

DIN EN 15213-3:2013-08 (E)

Intelligent transport systems - After-theft systems for the recovery of stolen vehicles - Part 3: Interface and system requirements in terms of short range communication system

| Contents | | Page |
|-----------------------|--|-------------|
| Foreword | | 3 |
| Introduction | | 4 |
| 1 | Scope | 5 |
| 2 | Normative references | 5 |
| 3 | Terms and definitions | 6 |
| 4 | Symbols and abbreviations | 7 |
| 5 | Requirements for Short Range Operations | 9 |
| 5.1 | Detailed Architecture Diagrams and Sequence Diagrams | 9 |
| 5.2 | Identification Function | 13 |
| 5.3 | Remote Activation Function | 13 |
| 5.4 | Remote Deactivation Function | 14 |
| 5.5 | Remote Degradation Function (optional) | 15 |
| 5.6 | Theft Indication Function | 16 |
| 5.7 | Interaction Sequences | 16 |
| 6 | Operating Characteristics | 17 |
| 6.1 | General | 17 |
| 6.2 | Characteristics common to both OBE and DE | 17 |
| 6.3 | Characteristics of On Board Equipment "OBE" in a vehicle | 20 |
| 6.4 | Characteristics of the Detection Equipment "DE" | 21 |
| 6.5 | Communication distance between OBE and DE | 22 |
| 6.6 | Vehicle speed limits | 22 |
| 6.7 | Minimum Number of Activations without Vehicle Battery | 22 |
| 6.8 | Discrimination among Vehicles | 22 |
| 7 | Data Elements | 23 |
| 7.1 | Introduction | 23 |
| 7.2 | Data Elements Common to both OBE and DE | 24 |
| Annex A (informative) | Regulatory issues | 26 |
| Annex B (informative) | State chart diagrams of the ATSVR processes | 27 |
| Bibliography | | 35 |