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

GB/T 16608.51-2012

**Electromechanical all-or-nothing relays -- Part 51: Blank detail
specification -- Electromechanical all-or-nothing telecom relays
of assessed quality -- Non-standardized types and construction**

(English Translation)

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Foreword

GB/T 16608 "have no basis or electromechanical relays" standard is currently divided into the following sections.

- GB/T 16608.1 assessed quality, with or without foundation electromechanical relays - Part 1. Generic specification;
- GB/T 16608.50 with or without electromechanical relays - Part 50. Sectional specification telecommunications with assessed quality, with or without electromechanical Relay;
- GB/T 16608.51 with or without electromechanical relays - Part 51. Blank detail specification telecommunications with assessed quality, with or no non-standard electromechanical relays type and structure;
- GB/T 16608.52 with or without electromechanical relays - Part 52. Blank detail specification telecommunications with assessed quality, with or Nothing relays two changeover contacts, 20mm x 10mm base;
- GB/T 16608.53 with or without electromechanical relays - Part 53. Blank detail specification telecommunications with assessed quality, with or Nothing relays two changeover contacts, 14mm x 9mm base;
- GB/T 16608.54 with or without electromechanical relays - Part 54. Blank detail specification telecommunications with assessed quality, with or Nothing relays two changeover contacts, 15mm x 7.5mm base;
- GB/T 16608.55 with or without electromechanical relays - Part 55. Blank detail specification telecommunications with assessed quality, with or Nothing relays two changeover contacts, 11mm x 7.5mm (maximum) base.

This section GB/T Part of 5,116,608.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method identical with IEC 61811-51:2002 "with or without electromechanical relays - Part 51. Blank detail specification Telecom with assessed quality electromechanical relays, with or without non-standard types and structures. " for ease of use, this section made the following editorial changes.

- With "this Part" instead of "this International Standard";
- With a decimal symbol instead of the symbol " , " . " , " ;
- Remove the IEC standard foreword;
- The Table 2 3 contact circuit by a unit of resistance "ohm" converted to "mohm".

This part is proposed by the Ministry of Industry and Information Technology of the People's

Republic of China.

This part of the National Electrical relays with or without Standardization Technical Committee (SAC/TC217) centralized.

This section is drafted. Xiamen Hongfa Electroacoustic Co., Ltd.

1.1 Scope

GB/T 16608 is divided into Part Blank detail specification for telecommunications with assessed quality, with or without electromechanical relays. Comply with this Relay portion provided for use in telecommunications equipment, but as with or without electromechanical relays, also can be used in a particular industry or other equipment.

Test methods specified in this section is taken from IEC 61810-7:1997 and other standards, according to detailed specifications for the development of this specification adoption.

This section also provides a basic test table for detailed specification according to GB/T 16608.1-2003 provisions established use.

1.2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2421-1999 Environmental testing for electric and electronic products - Part 1. General (IEC 60068-1. 1988, IDT) GB/T 5169.5-1997 Fire hazard testing for electric and electronic products - Part 2. Test methods - Section 2. Needle-flame test (IEC 60695-2-2:1991, IDT) GB/T 14598.4-1993 Electrical relays - Part 14. Endurance test for electrical relay contacts Contact load priority Value (IEC 60255-14. 1981, IDT) GB/T 16608.1-2003/IEC 61811-1:1999 quality assessment of electromechanical relays, with or without foundation - Part 1. General Specification (IEC 61811-1:1999, IDT) GB/T 16608.50-2012/IEC 61811-50:2002 with or without electromechanical relays - Part 50. Sectional specification for telecom has There are no quality assessment or electromechanical relays (IEC 61811-50:2002, IDT) IEC 60068-2-17:1994 Environmental testing - Part 2. Tests - Test Q. Sealing (Environmentaltesting-Part

2 Tests-TestQ. Sealing)

IEC 60068-2-20. 1979 Environmental testing - Part 2. Tests - Test T. Soldering tests (including amendments 2. 1987) (Environmentaltesting-Part 2. Tests-TestT. Soldering) Amendment2 (1987) IEC 60068-2-47:1999 Environmental testing - Part 2-47. Test methods for vibration, impact and similar dynamic tests components, Equipment installation and other objects (Environmentaltesting-Part 2-47. Testmethods-Mountingofcomponents,

equipment and other articles for vibration, impact and similar dynamic tests) IEC 61709:1996

Electronic Component reliability failure rate of standard conditions and stress model conversion

(Electronic components-Reliability-Reference conditions for failure rates and stress models for conversion) IEC 61810-7:1997 with or without electromechanical relays - Part 7. Test and measurement procedures (Electromechanical all-or-nothing relays-Part 7.

Test and measurement procedures) QC001002-2.1998 IEC Quality Assessment System for Electronic Components procedural rules (IEC Q) - Part 2. File (Rules of Procedure for the IEC Quality Assessment System for Electronic Components (IEC Q) -Part 2. Docu-