BS ISO 8820-10:2015

BSI Standards Publication

Road vehicles — Fuse-links

Part 10: Fuse-links with tabs Type L (high current miniature)

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National foreword

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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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Road vehicles — Fuse-links —

Part 10: Fuse-links with tabs Type L (high current miniature)

Véhicules routiers — Liaisons fusibles —

Partie 10: Liaisons fusibles à languette (type plat) type L (courant fort miniature)

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Case postale 56 • CH-1211 Geneva 20
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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 32, *Electrical and electronic components and general system aspects.*

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 guidelines*

— *Part 3: Fuse-links with tabs (blade type) Type C (medium), Type E (high 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 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*

— *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 K)*

— *Part 10: Fuse-links with tabs Type L (high current miniature)*

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INTERNATIONAL STANDARD ISO 8820-10:2015(E)

Road vehicles — Fuse-links —

Part 10: Fuse-links with tabs Type L (high current miniature)

1 Scope

This part of ISO 8820 specifies fuse-links with tabs (blade type) Type L (high current miniature) for use in road vehicles. It 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 32 V, a current rating of ≤60 A, and a breaking capacity of 1 000 A intended for use in road vehicles.

This part of ISO 8820 is intended to be used in conjunction with ISO 8820-1 and with 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 documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

ISO 8820-2, *Road vehicles — Fuse-links — Part 2: User guidelines*

3 Terms and definitions

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

4 Marking, labelling, and colour coding

See ISO 8820-1 and Table 1.

Table 1 — Fuse-link colour coding

Current rating A	Colour
20	yellow
25	white
30	green
35	dark green
40	orange
50	red
60	blue

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