ISO 10924-4:2025-04 (E)

Road vehicles - Circuit breakers - Part 4: Medium circuit breakers with tabs (Blade type), Form CB15

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 3

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 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 5

5.8.1 Purpose 5

5.8.2 Tests 6

5.8.3 Requirements 6

5.9 Breaking capacity 6

5.9.1 Purpose 6

5.9.2 Tests 6

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 7

5.12 Dielectric strength 7

5.12.1 Purpose 7

5.12.2 Tests 7

5.12.3 Requirement 7

6 Dimensions and designation example **8**

6.1 Dimensions 8

6.1.1 Category A 8

6.1.2 Category B 9

6.1.3 Category C 9

6.1.4 Category D 10

6.1.5 Category E 10

6.1.6 Categories F and G 11

6.1.7 Category H 11

6.1.8 Category J 12

6.1.9 Category K 12

6.2 Designation example 13