

Road vehicles — Connectors for the electrical connection of towing and towed vehicles — Connectors for electronically monitored charging systems with 12 V or 24 V nominal supply voltage

Contents

| | |
|---------|--|
| | Foreword |
| 1 | Scope |
| 2 | Normative references |
| 3 | Terms and definitions |
| 4 | Dimensional |
| 4.1 | General |
| 4.2 | Plug |
| 4.3 | Socket |
| 4.4 | Park socket |
| 5 | Application of the connector |
| 5.1 | General |
| 5.2 | Contact allocation |
| 5.3 | Contact designation |
| 5.4 | Terminals |
| 5.5 | Connecting cable |
| 5.6 | Colouring of plug and socket |
| 6 | Tests and specific requirements |
| 6.1 | General |
| 6.2 | Mismating |
| 6.2.1 | Purpose |
| 6.2.2 | Test procedure |
| 6.2.3 | Requirement |
| 6.3 | Connection and disconnection |
| 6.4 | Endurance |
| 6.5 | Mechanical strength of mounting features |
| Annex A | (normative) Minimum functionality of the monitoring device |
| A.1 | General |
| A.2 | Minimum functionalities |