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

GB 14536.5-2008

Replacing GB 14536.5-1996

**Automatic electrical controls for household and similar use --
Particular requirements for thermal motor protectors for
motor-compressors of hermetic and semi-hermetic type**

家用和类似用途电自动控制器 密封和半密封电动机-压缩机用电动机热保护器的
特殊要求

(English Translation)

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Table of Contents

Preface	
IEC Introduction	
1 Scope and normative references	
2 Definitions	
3 2 General requirements	
4 General notes	
Rating 2	
6 Category	
Profile 3	
8 4 Protection against electric shock	
9 Ground protection measures	
10 Terminals and terminations	
11 Structural requirements	
Moisture and dust 12	
13 Electric strength and insulation resistance	
14 Fever	
15 Manufacturing deviation and drift	
16 5 Environmental Stress	
17 5 Durability	
18 Mechanical strength	
19 Threaded parts and connections	
20 Creepage distances, clearances and distances through solid insulation through	
21 Heat, fire and resistance to tracking	
22 Corrosion	
23 Electromagnetic compatibility (EMC) emission requirements ---	
24 Assembly	
25 Normal operation	
26 Electromagnetic compatibility (EMC) requirements --- immunity	
27 Non-normal operation	
28 Guidelines for the use of electronic disconnect	
Appendix	
Annex C (normative) mercury switch test cotton	

Appendix E (normative) measure leakage current of the circuit

Annex AA (normative) Thermal motor protectors as a durability test element, for example, the motor 11 is not loaded

Foreword

All technical content in this section is mandatory.

GB 14536 "Household and similar electrical automatic controller" is divided into two parts.

--- Part 1. General requirements;

--- Part 2. Particular requirements.

Special requirements and consists of the following components.

--- GB 14536.3 - Particular requirements for thermal motor protectors (IEC 60730-2-2, IDT);

--- Particular requirements GB 14536.4 tubular fluorescent lamp ballasts for thermal protectors (IEC 60730-2-3, IDT);

--- GB 14536.5 sealed and semi-hermetic motor - compressor motor thermal protection Particular requirements (IEC 60730-2-4, IDT);

--- Particular requirements GB 14536.6 automatic electrical burner control systems (IEC 60730-2-5, IDT);

--- GB 14536.7 pressure sensitive electrical controls - Particular requirements (idt IEC 60730-2-6);

--- GB 14536.8 Particular requirements for timers and time switches (idt IEC 60730-2-7);

--- GB 14536.9 Particular requirements for electrically operated water valves (including mechanical requirements) (IEC 60730-2-8, IDT);

--- GB 14536.10 - Particular requirements for temperature sensing controls (IEC 60730-2-9, IDT);

--- GB 14536.11 Particular requirements for motor starting relays (IEC 60730-2-10, IDT) used;

--- GB 14536.12 Particular requirements for energy regulators (idt IEC 60730-2-11);

--- GB 14536.13 Particular requirements for electrically operated door locks (IEC 60730-2-12, IDT);

--- GB 14536.15 Particular requirements for humidity sensing controls (IEC 60730-2-13, IDT);

--- GB 14536.16 Particular requirements for electric actuators (idt IEC 60730-2-14);

--- GB 14536.17 special requirements of the float or electrode-sensitive automatic electrical water level sensing controller used in the boiler appliance (IEC 60730-2-15, IDT);

--- GB 14536.18 - Particular requirements for household and similar use of the float type level controllers (IEC 60730-2-16, IDT);

--- GB 14536.19 Particular requirements for electrically operated gas valves, including mechanical requirements (IEC 60730-2-17, IDT);

--- GB 14536.20 Particular requirements for water and air flow sensing controls, including mechanical requirements (IEC 60730-2-18, IDT);

--- GB 14536.21 Particular requirements for electrically operated oil valves, including mechanical requirements (IEC 60730-2-19, IDT);

This section identical with IEC 60730-2-4:2006 "Household and similar electrical automatic controller Part 2. hermetic and semi electric Motivation - Compressor motor thermal protector of special requirements. " Part of this structure with IEC 60730-2-4:2006 same. In this section, there is a corresponding national standard, incorporated by reference to national standards;

No national standards, IEC standards are incorporated by reference outlined. Scheduling order with IEC Part 1 of Chapter normative references documents Different 60730-2-4.

For ease of use, this section made the following editorial changes.

- a) "This standard" be replaced by "this section";
- b) use a decimal point instead of a decimal comma ",", ".", " ,";
- c) increase the national standard foreword.

This part of GB 14536.1-2008 "Household and similar electrical controls - Part 1. General requirements" in conjunction.

This Part replaces GB 14536.5-1996 "household and similar use of hermetic and semi automatic controller for motor - compressors Special requirements "thermal motor protectors.

GB 14536.5-2008/IEC 60730-2-4:2006 Compared with GB 14536.5-1996 part of the main changes are as follows.

- a) the name of several sections according to changes GB 14536.1 made the appropriate changes;
- b) in Chapter 1, the rated voltage range capped by 660V to 690V;
- c) Chapter 7 Table 7.2 has some changes;
- d) Appendix AA new content;

e) the requirements of Appendix H to change.

This part of the Appendix C, Appendix E is normative annex, appendix AA informative appendices.

This part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Standardization Technical Committee household automatic control (SAC/TC212) centralized.

This section is drafted. Guangzhou CVC Testing Institute, Guangzhou Electric Apparatus Research Institute, Wanbao Refrigeration Group Guangzhou Electrical Appliance Co., Division Hangzhou Star Shuai Seoul Electric Co., Ltd. Foshan Tongbao, Lanxi City, the Electric Appliance Co., Ltd. Changzhou Chang Rong Electric Co.

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This part of the standard replaces the previous editions are.

--- GB 14536.5-1996.

GB 14536.5-2008/IEC 60730-2-4:2006 IEC Foreword

1) IEC (International Electrotechnical Commission) is a worldwide standardization group composed of national electrotechnical committees (IEC National Committees) Organizations. The object of IEC is to promote international cooperation on issues related to the standardization of the electrical and electronic fields. For this purpose IEC addition to other activities, but also publishes International Standards, technical specifications, technical reports, public specification (PAS, Publicly Available Specifications) and guidelines (henceforth referred to IEC publication). Their preparation is entrusted to technical Commission to complete. As a member of IEC National Committees, as long as the interest of the standard to be developed, may participate its formulation. Liaising with the IEC 's international, official or unofficial organizations are also involved in the development of standards.

IEC and the World Organization for Standardization (ISO) in accordance with the conditions specified in the agreement, close cooperation.

2) since each technical committee has representatives from the National Commission on the relevant issues of interest, so the IEC on technical Issue formal decisions or agreements on the maximum expression of the international consensus on the relevant issues.