

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