



Confirmation of Test Result

Corrosion testing of photovoltaic mounting structure Assessment of effective earth continuity

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|-------------------------|---|---|
| Ref.: | Testreport-304601-TL7-1 | |
| Applicant: | Ernst Schweizer AG, Solarsysteme, Bahnhofplatz 11, 8908 Hedingen, Schweiz | |
| Manufacturer: | Ernst Schweizer AG, Solarsysteme, Bahnhofplatz 11, 8908 Hedingen, Schweiz | |
| Product: | Base Plate MSP-PR-BP 39mm Base Plate MSP-PR-BP 45mm Spacer Plate MSP-PR-SP Roof Hook MSP-PR-RHC Roof Hook MSP-PR-RHF Carrier Section MSP-PR-CH Sleeve MSP-PR-SL | |
| Standard: | DIN EN 60068-2-52:2018-08 DIN EN ISO 6988:1997-03 DIN EN 61439-1:2019-04 | Environmental testing- Salt mist Sulfur dioxide test with general condensation of moisture Low voltage and control gear assemblies 10.5.2: Effective earth continuity between the exposed conductive parts of the class 1 assembly and the protective circuit |
| Type: | see Product | |
| Test conditions: | DIN EN ISO 6988:1997-03 | |
| | Testing Time: | 24 h |
| | Chamber temperature: | 40±3 °C |
| | Test medium: | 0,2 dm ³ SO ₂ |
| Test conditions: | DIN EN 60068-2-52:2018-08 | |
| | Severity level: | 3 |
| | Testing time: | 168 h |
| | Chamber temperature: | 40±2 °C |
| | Relative Humidity: | 93±3 % |
| | Test medium: | 5±0,5 % NaCl |
| | Mist pH level: | 6.4...7.2 |
| Test conditions: | DIN EN 61439-1:2019-04 | |
| | Current: | 40 A |
| | Time: | 2 min. |
| Pass criteria: | Earth continuity: | < 0.1 Ω |



Summary of test results:

Visual Inspection:

No obvious faults or deficiencies have been found.

Earth continuity test:

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| required | max. 0,1 Ω |
| measured | max. 0,018 Ω |

The complete test results and the relevant bill of materials are given in Test Report No.: Testreport-304601-TL7-1.

VDE Renewables GmbH


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