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CCS T 36



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

GB/T 31465.5-2015

**Road vehicles -- Fuse-link -- Part 5: Fuse-links with axial
terminals (strip fuse-links)**

道路车辆 熔断器 第5部分：板型熔断器

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Marks, labels and color codes

Foreword

GB/T 31465 "Road vehicles - Fuse" consists of seven parts.

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

This section uses redrafted Law Amendment uses ISO 8820-5:2007 "Road vehicles - Fuse - Part 5. SF30 and SF51 Chip-type fuses and test fixtures "were developed.

This part of ISO 8820-5:2007 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.

--- 5.1.1 of the "test sequence shall be specified in Table 2" Move to 5.1.2, which is more logical and write standard requirements.

--- 6.1.1 adds SF30 fuse size, see Figure 2.

--- 6.2.1 adds SF51 fuse size, see Figure 3.

--- On international standards and tolerance bolts, nuts and washers references to the corresponding national standards. 7.2 in the original Decentralized and centralized depicted in FIG specified in the table.

--- Deleted text unused ISO 8820-2 reference files.

--- Note 5.8.1 will move to Table 2, the preparation of standard requirements.

--- Table 1, Table 3 and Table 4 supplements SF51 type parameter 40 ~ 70A, in order to meet the current needs of the market. And added note release. Table 5 "80A ~ 250A" adjusted "40A ~ 250A".

--- Add notes in 5.1.2. If the agreement between temperature rise test may be done with reference to the rest of the series of standard provisions. Maintainer line Column harmonization of standards, increased operability.

--- 6.1.2 named in accordance with industry practice example increased 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.

1 Scope

This section provides road vehicle fuse panel color code, test, and size and other requirements.

This section applies to the rated voltage of 32V, rated current of 30A to 500A, the capacity of the fuse plate 2000A (including SF30 and SF51 type 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 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 6170 1 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 - the source prints this table flattened into a single run of cells, so the pairing between current rating and colour cannot be reconstructed. Current Rating, SF30 type, SF51 type: 30 Orange -, Green 40, 50 red, 60 Yellow, 70 Brown.