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

GB/T 9364.7-2016

**Miniature fuses -- Part 7: Miniature fuse-links for special
applications
(English Translation)**

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Foreword

GB/T 9364 "Small Fuse" is divided into the following parts.

Part 1. Definition of small fuses and general requirements for small fuse - links;

- Part 2. Tubular fuse links;

- Part 3. Subminiature fuse links;

- Part 4. Universal module fuse - links (UMF) perforated and surface mount type;

- Part 5. Guidelines for the quality assessment of small fuse - links;

- Part 6. Fuse support for small tubular fuse links;

- Part 7. Miniature fuse links for special applications;

- Part 10. User Guide;

Part 11. fuse for LED lights.

This part is part 7 of GB/T 9364.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part uses the re-drafting method to modify the use of IEC 60127-7.:2013 "Small Fuses Part 7. Special Applications for Small Melts Broken body".

The technical differences between this section and IEC 60127-7.:2013 are as follows.

--- on the normative reference documents, this part has made a technical differences in the adjustment to meet China's technical conditions, adjust the situation the situation is reflected in Chapter 2, "Normative references", as follows.

Replace GB 3. 1973 (see Chapter 10) with GB/T 321-2005 equivalent to international standards;

Replace IEC 60068-2-21.:2006 (see 8.3) with GB/T 2423.60 equivalent to the international standard;

Replace IEC 60695-4.:2012 (see 8.2) with GB/T 5169.1-2015 equivalent to the international standard;

Replace IEC 60695-2-12.:2010 (see 8.2) with GB/T 5169.12-2013 equivalent to the international standard;

Replace IEC 60695-2-13.:2010 (see 8.2) with GB/T 5169.13-2013 equivalent to the international standard;

Replace IEC 60127-1.:2006 with GB/T 9364.1-2015 with international standard modification;

Replace IEC 60127-6.:1994 (see 9.7.102) with GB 9364.6-2001 equivalent to international standards;

Replace IEC 60664-1.:2007 with GB/T 16935.1-2008 equivalent to international standards;

- Added references to GB 13539.1 (see Chapter 1);

--- 8.2 The original note 1 is amended to be the text clause.

This section makes the following editorial changes.

--- In accordance with the relevant provisions of GB/T 1.1, in Chapter 1 "scope" added "GB/T 9364 of this part of the provisions of the special application Terms and definitions of small fuse links, general requirements, standard ratings, signs, tests, dimensions and construction, electrical performance, etc.

Seeking and standard specifications ";

- Amend the terms and definitions to "terms and definitions, symbols" in accordance with the relevant provisions of GB/T 1.1.

This part is made by China Electrical Equipment Industry Association.

This part is headed by the National Standardization Technical Committee for Fuses (SAC/TC340).

This part of the drafting unit. China Electrical Appliances Research Institute Co., Ltd., Nanjing Sutter Technology Development Co., Ltd., Dongguan Huade Electric Co., Ltd.

Company, Wei Kai Detection Technology Co., Ltd., Shanghai Songshan Electronics Co., Ltd., Hailei (China) Electronic Technology Co., Ltd., AEM Division (Suzhou) Co., Ltd., force of the Fuse Co., Ltd., Dongguan City Bette Electronic Technology Co., Ltd., Shenzhen City, good-electronic Limited company, 100 rich Electronics Co., Ltd.

1 Scope

This part of GB/T 9364 specifies the terms and definitions of small-sized fuse-links for special applications, general requirements, standard ratings, marking, Test, size and structure, electrical performance and other technical requirements and standard specifications.

This part applies to the rated voltage of not more than 1000V, rated current does not exceed 20A, rated breaking capacity of not more than 50kA of the melt Broken body.

This part does not apply to fuse links that are fully covered in the subsequent part of GB 13539.1.

This part does not apply to fuses for electrical installations intended for use under special conditions (eg corrosion or explosive atmospheres).

Special applications of small fuse links are not expected to be electrical equipment, electronic equipment, the end user replacement.

The purpose of this part is to develop a unified test scheme for small-sized fuse-links for special applications to verify the data given by the manufacturer (eg such as data on melting time and breaking capacity).

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 321-2005 Number of priority and priority (ISO 3. 1973, IDT) GB/T 2423.60

Environmental testing for electric and electronic products - Part 2. Test methods - Test U.

Lead-out and integral mounting (GB/T 2423.60-2008, IEC 60068-2-21.:2006, IDT) GB/T 5169.1-2015 Fire hazard testing for electric and electronic products - Part 1. Fire test terminology (IEC 60695-4.:2012, IDT) GB/T 5169.12-2013 Fire hazard testing for electric and electronic products - Part 12. Basic test method for glowing wire/hot wire GB/T 5169.12-2013 (GW 60) test method (IEC 60695-2-12.:2010, IDT) GB/T 5169.13-2013 Fire hazard testing for electric and electronic products - Part 13. Basic test method for glowing wire/hot wire GB/T 5169.13-2013 (GWT) test method (IEC 60695-2-13.:2010, IDT) GB/T 9364.1-2015 Miniature fuses - Part 1. Definition of small fuses and general requirements for small fuse links (IEC 60127-1.:2006, MOD) GB 9364.6-2001 Miniature fuses - Part 6. Fuse holders for small tubular fuses (IEC 60127-6.:1994, IDT) GB 13539.1 Low-voltage fuses Part 1. Basic requirements (GB 13539.1-2015, IEC 60269-1.:2009, IDT) GB/T 16935.1-2008 Insulation coordination of equipment in low voltage systems - Part 1. Principles, requirements and tests (IEC 60664-1.

2007, IDT)

Printed boards and other connecting structural materials - Part 2-7. Reinforced floor coverings and uncovered coverings IEC 61249-2-7.:2002 Layer - flammability, with a limited flammability (vertical burning test) of the copper foil epoxy E glass cloth laminate [Materials for printed boards and other interconnect structures - Part 2-7. Reinforced base materials clad and unclad-Epoxy woven E-glass laminated sheet of defined flammability (vertical burning test), copper-clad]