

Road vehicles — Fuse-links —

Part 7: Fuse-links with tabs (Type G) with rated voltage of 450 V

ICS 43.040.10

National foreword

This British Standard was published by BSI. It is the UK implementation of ISO 8820-7:2007.

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A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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*Partie 7: Fusibles avec languettes (de type G) avec une tension
nominale de 450 V*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8820-7 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 3, *Electrical and electronic equipment*.

ISO 8820 consists of the following parts, under the general title *Road vehicles — Fuse-links*:

- *Part 1: Definitions and general test requirements*
- *Part 2: User's guide*
- *Part 3: Fuse-links with tabs (blade type)*
- *Part 4: Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures*
- *Part 5: Fuse-links with axial terminals (Strip fuse-links) Types SF 30 and SF 51 and test fixtures*
- *Part 6: Single-bolt fuse-links*
- *Part 7: Fuse-links with tabs (Type G) with rated voltage of 450 V*

Road vehicles — Fuse-links —

Part 7:

Fuse-links with tabs (Type G) with rated voltage of 450 V

1 Scope

This part of ISO 8820 specifies fuse-links with tabs (Type G) in road vehicles. This type of fuse-link is basically designed for use in fuel-cell applications. This part of ISO 8820 establishes, for this fuse-link type, the rated current, test procedures, performance requirements and dimensions.

This part of ISO 8820 is applicable for fuse-links with a rated voltage of 450 V, a current rating of ≤ 70 A and a breaking capacity of 2 000 A intended for use in road vehicles at a nominal voltage up to 450 V.

This part of ISO 8820 is intended to be used in conjunction with ISO 8820-1:—¹⁾ and ISO 8820-2. The numbering of its clauses corresponds to that of ISO 8820-1:—¹⁾, the requirements of which are applicable except where modified by requirements particular to this part of ISO 8820.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6722, *Road vehicles — 60 V and 600 V single-core cables — Dimensions, test methods and requirements*

ISO 8092-1, *Road vehicles — Connections for on-board electrical wiring harnesses — Part 1: Tabs for single-pole connections — Dimensions and specific requirements*

ISO 8820-1:—¹⁾, *Road vehicles — Fuse-links — Part 1: Definitions and general test requirements*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 8820-1:—¹⁾ apply.

1) To be published. (Revision of ISO 8820-1:2002)