



Confirmation of Test Result

Corrosion testing of photovoltaic mounting structure Assessment of effective earth continuity

Ref.: Testreport-28384-TL7-1

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 ESDEC ClickFit EVO Corrugated

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 (*Kesternich test*)
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: ESDEC ClickFit EVO Corrugated

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: | 4 |
| 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. 0,035 Ω

The complete test results and the relevant bill of materials are given in Test Report No.: Testreport-28384-TL7-1

VDE Renewables GmbH


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