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

GB/T 14536.15-2022

**Automatic electrical controls-Part 15: Particular requirements
for humidity sensing control**

电自动控制器 第15部分：湿度敏感控制器的特殊要求
(English Translation)

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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 60730-2-13.2006 "special for household and similar use automatic controller to humidity sensing controls

begging".

Part of this structure with IEC 60730-2-13.2006 same. In this section, there is a corresponding national standards, national standards incorporated by reference

Quasi; no national standards, IEC standards are incorporated by reference outlined.

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

- a) instead of as a decimal by decimal comma ",", ".,";
- b) increase the national standard foreword;
- c) with the "GB 14536.1" instead of "Part 1."

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

This Part replaces GB 14536.15-1999 "Household and similar electrical controls - Particular requirements for humidity sensing controls."

Compared with GB 14536.15-1999 part of the main changes are as follows.

- a) Chapter 7 in Table 7.2 has some changes;
GB 14536.15-2008/IEC 60730-2-13.2006
- b) Chapter 15 Manufacturing deviation and drift representation has increased;
- c) the name of several sections according to changes GB 14536.1 made the appropriate changes;
- d) Appendix H (requires electronic control) made major changes.

Appendix H and Appendix AA This section is normative appendix.

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, Zhejiang Yan Thermostat Co., Ltd. Ningbo

Economic and Technological Development Zone Haixin Electric Technology Co., Ltd., Guangdong Kelon Air Conditioner Co., Ltd.

1 Scope and normative references

GB 14536.1 of the chapter is applicable except as follows.

1.1 Replacement.

This section applies to the use of these or equipment for use in household and similar electrical devices automatic humidity sensing controls,

It includes a controller for heating, air conditioning and similar applications. These devices

can use electricity, gas, oil, solid fuel, solar energy, etc., or it
Their energy mix.

1.1.1 The following note instead of the second paragraph after the Note.

Note: in this section, "device" contains the word "appliance" and "control."

1.1.2 Replacement.

This section applies capable of reacting or humidity control Automatic electrical controls for mechanical or electronic operation.

2 Definitions

GB 14536.1 of the chapter is applicable except as follows.

2.2.19 Addition.

Note: Normally, humidity sensing controls are operating controller.

increase.

2.2.101

Used to the humidity is maintained at a certain value or more, the following electric automatic controller or two specific values.

2.2.102

Used to control independently mounted or mounted living space humidity humidity sensing controls.

3 General requirements

This is applicable in GB 14536.1.

General Description 4 Test

This is applicable in GB 14536.1.

5 RATINGS

This is applicable in GB 14536.1.

Category 6

GB 14536.1 of the chapter is applicable except as follows.