

ISO 10924-3:2025-04 (E)

Road vehicles - Circuit breakers - Part 3: Miniature circuit breakers with tabs (Blade type), Form CB11

Contents

Page

- Foreword..... iv
- 1 Scope..... 1
- 2 Normative references..... 1
- 3 Terms and definitions..... 1
- 4 Marking, labelling, and colour coding..... 2
- 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..... 4
 - 5.4 Environmental conditions..... 4
 - 5.5 Operating time-rating..... 4
 - 5.5.1 Purpose..... 4
 - 5.5.2 Tests..... 4
 - 5.5.3 Requirements..... 4
 - 5.6 Current steps..... 5
 - 5.7 No current trip and reset temperature..... 5
 - 5.8 Absolute breaking capacity..... 5
 - 5.8.1 Purpose..... 5
 - 5.8.2 Tests..... 5
 - 5.8.3 Requirements..... 5
 - 5.9 Breaking capacity..... 5
 - 5.9.1 Purpose..... 5
 - 5.9.2 Tests..... 5
 - 5.9.3 Requirements..... 6
 - 5.10 Strength of terminals..... 6
 - 5.11 Endurance..... 6
 - 5.11.1 Purpose..... 6
 - 5.11.2 Tests..... 6
 - 5.11.3 Requirements..... 6
 - 5.12 Dielectric strength..... 7
 - 5.12.1 Purpose..... 7
 - 5.12.2 Tests..... 7
 - 5.12.3 Requirement..... 7
- 6 Dimensions and designation examples..... 7
 - 6.1 Dimensions..... 7
 - 6.2 Designation examples..... 8
 - 6.2.1 Category B..... 8
 - 6.2.2 Category C..... 9
 - 6.2.3 Category D..... 9
 - 6.2.4 Category F and G..... 10
 - 6.2.5 Category H..... 11