



Confirmation of Test Result

Corrosion testing of photovoltaic mounting structure Assessment of effective earth continuity

Ref.: Testreport-279498-TL7-1
Report_ET2_184427

Applicant: Ernst Schweizer AG, Solarsysteme, Bahnhofplatz 11,
8908 Hedingen, Schweiz

Manufacturer: Ernst Schweizer AG, Solarsysteme, Bahnhofplatz 11,
8908 Hedingen, Schweiz

Product: PV mounting systems MSP-PR-SL

Standard: DIN EN 60068-2-52:2018-08 Environmental testing- Salt mist
DIN EN ISO 6988:1997-03 Sulfur dioxide test with general
condensation of moisture
DIN EN 61439-1:2019-04 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: **MSP-PR-CH & MSP-PR-SL & MSP-PR-CC**

Test conditions: DIN EN ISO 6988:1997-03

Testing Time: 24 h
Chamber temperature: 40±3 °C
Test medium: 0,2 dm³ SO₂

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: required max. 0,1 Ω
measured max. 0,038 Ω

The complete test results and the relevant bill of materials are given in Test Report No.: Testreport-279498-TL7-1 & Report_ET2_184427

VDE Renewables GmbH


Ruben Schönfelder


Jonas Brückner

63755 Alzenau, 2021-02-25

