INTERNATIONAL STANDARD

ISO 8820-3

Third edition 2010-06-01

Road vehicles — Fuse-links —

Part 3:

Fuse-links with tabs (blade type) Type C (medium), Type E (high current) and Type F (miniature)

Véhicules routiers — Liaisons fusibles —

Partie 3: Liaisons fusibles à languette (type plat) type C (moyen), type E (courant fort) et type F (miniature)

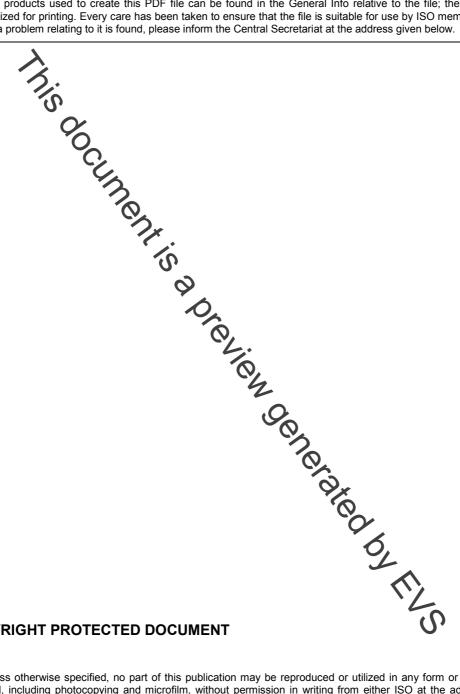


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Foreword

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

This third edition cancels and replaces the second edition (ISO 8820-3:2002), which has been technically revised.

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) Type C (medium), Type Dhigh current) and Type F (miniature)
- 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 👽 51 and test fixtures
- Part 6 Single-bolt fuse-links
- Part 7: Fuse-links with tabs (Type G) with rated voltage of 450 V

The following parts are under preparation:

- Part 8: Fuse-links with bolt-in contacts (Type H and J) with rated voltage of 450 V
- Part 9: Fuse-links with shortened tabs (Type D)

Road vehicles — Fuse-links —

Part 3:

Fuse-links with tabs (blade type) Type C (medium), Type E (high current) and Type F (miniature)

1 Scope

This part of ISO 8820 specifies fuse-links with tabs (blade-type) Type C (medium), Type E (high current) and Type F (miniature) for use in road vehicles. It establishes, for these fuse-link types, the rated current, test procedures, performance requirements and dimensions.

This part of ISO 8820 is applicable for fuse-links with a rated voltage of 32 V or 58 V, a current rating of \leq 100 A and a breaking capacity of 1 \sim A intended for use in road vehicles.

This part of ISO 8820 is intended to be used in conjunction with ISO 8820-1 and ISO 8820-2. The numbering of its clauses corresponds to that of ISO 8820-1, whose requirements 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 undate references, the latest edition of the referenced document (including any amendments) applies.

ISO 2768-1, General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications

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

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

ISO 8820-2, Road vehicles — Fuse-links — Part 2: User's guide

3 Terms and definitions

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

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