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

SN/T 1431.7-2013

Replacing SN/T 1028-2001

**Rules for the inspection of low-voltage electrical apparatus for
import and export. Part 7: Travel switch
(English Translation)**

Issued on: January 1, 1970

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Foreword

SN/T 1431 "Importers and low-voltage electrical inspection procedures" is divided into seven sections.

- Part 1. General requirements;
- Part 2. Household and similar circuit breakers for overcurrent protection;
- Part 3. Household and similar residual current operated circuit breaker;
- Part 4. Electromechanical contactors and motor starters;
- Part 5. Low-voltage fuses;
- Part 6. AC contactor energy efficiency;
- Part 7. limit switch.

This section SN/T 1431 Part 7.

This section drafted in accordance with GB/T 1.1-2009 given rules.

Some elements of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This section is technically reference to GB 14048.5-2008 relevant content, and sampling, inspection and test results to determine make provisions.

The partial replacement of SN/T 1028-2001 "export limit switch for the inspection." this section compared with the SN/T 1028-2001, the main technical changes are as follows.

- Scope has been modified;
- Examine the contents of the deleted original packaging procedures, continuity test, for access time, the operating position to repeat the error, contact resistance, the actuator parameters Visual inspection and part of the contents;

- Test content increases the consistency test, assembly quality inspection, turn on the switching elements under abnormal conditions and breaking capacity;
- Flag test content has been modified;
- Examine the content and method GB 14048.5-2008 replaces JB/T 5553-1991;
- Table 2. visual inspection of the surface of the product failed to Category B;
- Increased content inspection and supervision mode and test mode.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

This section drafted by. People's Republic of China Zhejiang Exit Inspection and Quarantine.

Introduction

"Importers and low-voltage electrical inspection of" low-voltage electrical products import and export inspection work basis, import and export of low-voltage electrical products Inspection play a guiding and regulating.

With China's accession to the World Trade Organization (WTO) and the revised "People's Republic of China Import and Export Commodity Inspection Law" Import and Export Commodity Inspection Test mode has undergone great change, to adapt to changes in the situation and to meet the actual needs of inspection and quarantine work, Inspection and Quarantine of the competent Inspection and quarantine departments to establish a standard system.

This part belongs to the standard system of inspection and quarantine fourth floor --- personality standard that specifies the requirements for the import and export inspection trip switches.

Low-voltage electrical inspection of import and export Part 7. limit switch

1 Scope

SN/T 1431 This section provides the determination Importers limit switch sampling, testing and results.

This section applies to AC voltage to 1000V (frequencies not exceeding 1000Hz), 600V DC voltage to the circuit, as a control System, limit, positioning, stroke, signal or program conversion with import and export inspection trip switch.

This section does not apply to AC or DC voltage of less than 100V products.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2828.1 Sampling procedures for inspection - Part 1. batch inspection sampling plan according to accepted quality limit (AQL) retrieval GB/T 2900.18 Electrotechnical term low-voltage electrical GB 14048.1 low-voltage switchgear and control equipment - Part 1. General GB 14048.5-2008 Low-voltage switchgear and control equipment Part 5-1. Control circuit devices and switching elements - Electromechanical Control circuit devices the basic provisions of SN/T 0002.1 Electromechanical Import and Export Commodity Inspection procedures prepared

3 Terms and Definitions

GB/T 2828.1, GB/T 2900.18, GB 14048.1, GB 14048.5 and SN/T 0002.1 and the following definition of terms and definitions Meaning applicable to this document.

Sampling mode mode of sampling inspection According to the mandatory requirements of national technical specifications, batch import and export commodities or pumping grant implementation sampling, testing and inspection of conformity assessment activities.

Type Test mode mode of type test According to a predetermined cycle based on the mandatory requirements of national technical specifications type testing, according to on-site inspection requirements for product pumping batch inspection Inspection, supervision and implementation of the conformity assessment activities of the enterprise quality management system.

Compliance Verification mode mode of compliance verification According to the mandatory requirements of national technical specifications, check whether the test documents and credentials and match the goods, if necessary, carry out random inspection, and Conformity assessment activities supervision.

Inspection Lot the same specifications for the implementation of inspection and collection, model, under the same conditions of production per unit of product produced, called the inspection lot, referred to as batch.