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GB 14536.15-2008 / IEC 60730-2-13:2006

Replacing GB/T 14536.15-1999

Automatic Electrical Controls for Household and Similar Use - Particular Requirements for Humidity Sensing Controls

(IEC 60730-2-13: 2006, IDT)

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Foreword

All the technical content of this Part is compulsory.

GB 14536, *Automatic Electrical Controls for Household and Similar Use*, comprises two parts as follows:

- Part 1: *General Requirements*;
- Part 2: *Particular Requirements*.

Particular requirements consist of the parts as follows:

- GB 14536.3, *Particular Requirements for Thermal Motor Protectors* (IEC 60730-2-2, IDT);
- GB 14536.4, *Particular Requirements for Thermal Protectors for Ballasts for Tubular Fluorescent Lamps* (IEC 60730-2-3, IDT);
- GB 14536.5, *Particular Requirements for Thermal Motor Protectors for Motor-Compressors of Hermetic and Semi-hermetic Type* (IEC 60730-2-4, IDT);
- GB 14536.6, *Particular Requirements for Automatic Electrical Burner Control Systems* (IEC 60730-2-5, IDT);
- GB 14536.7, *Particular Requirements for Automatic Electrical Pressure Sensing Controls Including Mechanical Requirements* (IEC 60730-2-6, IDT);
- GB 14536.8, *Particular Requirements for Timers and Time Switches* (IEC 60730-2-7, IDT);
- 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);
- GB 14536.12, *Particular Requirements for Energy Regulators* (IEC 60730-2-11, IDT);
- 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* (IEC 60730-2-14, IDT);
- GB 14536.17, *Particular Requirements for Automatic Electrical Water Level Sensing Controls of the Float or Electrode-sensor Type Used in Boiler Applications* (IEC 60730-2-15, IDT);
- GB 14536.18, *Particular Requirements for Automatic Electrical Water Level Controls of the Float Type for Household and Similar Applications* (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 Automatic Electric 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 Part equivalently adopts IEC 60730-2-13: 2006, *Automatic Electrical Controls for Household and Similar Use - Particular Requirements for Humidity Sensing Controls*.

The structure of this Part is the same as that of IEC 60730-2-13:2006. In this Part, if there is a corresponding national standard, refer to the national standard; and if there is no national standard for the time being, refer to the IEC standard listed.

For the convenience of use, the following editorial modifications are made in this Part:

- a) use the decimal point “.” to replace the comma “,” that is acted as the decimal point;
- b) add the foreword of the national standard;
- c) use “GB 14536.1” to replace “Part 1”.

This Part is used in conjunction with GB 14536.1-2008, *Automatic Electrical Controls for Household and Similar Use - Part 1: General Requirements*.

This Part replaces GB 14536.15-1999, *Automatic Electrical Controls for Household and Similar Use - Particular Requirements for Humidity Sensing Controls*.

Compared with GB 14536.15-1999, the major changes of this Part are as follows:

- a) certain modifications are made in Table 7.2 of Clause 7;
- b) the expression methods of manufacturing deviation and drift in Clause 15 are added;

Automatic Electrical Controls for

Household and Similar Use -

Particular Requirements for Humidity Sensing Controls

1 Scope and normative references

This clause of GB 14536.1 is applicable except as follows:

1.1 Replacement:

This Part applies to automatic electrical humidity sensing controls for use in, on or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof.

1.1.1 Replace the note following the second paragraph with the following new note:

NOTE Throughout this part, the word "equipment" includes "appliance" and "control system".

1.1.2 Replacement:

This standard applies to automatic electrical controls, mechanically or electrically operated, responsive to or controlling humidity.

1.1.3 Not applicable.

2 Definitions

This clause of GB 14536.1 is applicable except as follows:

2.2 Definitions of types of control according to purpose

2.2.19 Addition:

NOTE In general, a humidity sensing control is an operating control.

Additional definitions:

2.2.101

humidity sensing control

automatic electrical control which is either intended to keep the controlled humidity

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