

English version

**List of interpretations on published standards
on "Alarm Systems"**

Liste d'interprétations
sur les normes publiées
sur les "Systèmes d'alarme"

Liste von Interpretationen
auf herausgegebenen Standards
auf "Alarmanlagen"

This Technical Report was approved by CENELEC on 2008-07-04.

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CENELEC

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Foreword

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

The text of the draft was submitted to vote in accordance with the Internal Regulations, Part 2, Subclause 11.4.3.3 (simple majority) and was approved by CENELEC as CLC/TR 50515 on 2008-07-24.

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1 Scope

This is a list of interpretations to currently published standards.

2 List of interpretations

2.1 EN 50131-1:1997 “Alarm systems – Intrusion systems – Part 1: General requirements”

2.1.1 Subclause 8.7.1

2.1.1.1 Question

In the 1st paragraph of 8.7.1, it is expressed that the system components shall provide means to prevent access to internal elements in general and that tamper protection depends on the grade of IAS and whether the system components are located within or outside the supervised area.

In the 2nd paragraph of 8.7.1, it is stated that system components of IAS located external to the supervised premises shall have means of tamper protection and detection. The question is, if (all) the system components within the supervised area need a certain tamper protection?

2.1.1.2 CLC/TC 79 response

The 4th paragraph of 8.7.1 requires housings of all systems components as no limitations or grading requirements are included) to be “sufficiently to prevent undetected access without visible damage”. Individual component standards should include requirements appropriate to the type of equipment.

2.1.2 Subclause 8.7.2, Table 7

2.1.2.1 Question

In contradiction to the requirements of the 2nd paragraph of 8.7.1, in Table 7 in all grades tamper protection is required mandatory without any dependability on the situation of the components.

2.1.2.2 CLC/TC 79 response

The reference to “detection” in the 2nd paragraph of 8.7.1 is an error. The reference should be deleted as requirements for “Tamper detection” are specified in 8.7.2.

2.1.3 Subclause 8.3.1, level 3

2.1.3.1 Question

Not only devices, which are generally, termed control and indicating equipment (CIE) but also detectors contain configurable elements, which are matched to the system (Table 1, penultimate row).

It can be concluded that, at the least, all movements detectors with configurable sensitivity or a variable angle of detection must be provided with access restrictions. Is this correct ?

2.1.3.2 CLC/TC 79 response

The requirements included in 8.3.1, level 3 were intended to apply to access to functions/controls as specified in Table 1. When a system component includes the facilities described in Table 1 the requirements of 8.3.1 shall be achieved. Access to configurable adjustable elements of system components e.g. detectors, are addressed by the requirements relating to tamper security (EN 50131-1, 8.7). Normal access to these elements would require the tamper detection function to be inhibited/isolated, which would require authorisation as specified in 8.3.6 and 8.3.7.