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ALARM SYSTEMS - ALARM TRANSMISSION SYSTEMS AND EQUIPMENT

PART 4: ANNUNCIATION EQUIPMENT USED IN ALARM RECEIVING CENTRES

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Systèmes d'alarme – Systèmes et équipements de transmission d'alarme Partie 4: Equipements d'annonce

Alarmanlagen – Alarmübertragungsanlagen und -einrichtungen Teil 4: Anzeige- und Bedieneinrichtung

This Technical Specification was approved by CENELEC on 2003-05-31.

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.

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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 Technical Specification was prepared by the Technical Committee CENELEC TC 79, Alarm systems.

The text of the draft was submitted to the formal vote and was approved by CENELEC as CLC/TS 50136-4 on 2003-05-31.

The following date was fixed:

- latest date by which the existence of the CLC/TS has to be announced at national level (doa) 2004-04-08

EN 50136 will consist of the following parts, under the general title “Alarm systems - Alarm transmission systems and equipment”:

- Part 1-1 General requirements for alarm transmission systems
- Part 1-2 Requirements for systems using dedicated alarm paths
- Part 1-3 Requirements for systems with digital communicators using the public switched telephone network
- Part 1-4 Requirements for systems with voice communicators using the public switched telephone network
- Part 2-1 General requirements for alarm transmission equipment
- Part 2-2 Requirements for equipment used in systems using dedicated alarm paths
- Part 2-3 Requirements for equipment used in systems with digital communicators using the public switched telephone network
- Part 2-4 Requirements for equipment used in systems with voice communicators using the public switched telephone network
- Part 3 (Free)
- Part 4 [1)] Annunciation equipment used in alarm receiving centres
- Part 5 (Free)
- Part 6 (Free)
- Part 7 [1)] Application guidelines

[1)] This part is published as a Technical Specification.

Contents

Introduction

This Technical Specification describes the requirements for annunciation equipment used in alarm receiving centres.

It does not cover the operation (e.g. organisation, manning, construction of the building) of an alarm receiving centre.

The Technical Specification defines how messages, presented to the annunciation equipment by the receiving centre transceiver, should be secured.

The requirements of this specification apply to all messages received from an alarm transmission system used for fire alarm systems and any alarm system within the scope of CENELEC TC 79 (e.g. intruder systems and social alarm systems and access control systems and CCTV systems communicating with alarm receiving centres).

1 Scope

This Technical Specification specifies the requirements and test procedures for annunciation equipment located in an alarm receiving centre.

The annunciation equipment may be made up of one or more items of apparatus connected together (e.g. computers, electronic cards in separate housings, displays, keypads, printers, etc). The combination of the different apparatus is considered as one item of annunciation equipment which shall conform to the requirements of this specification.

NOTE These requirements do not apply to annunciation equipment, made up of more than one piece of apparatus, when one or more parts of the annunciation equipment are outside the alarm receiving centre at which message acceptance will be performed.

2 Normative references

This Technical Specification incorporates by dated or undated references, provisions from other publications. These normative references are cited at the appropriate place in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this Technical Specification only when incorporated in it by an amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN 50130-4	Alarm systems – Part 4: Electromagnetic compatibility – Product family standard: Immunity requirements for components of fire, intruder and social alarm systems
EN 50130-5	Part 5: Environmental test methods
EN 50134-1	Alarm systems – Social alarm systems – Part 1: System requirements
EN 50136-1-1	Alarm systems – Alarm transmission systems and equipment – Part 1-1: General requirements for alarm transmission systems
EN 60065	Audio, video and similar apparatus – Safety requirements (IEC 60065, mod)
EN 60073	Basic and safety principles for man-machine interface, marking and identification – Coding principles for indicators and actuators (IEC 60073)
EN 60950	Information technology equipment – Safety (IEC 60950, mod)
EN 61000-6-1	Electromagnetic compatibility (EMC) – Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments (IEC 61000-6-1:1997, mod)
EN 61000-6-3	Electromagnetic compatibility (EMC) – Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments (IEC 61000-6-3:1996, mod)