



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 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:	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 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% 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	

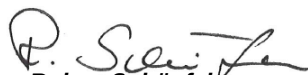


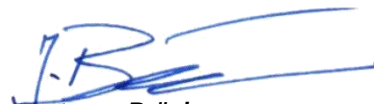
Summary of test results:

Visual Inspection:	no obvious faults or deficiencies have been found	
Earth continuity test:	required	max. 0,1 Ω
	measured	max. 0,008 Ω

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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