

ICS 43.040.10
CCS T 36



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

GB/T 31465.4-2015

**Road vehicles -- Fuse-link -- Part 4: Fuse-links with female
contacts and bolt-in contacts**

道路车辆 熔断器 第4部分：插座式和螺栓式熔断器

(English Translation)

Issued on: May 15, 2015

Implemented on: December 1, 2015

Issued by: Standardization Administration of China

Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions
4 Marks, labels and color codes
20 Light blue
25 White
30 Powder
35 Dark green

Foreword

GB/T 31465 "Road vehicles - Fuse" includes seven sections.

- Part 1. Definitions and general test requirements;
- Part 2. User's Guide;
- Part 3. blade fuse;
- Part 4. fuse socket and bolt;
- Part 5. board fuse;
- Part 6. Bolt-voltage fuse;
- Part 7. Short pin fuses.

This section GB/T Part of 431,465.

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

This section uses redrafted modification method using ISO 8820-4:2010 "Road vehicles - Fuse - Part 4. Box-type fuse socket Breaker (A type) and bolt fuse (B type) and the test fixture "in the development.

This part of ISO 8820-4:2010 technical differences and the reasons are as follows.

- Of Chapter 2, this section has been adjusted technical differences, or both will be transformed into our standard international standards change for our standards, see Chapter 2.
- In order to facilitate the use of standards for the text refer to the GB/T 31465.1 terms of

numbers are added.

--- The 5.1 "test sequence shall be specified in Table 2" Move to 5.2, in line with the requirements of the standard write.

--- Complement to A and B-type fuses described in 5.1.

--- Original temperature requirements 5.11.2 industry agreed that the limit is too wide, part of the increased "or negotiated by both parties agreed to" increase Operability standards.

--- Table 3 to remove the Japanese and American specifications of wire cross-sectional area (AB), retaining only the national standard.

--- Reference to Part 3, the fusing time and current gradient two requests increased "after the fuse at rated voltage by fuses the current should not exceed 0.5mA ".

--- Original content and climate load 5.12 5.6 repeat, and the lack of specific requirements, belonging to the original error, delete this section 5.12, the same when the contents of the corresponding adjustment table 2, and 5.12 delete references involved in ISO 16750-4.

--- Original Chapter 7 bolts, washers and nuts not given requirements, supplemented this part with reference to Section 5, to increase the standard of Operability, and a corresponding increase in the reference standard. And other standards to be consistent, while increasing operability standards, increased "The figure does not specify dimensional tolerances GB T 1804 shall comply with the provisions of the tolerance level /", Chapter 2, the corresponding increase in references standard.

--- Original Type B1 and B2 type fuse terminal is not given thickness dimension in this section refer JASOD622.2011 in Figures 6, 7 and Table 10, the t size.

--- Original pictures have a lot of obvious errors, some belong mislabeled, and some real car assembly not on this part have been adjusted.

The lead position 4 in Fig. 8, 9 made a change, FIG. 9 dimensions 15 ± 0.1 to 15.

--- 6.4 Naming example, in accordance with industry practice increases the rated voltage.

Editorial changes as follows.

--- With the decimal point as the decimal comma instead of the original "''";

--- Delete foreword international standards;

--- According to GB/T 1.1 seek to amend the scope of the definition or description and other text format.

This part is proposed by the National Development and Reform Commission.

This part of the National Automotive Standardization Technical Committee (SAC/TC114) centralized.

This section drafted by. China Automotive Technology and Research Center, Anhui Jianghuai Automobile Co., Aerospace Technology Holdings shares have Ltd., Zhengzhou Yutong Bus Co., Ltd., Henan days the sea Electric Co., Ltd., Changsha Automobile Electric Institute, the Pacific Seiko, United States Special forces office in Shanghai, Zhengzhou Yue Bo Auto Electric Co., Ltd. Chongqing Lifan passenger cars, Kyrgyzstan door Fuse Manufacturing (Xiamen) Co., the company, Baoding Great Wall Automobile Auto Parts Co., Mander.

Drafters of this section. Xu Xiang Xiu, Wang Yihai, Weijing Jun, Lu Changjun, Wangrong Xi, Hu Meng Jiao, pool Yongjie, quiet, Zhangyong Ying, Chen Yukang, Chen reng Thailand, Wang Guohui.

Road vehicles - Fuse Part 4. fuse socket and bolt

1 Scope

This section provides road vehicles and bolt receptacle fuse color code, test, and size and other requirements.

This section applies to a rated voltage of 32V or 58V, rated current is less than 140A, 1000A capacity fuse socket formula (A Type) and bolt (B type) fuses.

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 97.1 flat washer A Grade (GB/T 97.1-2002, eqv ISO 7089:2000) GB/T 1804 General tolerances for linear and angular dimensions without individual tolerance (GB/T 1804-2000, eqv ISO 2768-1. 1989) GB/T 5783 full thread hex head bolts (GB/T 5783-2000, eqv ISO 4017:1999) GB/T 61701 type hexagon nuts (GB/T 6170-2000, eqv ISO 4032:1999) GB/T 25085 Road vehicles 60V and 600V single-core wire (GB/T 25085-2010, ISO 6722:2006, IDT) GB/T 31465.1-2015 road vehicle fuses Part 1. Definitions and general test requirements (ISO 8820-1:2008, MOD)

3 Terms and Definitions

GB/T 31465.1-2015 defined terms and definitions apply to this document.

4 Marks, labels and color codes

Shall comply with GB/T 31465.1-2015 in Chapter 4 and in Table 1.

Table 1 Fuses Color

Current Rating

Colour