



# IEC TS 62804-1:2015

Photovoltaic (PV) Modules - Test Methods for the detection of potential-induced degradation

Part 1: Crystalline silicone  
Confirmation of test results

**Ref.:** 10533/2020-40182

**Applicant:** SOLUXTEC SA  
74, Rte de Luxembourg, 6633 WASSERBILLIG,  
LUXEMBURG

**Product:** Crystalline Silicon Photovoltaic (PV)-Modules

**Series:** DAS MODUL Mono Serie FS

**Type:** A) DMMFSXXX

**Series:** Powerslate Mono Serie FS

**Type:** B) PSMFSXXX

XXX in the type replace the power in Watt and can be any number between: 290 – 350 for A) and B).

**Manufacturer:** Soluxtec GmbH

**Standard:** IEC TS 62804-1:2015

**Test conditions:** Methode a)

Testing time: 96 h

Chamber temperature: 60°C

Relative Humidity: 85 %

Potential to ground: +/- 1500 V

**Pass criteria:**

Power degradation: <3%

Wet insulation resistance: >40 MΩm<sup>2</sup>

Insulation resistance: >40 MΩm<sup>2</sup>

Visual Inspection: No findings



### Summary of test results:

<b>Maximum power degradation:</b>	allowed	max. 3 %
	measured	max. 0.80 %

The measured degradation is below the allowed degradation.

<b>Insulation resistance:</b>	required	min. 24.0 M $\Omega$
	measured	>1000 M $\Omega$

The measured insulation resistance is above the minimum required resistance.


<b>Wet insulation resistance:</b>	required	min. 24.0 M $\Omega$
	measured	>1000 M $\Omega$

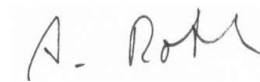
The measured wet insulation resistance is above the minimum required resistance.

<b>Visual inspection:</b>	No findings
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The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2020-40182-2.

### VDE Renewables GmbH

  
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