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