|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | TECHNICAL SPECIFICATIONPlant Requirement Specification | | | |
|  | | | | Power Electronics | 00 Document Reg. No. / Page No. | | |
| 01 Plant | System | | | In-Plant Identification |  | | |
| 02 Safety Class (SC) | Functional Class | | | Location |  | | |
| 03 Status | Prepared | Reviewed | Approved | 04 Revision | Prepared | Reviewed | Approved |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

#### Requirement Specification

|  |  |  |  |
| --- | --- | --- | --- |
| 21 Type of equipment/component | | | |
| 22 Functional specification | | | |
| 23 Rated voltage, AC, input | Rated voltage, AC, output | Rated power, output | Rated frequency |
| 24 |  |  |  |
| 25 |  |  |  |
| 26 Cooling | Aux. Power supply |  |  |
| 27 Degree of protection | Mounting arrangement | Electrical connection |  |
| 28 Remarks | | | |

Service Conditions

|  |  |  |
| --- | --- | --- |
| 51  **Normal operation** | 52  **Extreme operation** | 53  **Accident Conditions** |
|  |  |  |
| Additional | Additional | Accident Transients |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| 54 Remarks | | |

General Technical and Quality Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| 71 Technical and Quality Requirements  TBE 100:1 |  |  |  |
| 72 Environmental Specifications |  | Additional Environment severities |  |
| 73 Additional Requirements | | | |
| 74 Safety Class (SC) | Functional Class | General Inspection Plan | Final Inspection plan |
| 75 Remarks | | | |

TBE93 / Blankett / tsr\_ups.doc./ 2024-06-13