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

GB 9364.2-1997

Replacing GB/T 9364.2-1997

Miniature fuses -- Part 2: Cartridge fuse-links

小型熔断器 第2部分:管状熔断体

(English Translation)

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Foreword

GB/T 9364 "Miniature fuse" is divided into the following parts.

- Part 1. General definition of miniature fuses and general requirements for miniature fuses;
- Part 2. tubular fuse link;
- Part 3. Ultra-small fuse-links;
- Part 4. Universal modular fuse-link (UMF) perforated and surface mount type;
- Part 5. Guidelines for the assessment of the quality of small fuses;
- Part 6. Fuse holders for small tubular fuse-links;
- Part 7. Small fuses for special applications;
- Part 10. User Guide;

--- Part 11. Fuse for LED lamps.

This part is the second part of GB/T 9364.

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

This part replaces GB/T 9364.2-1997 "Miniature fuses Part 2. Tubular fuse links". And GB/T 9364.2-1997 in comparison, the main technical changes are as follows.

--- Added standard specifications 6, 6, 8, 9 and 10 (see Chapter 10).

This section uses the redrafting method to modify the use of IEC 60127-2:2014 "Miniature fuses part 2. tubular fuse-links".

The technical differences between this part and IEC 60127-2:2014 and their reasons are as follows.

---About the normative reference documents, this part has made technical adjustments to adapt to China's technical conditions, adjustments the situation is reflected in Chapter 2, "Regulatory References", and the specific adjustments are as follows.

- Replace ISO 3 with GB/T 321-2005 equivalent to the international standard;
- Replace IEC 60068-2-20 with GB/T 2423.28-2005 equivalent to the international standard;
- Replace IEC 60127-1:2006 with GB/T 9364.1-2015 modified to adopt international standards;
- According to the citation, IEC 60249-2-5 has been added;

--- According to the actual rated value of the product, the limit value range of the pre-arcing time of the standard specification sheet 7 is "greater than 630mA~" 6.3A" is modified to "greater than 500mA~6.3A";

--- According to the actual rated value of the product, modify the "8A~10A" in the limit value range table of the pre-arcing time of the standard specification sheet 8.

"greater than 6.3A~10A";

--- According to the actual rated value of the product, modify the "8A~10A" in the limit value range table of the pre-arcing time of the standard specification sheet 9.

"greater than 6.3A~10A";

--- According to the actual rating of the product, the "400mA~10A" in the limit value range of the pre-arcing time of the standard specification sheet 10 Changed to "greater than 315mA~10A";

---Standard current increase of standard specification sheets 7, 8, 9, 10 Note "The intermediate value should be from the R20 number system in accordance with GB/T

321-2005 Select. ";

--- Removed references.

This section has made the following editorial changes.

--- According to the provisions of GB/T 1.1-2009, in the "Scope" of Chapter 1, added "the GB/T 9364 part of this section specifies the tubular fuse Technical specifications for body specifications, dimensions and construction, electrical performance, etc." this part was proposed by China Electrical Equipment Industry Association.

This part is under the jurisdiction of the National Fuse Standardization Technical Committee (SAC/TC340).

This section drafted by. China Electric Apparatus Research Institute Co., Ltd., Nanjing Sartre Technology Development Co., Ltd., Hollyland (China) Electronics Technology Co., Ltd., China Electronics Technology Standardization Institute, Dongguan Huade Electric Co., Ltd., Weikai Testing Technology Co., Ltd., Dongguan Beite Electronic Technology Co., Ltd., Baifu Electronics Co., Ltd., Cooper Electronic Technology (Shanghai) Co., Ltd., Shanghai Songshan Electronics Co., Ltd.

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1 Scope and purpose

This part of GB/T 9364 specifies the technical specifications for the standard specifications, dimensions and structure, electrical properties of tubular fuse links.

This section applies to the size of 5mm x 20mm that is usually intended to protect indoor electrical equipment, electronic equipment and components therein.

And tubular fuse-links for 6.3mm x 32mm miniature fuses.

This section also applies to miniature fuse-links with lead ends. The requirements for this type of fuse-link are given in Appendix A.

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

This part adopts the requirements of GB/T 9364.1-2015.

The purpose of this section is to. in addition to the applicable requirements of GB/T 9364.1-2015, special requirements and additional provisions for tubular fuse-links are also specified.

experiment method.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 321-2005 Priority and Priority Numbers (ISO 3:1973, IDT) GB/T 2423.28-2005 Environmental testing of electrical and electronic products - Part 2. Test methods Test T. Soldering (IEC 60068-2-20. 1979, IDT) GB/T 2423.60-2008 Environmental testing of electric and electronic products - Part 2. Test methods Test U. Terminals and overall Assembly strength (IEC 60068-2-21:2006, IDT) GB/T 9364.1-2015 - Part 1 . Definitions for miniature fuses and general requirements for miniature fuses (IEC 60127-1:2006, MOD) IEC 60249-2-5 Substrate for printed circuits - Part 2. Specification No. 5. Specification for flammability (vertical burning test) Oxygen glass woven copper laminate (Basematerialsforprintedcircuits-Part 2: Specifications-Specification no.5. Epoxidewovenglassfabriccopper-cladlaminatedsheetofdefinedflammability(verticalburn-Ingtest))

3 Terms and definitions

The terms and definitions defined in GB/T 9364.1-2015 apply to this document.

4 General requirements

This chapter of GB/T 9364.1-2015 is applicable.

5 Standard rating

This chapter of GB/T 9364.1-2015 is applicable.

6 Signs

This chapter of GB/T 9364.1-2015 is applicable with the following modifications.

6.1

increase.

e) A symbol indicating the rated breaking capacity. This symbol shall be marked between the rated current mark and the rated voltage mark.

These symbols are.

H. indicates high breaking capacity;