

ICS 29.120.70
CCS L 25



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

GB/T 16608.50-2012

**Electromechanical all-or-nothing relays -- Part 50: Sectional
specification -- Electromechanical all-or-nothing telecom relays
of assessed quality
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 1970

Issued by: Standardization Administration of China

Table of Contents

Introduction

1 General

1.1 Scope

1.2 Normative references

1.3 Terms and Definitions

1.4 Priority value of

1.5 Marking and documentation

2 Quality assessment procedures

2.1 The initial stage of manufacture

2.2 4 structurally similar relays

2.3 Subcontracting

2.4 Qualification approval procedures

2.5 Quality conformance inspection

2.6 Inspection Table

2.7 Test procedure

3 Blank detail specification and detail specification preparation

4 Inspection Table

4.1 Test sequence

4.2 Environmental Protection relay method according to category distinction (RT. Relay manufacturing process)

4.3 Contacts Application Category

4.4 Note to Table 1 of

5 Relay failure rate data reliability ---

Appendix A (informative) failure rate data base

References

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 16608 Part 50.

This section Press GB/T 1.1-2009 given rule drafting.

This section uses the translation method identical with IEC 61811-50:2002 "with or without electromechanical relays - Part 50. Sectional specification for telecom Assessed quality, with or without electromechanical relays. " 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;

--- Increased references to the provisions cited "IEC 60068" and "IEC 60721-3-3:1995" included.

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 specification is divided into the headquarters for telecommunications with assessed quality, with or without electromechanical relays. Delivery in this section Relays used in telecommunications equipment, but as with or without electromechanical relays, are also suitable for use in specific industrial and 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 specification requires the use of a detailed table. Detailed examination table in the present specification Blank detail specification for supplementary member Specified.

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 2691-1994 resistors and capacitors Marking codes (IEC 60062:1992, 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 7408-2005 data elements and interchange formats - Information interchange dates and times (ISO 8601:2000, IDT) GB/T 14598.1-2002 Electrical relays - Part 23. Contact performance (IEC 60255-23:1994, IDT) GB/T 16608.1-2003 assessed quality, with or without foundation electromechanical relays - Part 1. Generic specification (IEC 61811-1:1999, IDT) GB/T 19001-2000 quality management system requirements (ISO 9001:2000, IDT) IEC 60410. 1973 count sampling inspection procedures and sample forms (Samplingplansandproceduresforinspectionby attributes) IEC 61709:1996 Electronic Component reliability failure rate of standard conditions and stress model conversion (Electroniccom-ponents-Reliability-Referenceconditionsforfailureratesandstressmodelsforconversion) IEC 61810-1:1998 There is nothing regular or electromechanical relays - Part 1. General requirements (Electromechanicalnon-specifiedtimeal-or-nothingrelays-Part 1. Generalrequirements) IEC 61810-5:1998 have nothing but the timing or electromechanical relays - Part 5. Insulation Coordination (Electromechanicalnon-specifiedtimeal-or-nothingrelays-Part 5. Insulationco-ordination) IEC 61810-7:1997 with or without electromechanical relays - Part 7. Test and measurement procedures (Electromechanicalal-or-nothingrelays-Part 7. Testandmeasurementprocedures) QC001002-3.1998 IEC procedural rules Quality Assessment System for Electronic Components (IEC Q) - Part 3. approval procedure (Rules ofProcedureoftheIEC QualityAssessmentSystemforElectronicComponents (IEC Q) -Part 3.

ApprovalProcedures)

CECC00016.1990 CECC using statistical process control (SPC) of the basic requirements
(Basic requirements for the system the use of statistical process control (SPC)
in the CECC system)