



Confirmation of Test Result

Corrosion testing of photovoltaic mounting structure Assessment of effective earth continuity

Ref.:	Testreport-269666-TL7-1 rev1	
Applicant:	ESDEC B.V. Londenstraat 16, 7418 EE Deventer, The Netherlands	
Manufacturer:	ESDEC B.V. Londenstraat 16, 7418 EE Deventer, The Netherlands	
Product:	PV mounting system for flat roofs FlatFix Fusion PV mounting system for pitched roofs ClickFit EVO	
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 (<i>Kesternich test</i>) 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:	FlatFix Fusion (bare metal) & ClickFit EVO (bare metal)	
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% 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. 0,025 Ω

The complete test results and the relevant bill of materials are given in Test Report No.: Testreport-269666-TL7-1 rev1

VDE Renewables GmbH


Ruben Schönfelder


Jonas Brückner

63755 Alzenau, 2020-04-24