

ICS 29.120.50

CCS K 31

SN

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

SN/T 1431.2-2011

Replacing SN/T 1431.2-2004`

**Rules for the inspection of low-voltage electrical apparatus for
import and export. Part 2: Circuit-breakers for overcurrent
protection for household and similar installations**

进出口低压电器检验规程 第2部分：家用和类似场所用过电流保护断路器

(English Translation)

Issued on: September 9, 2011

Implemented on: April 1, 2012

Issued by: General Administration of Customs

Table of Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and Definitions

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 2 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 1431.2-2004, compared with the SN/T 1431.2-2004 main changes are as follows.

- Scope adds GB 10963.2-2008 related content;
- Examine the contents of the deleted original procedures for inspection of packaging, shape and installation dimensions testing, manual testing, part of the visual inspection contents;
- Test content increases the consistency test, assembly quality inspection, dielectric testing increases test auxiliary and control circuit content;
- Test content increased GB 10963.2-2008 logo, dielectric properties, tripping characteristic test content;

--- Flag test content has been modified;

--- 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 standards, import and export of household and similar provisions for overcurrent protection Trip inspection requirements.

Low-voltage electrical inspection of import and export Part 2. Household and similar for overcurrent protection breaker

1 Scope

This section provides the import and export of household and similar uses sampling, testing and the results of current protection circuit breaker determination.

This section applies to AC 50Hz (or 60Hz), rated voltage not exceeding 440V (phase), rated current not exceeding 125A, rated Test short-circuit capacity not exceeding 25000A AC air circuit breaker.

This section also applies to circuit breakers can be used both for AC DC circuits, and the single-pole circuit breakers rated DC voltage not exceeding 220V, two-pole circuit breaker does not exceed 440V, rated current not exceeding 125A, DC rated short-circuit capacity not exceeding 10000A test.

This section does not apply to product testing.

- Breaker protect the motor;
- Setting current user can adjust the circuit breaker.

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 GB 10963.1-2005 electrical accessories for household and similar circuit breakers for overcurrent protection - Part 1. a communication break Circuit breaker (IEC 60898-1:2002, IDT) Breakers for ac and dc. GB 10963.2-2008 household and similar circuit breakers for overcurrent protection - Part 2 (IEC 60898-2:2003, IDT) 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 10963.1-2005, GB 10963.2-2008 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.