN 50398-1:2017 (E)

<b>Contents</b> Page					
Eur	opean foreword	3			
Intr	oduction	4			
1	Scope	5			
2	Normative references	5			
3	Terms, definitions and abbreviations	5			
3.1	Terms and definitions	5			
3.2	Abbreviations	8			
4	General description and fundamental principles	8			
4.1	General	8			
4.2	Standards	8			
4.3	Contractual responsibility	9			
4.4	Stages of work	9			
4.5	Integrity Types for common facilities	11			
5	System requirements and compatibility assessment	13			
5.1	General design	13			
5.2	Access levels	13			
5.3	Common facility for control	14			
5.4	Common facility for indication	14			
5.5	Integrity in alarm standard-required processing elements	15			
5.6	Connection to alarm transmission system	15			
5.7	Interconnection	15			
5.8	Power supplies	16			
5.9	Timing requirements	16			
5.10	Simultaneous occurrence of events	16			
5.11	System supervision	16			
5.12	2 System log book	16			
5.13	Central Control Facilities (CCF) for integrated alarm systems	16			
Bib	liography	18			
Figu	ures				
Figu	ure 1 — Type 1 Integration	12			
Figu	ure 2 — Type 2 Integration	12			
Figu	ure 3 — Type 3 Integration	12			
Figu	Figure 4 — Type 4 Integration				



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation