Norm for

SYSTEM COMPONENTS - INTRUDER ALARM SYSTEMS

REQUIREMENTS AND TEST METHODS

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System components - Intruder alarm systems

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The Swedish Theft Prevention Association is a nonprofit association. The aim of the association is to promote safety and security for individuals and property through crime prevention measures, and to act as opinion-makers and disseminators of information with regard to crime prevention.

Excerpt from SSF's statutes § 1 and § 2 established 13 May 2011.

The Swedish Theft Prevention Association (SSF) prepares and establishes standards for testing and classifying within areas that are considered relevant to the aims of the association.

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Changes since previous edition

The changes in this edition aims to make a direct reference between alarm class and grade in the specific SS-EN standard.

- 9 Testing for system components labelling now refers to SS-EN 50131-1, stating readable, durable and unambiguous.
- 11.1.1 Control and indicating equipment • - Alarm class 2 Grade 2 Previously grade 3 - Alarm class 3 Grade 3 Previously grade 4 12.1.1 Power supply equipment • - Alarm class 2 Previously grade 3 Grade 2 18.2 Alarm sounders - Alarm class 2 Grade 2 Previously grade 3 Grade 3 Previously grade 4 - Alarm class 3 23.1 Passive infrared detector Previously grade 3 - Alarm class 4 Grade 4 24.1 Microwave detector Alarm class 4 Grade 4 Previously grade 3 25.1 Combined passive infrared/microwave detector - Alarm class 4 Grade 4 Previously grade 3 Combined passive infrared/ultrasonic detector 26.1 - Alarm class 4 Grade 4 Previously grade 3 Magnetic contacts 27.1 Alarm class 4 Grade 4 Previously grade 3 28.1 Acoustic glass break detector - Alarm class 4 Grade 4 Previously grade 3 Passive glass break detector 29.1 Alarm class 4 Grade 4 Previously grade 3 Active glass break detector 30.1 • Alarm class 4 Grade 4 Previously grade 3 31 Beam detector Alarm class 3 introduced. Seismic detector 34 Alarm class 4 introduced. • Vibration detector refers to SS 4470613-2-8 33 •
- 33.1 Vibration detector
 Alarm class 4 Grade 4 Alarm class introduced.
- Section 36 and 37 Glass alarm sensor changed. Where earlier sections 35 and 36.
- References updated.
- Definitions reviewed.

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0 Foreword

The Swedish Theft Prevention Association issues regulations and standards for various types of security protective equipment.

These regulations specify properties that are considered important for function and reliability. The aim of the regulations is to stipulate quality and safety levels that can be applied generally, both when specifying requirements and in conjunction with procurement of security facilities. Application is voluntary.

The regulations refer to, or are based as far as possible on, national and international standards as well as other applicable technical specifications or requirement documents.

The fulfilment of regulations can be shown by testing performed by a recognized testing agency. Products, services, companies or individuals that satisfy applicable requirements according to a set of regulations are detailed in SSF lists, which are published in the Security Guide.

The Security Guide is available either as a printed publication or can be accessed on SSF's website, <u>www.stoldskyddsforeningen.se</u>

This norm is valid as of 7 March 2016 and supersedes edition 4 and the interpretation dated 18 March 2011.

Edition 4 will be withdrawn 2 April 2017.

English version published June 2016. In the event of any differences in the interpretation of this document, the Swedish version takes precedence over the English version.

The regulations consist of the following parts:

SSF 130	Swedish Theft Prevention Association's regulations for the Design and installation of intruder alarm systems
SSE 1/0	Swedish Theft Prevention Association's regulations for the Design and

- SSF 140 Swedish Theft Prevention Association's regulations for the Design and installation of intruder alarm systems with internal radio transmission
- SSF 1014 Swedish Theft Prevention Association's standard for System components for intruder alarm systems
- SSF 1015 Swedish Theft Prevention Association's standard for Installation firms for intruder alarm systems
- SSF 1016 Swedish Theft Prevention Association's standard for Authorized intruder alarm engineer

In addition to the requirements specified in the standards and regulations, compliance with laws and official regulations is assumed.

1 Introduction

The purpose of an intruder alarm system is to obtain an indication of an attempted intrusion or theft as soon as possible.

The function and reliability of the components of the intruder alarm system is of great importance for the total function and reliability of the alarm system.

The Swedish Theft Prevention Association's regulations on the Design and installation of intruder alarm systems, SSF 130, and the Design and installation of intruder alarm systems with internal radio transmission, SSF 140, stipulate that the components used in intruder alarm systems shall fulfil this standard.

This norm refers to published Swedish standards. In some cases, reference is made to parts of a standard that are relevant to the section in question. When new product standards are introduced they will be applied to this standard.

2 Scope

Requirements and test methods for intruder alarm system components installed in buildings are stipulated in the standard.

The standard only applies to components that are specific to this type of system and does not apply to installation material such as cables, fixtures and junction boxes.

The components covered by this standard are divided into alarm classes according to SS-EN standards for each product.

The following groups are defined in this standard:

- Control and indicating equipment
- Power supply equipment
- Bypass switches, different types
- Detectors, different types
- Magnetic contacts
- Warning devices
- Glass alarm sensors

This norm does not apply to the group of components for alarm transmission systems.