ISO 16750-4:2006-08 (E)

Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Operating temperature ranges 2

5 Tests and requirements 3
5.1 Tests at constant temperature 3
5.2 Temperature steps 4
5.3 Temperature cycling 5
5.4 Ice water shock test 8
5.5 Salt spray 12
5.6 Humid heat, cyclic 13
5.7 Damp heat, steady state 14
5.8 Corrosion test with flow of mixed gas 14
5.9 Solar radiation 15

6 Codes for climatic loads 15

7 Protection against dust and water 15

8 Documentation 15

Annex A (informative) Usual tests and requirements for equipment depending on the mounting location 16