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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 12663-2019

**Intrusion and hold-up alarm systems - Control and indicating
equipment**

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Foreword

The full technical content of this standard is mandatory.

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GB 12663-2001 "General technical conditions for anti-theft alarm controllers". Main technology compared with GB 12663-2001

The changes are as follows.

--- Added 9 terms. mechanical key, logic key, personal authorization code, digital key, bio key, entry delay function, retreat

Delay function, debug mode, logical grouping (see 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.8, 3.1.9, 3.1.10,

3.1.11);

--- Revised the definition of two terms. control indicating device, detection loop (see 3.1.1, 3.1.7, 2001 version 3.1, 3.9);

--- Added product classification and identification (see Chapter 4);

--- Increased security level (see Chapter 5);

--- Increased user categories (see Chapter 6);

--- Removed the appearance and mechanical structure requirements (see 5.1 of the 2001 edition);

--- Modified functional requirements (see Chapter 7, 5.2 of the 2001 edition);

--- Modified power supply requirements (see Chapter 8, 5.3 of the 2001 edition);

--- Modified security requirements (see Chapter 9, 2005 version 5.5);

--- Modified environmental adaptability requirements (see Chapter 10, 5.4 of the 2001

edition);

---Modified electromagnetic compatibility requirements (see Chapter 11, 5.4 of the.2001 edition);

--- Removed software requirements (see Chapter 6 of the.2001 edition);

---Modified product information (see Chapter 12, Chapter 7 of the.2001 edition);

---Modified test methods (see Chapter 13, Chapter 8 of the.2001 edition);

--- Revised inspection rules (see Chapter 14, Chapter 9 of the.2001 edition);

---Modified packaging, transportation and storage (see Chapter 15, Chapter 10 of the.2001 edition);

--- Removed Appendix A (see Appendix A of the.2001 edition);

--- Removed Appendix B (see Appendix B of the.2001 edition).

This standard uses the redrafting method with reference to IEC 62642-3.2010 "Alarm system intrusion and emergency systems - Part 3. Control instructions

Equipment is compiled, and the degree of conformity with IEC 62642-3.2010 is not equivalent.

1 Scope

This standard specifies the product classification and identification, safety level, and user class of control indicating devices used in intrusion and emergency alarm systems.

Others, functional requirements, power requirements, safety, environmental adaptability, electromagnetic compatibility, product information, test methods, inspection rules, signs, packaging, transportation

Shipping and storage requirements.

This standard applies to the design, manufacture and inspection of control indicating devices in intrusion and emergency alarm systems.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2828.1-2012.Sampling procedures for counting sampling - Part 1. Quantitative inspection by batches

plan

GB/T 4208-2017 enclosure protection grade (IP code)

GB/T 9254-2008 Radio disturbance limits and methods of measurement for information technology equipment

GB/T 15211-2013 Environmental protection requirements and test methods for safety and alarm equipment

GB 16796-2009 Safety and alarm equipment safety requirements and test methods

GB/T 30148-2013 Safety and alarm equipment electromagnetic compatibility immunity requirements and test methods

GB/T 32581-2016 Technical requirements for intrusion and emergency alarm systems

GA/T 73-2015 mechanical anti-theft lock

3.1 Terms and definitions

The following terms and definitions as defined in GB/T 32581-2016 apply to this document.

3.1.1

Control indicating device control and indicating equipment

Anti-theft alarm controller

A device that has functions of signal reception, processing, control, indication, recording, etc. in an intrusion and emergency alarm system.

3.1.2

Mechanical key mechanical key

A tool with a specific physical shape that the user uses to obtain control of the operational authority of the pointing device.

3.1.3

Logical key

The logical information used by the user to obtain control of the operating authority of the pointing device.

Note. For example, personal authorization code, digital key, bio key.