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

SN/T 1431.3-2011

Replacing SN/T 0996-2001

**Rules for the inspection of low-voltage electrical apparatus for
import and export. Part 3: Residual current cooperated
circuit-breakers for household and similar uses**

进出口低压电器检验规程 第3部分：家用和类似用途剩余电流动作断路器

(English Translation)

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Foreword

SN/T 1431 "Importers and low-voltage electrical inspection procedures" series of standards is divided into five parts.

- 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.

This is Part 3 SN/T 1431 "Importers and low-voltage electrical inspection procedures" series of standards.

This section based on GB/T 1.1-2009 write drafted.

Some of this section may involve patents, this part of the release mechanism does not assume the responsibility to identify these patents.

The partial replacement of SN/T 0996-2001, compared with the SN/T 0996-2001 The main changes are as follows.

- Examine the contents of the deleted original packaging procedures, shape and installation manual testing, electromagnetic compatibility test, delete, and modify some of the Visual inspection contents;
- Increasing the consistency test project, assembly quality inspection;
- Modify the flag checking the contents of the original dielectric strength test procedure to test dielectric properties, and to increase the inspection auxiliary circuit Seeking original statutes overcurrent protection characteristics test (if applicable) to modify the overcurrent tripping characteristic and increase its requirements in Table 3 Detailed description of the operating characteristics of the original statutes to Residual Current Operating

Characteristic (no-load);

--- Table 2. visual inspection of the surface of the product failed to Category B, over-current operating characteristics of substandard classification according to different projects

Divided into Class A and Class 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 import and export of household and similar residual current operated Breaker inspection requirements.

Low-voltage electrical inspection of import and export Part 3. Household and similar residual current operated breaker

1 Scope

This section provides a sample import and export of household and similar residual current operated circuit breaker, test results and determination.

This section applies to AC 50Hz (or 60Hz), voltage does not exceed 440V, rated current not exceeding 125A household or similar purposes Inspection of residual current operated circuit breaker.

This section does not apply to product testing.

--- Using battery RCCB;

--- For motor protection RCBO;

--- Setting current value by the user in the use of self-regulation of RCBO.

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 2828.1-2003 Sampling procedures for inspection - Part 1. Press to accept the quality limit (AQL) retrieval batch test sample Programme (ISO 2859-1:1999, IDT) GB/T 2900.18-2008 Electrotechnical term low-voltage electrical (RCCB) Part 1 GB 16916.1-2003 household and similar uses overcurrent protection for residual current operated circuit breaker Score. General rules (IEC 61008-1:1996, MOD) GB 16917.1-2003 household and similar uses overcurrent protection for residual current operated circuit breaker (RCBO) (IEC 61009-1:1996, MOD) the basic provisions of SN/T 0002 Electromechanical Import and Export Commodity Inspection procedures prepared

3 Terms and Definitions

GB/T 2828.1-2003, GB/T 2900.18-2008, GB 16916.1-2003, GB 16917.1-2003 and SN/T 0002 Defining the following terms and definitions apply 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.