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**Electronic controller of household gas burning appliances
(English Translation)**

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1 Scope

This Standard specifies terms and definitions, classification, structure, requirements, test methods, inspection rules, designation, installation and operation instructions, packaging, transportation and storage of electric controller (hereinafter referred as the controller) for household gas burning appliances that use urban gas specified in GB/T 13611.

This Standard applies to production and inspection of electric controller for household gas burning appliances.

2 Normative references

The articles contained in the following documents have become part of this Standard when they are quoted herein. For the dated documents so quoted, all the modifications (Including all corrections) or revisions made thereafter shall be applicable to this

Standard.

GB/T 191 Packaging - Pictorial marking for handling of goods (GB/T 191-2008, ISO 780. 1997, MOD)

GB/T 2828 (All parts) Sampling procedures for inspection by attributes

GB 4706.1-2005 Household and similar electrical appliances-Safety - Part 1. General requirements (IEC 60335-1. 2004 (Ed4.1), IDT)

GB/T 13611 Classification and essential property of city gas

GB/T 14004 Fixed capacitors for use in electronic equipment - Part 6. Sectional specification fixed metallized polycarbonate film dielectric d.c. capacitors (GB/T 14004-1992, idt IEC 60384-6. 1987)

GB/T 14472 Fixed capacitors for use in electronic equipment - Part 14. Sectional specification Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (GB/T 14472-1998, idt IEC 60384-14. 1993)

GB 14536.1-2008 Automatic electrical controls for household and similar use - Part 1. General requirements (IEC 60730-1. 2003 (Ed3.1), IDT)

GB 14536.6-2008 Automatic electrical controls for household and similar use - Particular requirements for automatic electrical burner control systems (IEC 60730-2-5. 2004, IDT)

GB/T 17626.2 Electromagnetic compatibility (EMC) - Testing and measurement techniques - Electrostatic discharge immunity test (GB/T 17626.2-2006, IEC 61000-4-2. 2001, IDT)

GB/T 17626.3 Electromagnetic compatibility - Testing and measurement techniques - Radiated radio-frequency electromagnetic field immunity test (GB/T 17626.3-2006, IEC 61000-4-3. 2002, IDT)

GB/T 17626.4 Electromagnetic compatibility - Testing and measurement techniques - Electrical fast transient/burst immunity test (GB/T 17626.4-2008, IEC 61000-4-4. 2004, IDT)

GB/T 17626.5 Electromagnetic compatibility - Testing and measurement techniques -

Surge immunity test (GB/T 17626.5-2008, IEC 61000-4-5. 2005, IDT)

GB/T 17626.6 Electromagnetic compatibility - Testing and measurement techniques -

Immunity to conducted disturbances induced by radio-frequency fields (GB/T 17626.6-2008, IEC 61000-4-6. 2006, IDT)

GB/T 17626.8 Electromagnetic compatibility (EMC) - Part 4-8. Testing and measurement techniques - Power frequency magnetic field immunity test (GB/T 17626.8-2006, IEC 61000-4-8. 2001, IDT)

GB/T 17626.11 Electromagnetic compatibility - Testing and measurement techniques -

Voltage dips, short interruptions and voltage changes immunity tests (GB/T 17626.11-2008, IEC 61000-4-11. 2004, IDT)

GB/T 17626.28 Electromagnetic compatibility (EMC) - Testing and measurement techniques - Variation of power frequency immunity test (GB/T 17626.28-2006, IEC 61000-4-28. 2001, IDT)

GB 18802.1 Low-voltage surge protective devices - Part 1. Surge protective devices connected to low-voltage power distribution systems - Requirements and tests (GB 18802.1-2011, IEC 61643-1. 2005, MOD)

GB 19212.7 Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 7. Particular requirements and test for safety isolating transformers and power supply units incorporating safety isolating transformers (GB 19212.7-2012, IEC 61558-2-6. 2009, IDT)

GB/T 20438.2-2006 Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 2. Requirements for electrical/electronic/programmable electronic safety-related systems (IEC 61508-2. 2000, IDT)

GB/T 20438.7-2006 Functional safety of electrical/electronic/programmable electron...

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