

ISO 10924-5:2016-04 (E)

Road vehicles - Circuit breakers - Part 5: Circuit breakers with bolt with rated voltage of 450 V

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
5.1.1	General test conditions	2
5.1.2	Test sequence plan	2
5.1.3	Test cable sizes	3
5.2	Voltage drop	4
5.2.1	Purpose	4
5.2.2	Tests	4
5.2.3	Requirements	4
5.3	Maximum housing temperature	5
5.4	Environmental conditions	5
5.5	Operating time-rating	5
5.5.1	Purpose	5
5.5.2	Tests	5
5.5.3	Requirements	5
5.6	Current steps	5
5.7	No current trip and reset temperature	5
5.8	Absolute breaking capacity	6
5.8.1	Tests	6
5.8.2	Requirements	6
5.9	Breaking capacity	6
5.9.1	Tests	6
5.9.2	Requirements	6
5.10	Strength of terminals	6
5.10.1	Tests	6
5.10.2	Requirements	7
5.11	Endurance	7
5.11.1	Tests	7
5.11.2	Requirements	7
5.12	Dielectric strength	7
5.12.1	Tests	7
5.12.2	Requirement	7
5.13	Pulse test	7
5.13.1	Purpose	7
5.13.2	Test	7
5.13.3	Requirement	8
6	Dimensions and designation example	9
Bibliography		10