

English version

**Alarm systems -
Intrusion and hold-up systems -
Part 11: Hold-up devices**

Systèmes d'alarme -
Systèmes d'alarme contre l'intrusion et les
hold-up -
Partie 11: Exigences pour bouton anti-
agression

Alarmanlagen -
Einbruch- und Überfallmeldeanlagen -
Teil 11: Anforderungen an Überfallmelder

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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Foreword

This document (CLC/TS 50131-11:2012) has been prepared by CLC/TC 79 "Alarm systems".

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Introduction

This document is a Technical Specification for hold-up devices which can be used as part of intrusion and hold-up alarm systems installed in buildings. It includes four security grades and four environmental classes.

The purpose of a hold-up device is to allow a person to deliberately generate hold-up alarm signals or messages and a further necessary range of signals or messages to be used by the rest of the intrusion and hold-up alarm system.

The number and scope of these signals or messages will be more comprehensive for systems that are specified at the higher grades.

This Technical Specification is only concerned with the requirements and tests for the hold-up device.

1 Scope

This Technical Specification is for dedicated hold-up devices in buildings, e.g. deliberately operated hold-up devices which can be triggered to create a hold-up alarm signal or message. It provides four security Grades 1-4 (see EN 50131-1), specific or non specific wired or wire-free hold-up devices and uses Environmental Classes I-IV (see EN 50130-5).

This Technical Specification does not include requirements for hold-up devices intended for use outdoors, or for mobile hold-up devices or for devices with functions additional to hold-up facility.

NOTE If a device provides functions additional to hold-up facility, it is recommended to function similar to the requirement described in this Technical Specification.

Functions additional to the mandatory functions as specified in this Technical Specification may be included in the hold-up device, providing they do not adversely influence the correct operation of the mandatory functions.

This Technical Specification does not apply to system interconnections.

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, *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*

EN 50130-5, *Alarm systems – Part 5: Environmental test methods*

EN 50131-1:2006 + A1:2009, *Alarm systems – Intrusion systems and hold-up systems – Part 1: System requirements*

EN 60068-1:1994, *Environmental testing – Part 1: General and guidance (IEC 60068-1:1988 + corrigendum Oct. 1988 + A1:1992)*

EN 60068-2-52, *Environmental testing – Part 2: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution) (IEC 60068-2-52)*

EN 60404-5, *Magnetic materials – Part 5: Permanent magnet (magnetically hard) materials – Methods of measurement of magnetic properties (IEC 60404-5)*

EN 60404-14, *Magnetic materials – Part 14: Methods of measurement of the magnetic dipole moment of a ferromagnetic material specimen by the withdrawal or rotation method (IEC 60404-14)*

EN 61672-1:2003, *Electroacoustics – Sound level meters – Part 1 : Specifications (IEC 61672-1:2002)*

IEC 60404-8-1, *Magnetic materials – Part 8-1: Specifications for individual materials – Magnetically hard materials*