



# Confirmation of Test Result

## Corrosion testing of photovoltaic mounting structure Assessment of effective earth continuity

**Ref.:** Testreport-264335-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 for flat roofs MSP-FR-S and MSP-FR-EW

**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-FR-S & MSP-FR-EW**

**Test conditions DIN EN ISO 6988:1997-03**

Testing Time	24 h
Chamber temperature:	40±3 °C
Test medium	0,2 dm <sup>3</sup> SO <sub>2</sub>

**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% NaCl
Mist pH level:	6,82

**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 $\Omega$
measured	max. 0,008 $\Omega$

The complete test results and the relevant bill of materials are given in Test Report No.: Testreport-264335-TL7-1 & Report\_ET2\_184427

VDE Renewables GmbH

  
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