

This is a preview of "ISO 8820-8:2012". [Click here to purchase the full version from the ANSI store.](#)

First edition
2012-08-01

Road vehicles — Fuse-links —

Part 8:

Fuse-links with bolt-in contacts (Type H and J) with rated voltage of 450 V

Véhicules routiers — Liaisons fusibles —

Partie 8: Liaisons fusibles avec contacts boulonnés (type H et J) à tension nominale de 450 V



Reference number
ISO 8820-8:2012(E)

© ISO 2012



COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

This is a preview of "ISO 8820-8:2012". Click here to purchase the full version from the ANSI store.

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Marking, labelling	1
5 Tests and requirements	1
5.1 General	1
5.2 Voltage drop	3
5.3 Transient current cycling	4
5.4 Environmental conditions	4
5.5 Operating time rating	4
5.6 Current steps	5
5.7 Breaking capacity	5
5.8 Strength of terminals	5
5.9 Temperature rise test	6
5.10 Resistance against temperature shock	7
6 Dimensions	7
6.1 Type H	7
6.2 Type J	8
7 Test fixture	9
7.1 Test fixture for fuse-links Type H and Type J	9
Annex A (informative) Classification	11
Bibliography	12

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 8820-8 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) 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 450V*
- *Part 8: Fuse-links with bolt-in contacts (Type H and J) with rated voltage of 450V*
- *Part 9: Fuse-links with shortened tabs (Type K)*

The following part is under preparation:

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