

Alarm systems - Social alarm systems - Part 3: Local unit and controller

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English version

**Alarm systems -
Social alarm systems -
Part 3: Local unit and controller**

Systèmes d'alarme -
Systèmes d'alarme sociale -
Partie 3: Unité locale et contrôleur

Alarmanlagen -
Personen-Hilferufanlagen -
Teil 3: Ortliche Zentrale und
Übertragungsgerät

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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 50134-3:2012) 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) 2013-03-12
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2015-03-12

This document supersedes EN 50134-3:2001.

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The EN/TS 50134 series will consist of the following parts, under the general title "Alarm systems - Social alarm systems":

- Part 1: System requirements,
 - Part 2: Trigger devices,
 - Part 3: Local unit and controller,
 - Part 4 (free),
 - Part 5: Interconnections and communications,
 - Part 6 (free),
 - Part 7: Application guidelines.
-

Introduction

This standard specifies the minimum requirements for the local unit and controller to ensure this system part provides the functionality and reliability required by a social alarm system.

The design should also take into consideration situations where the user may be unable to send an alarm, or where an unwanted alarm may be sent, due to technical malfunctions or poor ergonomic design.

1 Scope

This European Standard specifies the minimum requirements and tests for local units and controllers forming part of a social alarm system.

This European Standard applies to local units and controllers that receive an alarm triggering signal from manually or automatically activated trigger devices and convert this into an alarm signal for transmission to the alarm receiving centre or an alarm recipient.

The local unit and controller may be either separate units or integrated into one unit.

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 50130-4	2011	<i>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</i>
EN 50130-5	2011	<i>Alarm systems — Part 5: Environmental test methods</i>
EN 50134-2		<i>Alarm systems — Social alarm systems — Part 2: Trigger devices</i>
EN 60529 + corr. May + A1	1991 1993 2000	<i>Degrees of protection provided by enclosures (IP Code)</i> (IEC 60529:1989) (IEC 60529:1989/A1:1999)
EN 60068-1	1994	<i>Environmental testing — Part 1: General and guidance</i> (IEC 60068-1:1988 + A1:1992 + corrigendum Oct. 1988)
EN ISO 3741		<i>Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Precision methods for reverberation test rooms (ISO 3741)</i>
ETSI EN 300 220-1		<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods</i>
ETSI EN 300 440-1		<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods</i>
ETSI EN 301 406		<i>Digital Enhanced Cordless Telecommunications (DECT); Harmonized EN for Digital Enhanced Cordless Telecommunications (DECT) covering the essential requirements under article 3.2 of the R&TTE Directive; Generic radio</i>

3 Terms and definitions

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