ICS 29.130.20
CCS K32

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 22686-2008

Pressure thermal cut-outs for household and similar use of manual reset type

家用和类似用途人工复位压力式热切断器

Issued on: December 31, 2008 **Implemented on: November 1, 2009**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;
Standardization Administration of China

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Foreword

The standard of safety required by the GB 14536.1-2008 "Household and similar electrical controls - Part 1. General requirements" According to the performance requirements of the development of the domestic manufacturers a few years of production experience and user requirements. This standard household and similar pressure manual reset safety thermal cut and performance standards, and the pressure is manual reset thermal cut When manufacturing plants manufactured products meet the technical requirements of the procurement unit that the product is qualified basis. The standard proposed by China Electrical Equipment Industrial Association. This standard by the National Standardization Technical Committee household automatic control (SAC/TC212) centralized. This standard was drafted. Foshan Tongbao Co., Ltd., Guangzhou Electric Apparatus Research Institute, Zhejiang Yan Thermostat Ltd., Changzhou West Mart Appliance Co., Ltd., Foshan Jiulong Machine (thermostat) Factory, Ningbo Economic and Technological Development Zone Haixin Electric Technology Co., Ltd. The main drafters of this standard. wheat harvest, Huangkai Yun, Chen Yonglong, Du Li, Zhu Jiulong, thanks Ke Long, Zhuo cloud. Household and similar manual reset Pressure type thermal cut

1 Scope

GB/T 22686-2008 is the Chinese national standard on pressure thermal cut-outs for household and similar use of manual reset type, in the field of electrical engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 December 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2009. Classification: ICS 29.130.20, CCS K32. This page is published from the official record of the standard held by the Chinese standards administration: the

identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the use of household and similar manual reset thermal cut-pressure type (hereinafter referred to as "thermal cut") is defined, with the base model The parameters, technical requirements, test methods, inspection rules and signs, instructions, packaging, transportation and storage. This standard applies to the working fluid within the closed system of heat generated pressure pushes kick actuator so that electrical contact is open to the work of the original Reasonable temperature limiting device, the temperature limiting devices are generally used for AC rated voltage not exceeding 690V, rated current not exceeding 32A, the frequency of 50Hz or 60Hz, shutdown temperature 40 °C ~ 320 °C within any of a certain value, a resistive load heat energy required for the machine under abnormal operating conditions from Breaking move, manual reset protection of water heaters, boilers, washing machine, deep fryer, heaters and other household and similar electrical appliances.

Note. cut beyond the standard temperature range of thermal cut, which requires agreement by the user and the manufacturer.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780.1997, MOD)

GB/T 2423.1 Environmental testing for electric and electronic products Part 2. Test methods Test A. Cold (GB/T 2423.1- 2001, idt IEC 60068-2-1.1990)

GB/T 2423.2 Environmental testing for electric and electronic products Part 2. Test methods Test B. Dry heat (GB/T 2423.2- 2008, IEC 60068-2-2.2007, IDT)

GB/T 2423.3 Environmental testing for electric and electronic products Part 2. Test methods - Test Cab. Damp heat test (GB/T 2423.3-2006,

IEC 60068-2-78.2001, IDT)

GB/T 2423.5 Environmental testing for electric and electronic products Part 2. Test methods Test Ea and guidance. Shock (GB/T 2423.5-1995, idt IEC 60068-2-27. 1987)

GB/T 2423.10 Environmental testing for electric and electronic products Part 2. Test methods Test Fc. Vibration (sinusoidal) (GB/T 2423.10-2008, IEC 60068-2-6.1995, IDT)

GB/T 2423.17 Environmental testing for electric and electronic products Part 2. Test methods - Test Ka. Salt Spray (GB/T 2423.17- 2008,

IEC 60068-2-11. 1981, IDT)

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Programme (ISO 2859-1.1999, IDT)

GB/T 2829-2002 periodic inspection Sampling procedures and tables (suitable for process stability test)

GB 14536.1-2008 household and similar electrical controls - Part 1. General requirements (IEC 60730-1.2003, IDT)

GB/T 22685 household and similar controllers packaging and identification

3 Terms and Definitions

GB 14536.1-2008 established and the following terms and definitions apply to this standard.