

ISO 8820-4:2016-11 (E)

Road vehicles - Fuse-links - Part 4: Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Marking, labelling and colour coding	1
5 Tests and requirements	2
5.1 General	2
5.2 Test sequence	4
5.3 Test cable sizes	5
5.4 Voltage drop	5
5.4.1 Tests	5
5.4.2 Requirements	5
5.5 Transient current cycling	6
5.5.1 Test	6
5.5.2 Requirements	6
5.6 Environmental condition	7
5.7 Operating time-rating	7
5.7.1 Test	7
5.7.2 Requirements	7
5.8 Current steps	8
5.8.1 Test	8
5.8.2 Requirements	8
5.9 Breaking capacity	8
5.9.1 Test	8
5.9.2 Requirements	8
5.10 Strength of terminals	8
5.10.1 Test for fuse-links of types A1, A1S, A2, A3 and A4	8
5.10.2 Requirements	9
5.10.3 Test for fuse-links of types B1 and B2	9
5.10.4 Requirements	9
5.11 Temperature rise	9
5.11.1 Test	9
5.11.2 Requirements	10
5.12 Rapid change of temperature with specified transition duration	10
6 Dimensions	10
6.1 Fuse-links types A1, A2 and A3	10
6.2 Fuse-links types A1S and A4	11
6.3 Fuse-links types B1 and B2	12
6.4 Designation	13
7 Test fixtures	14
7.1 Test fixture for fuse-links types A1, A1S, A2, A3 and A4	14
7.2 Test fixture for fuse-links type B1	15
7.3 Test fixture for fuse-links type B2	16

Annex A (informative) Tab dimensions for fuse-boxes	17
Bibliography	18