

**DECLARATION OF CONFORMITY**

We, Santon Holland bv, declare under our sole responsibility that the product:

ADU (described below) provided that it is installed, maintained and used in the application for which it is made, with respect of the "professional practices", relevant installation standards and manufacturer's instructions

Description:	Arc Fault Detection Unit (IP20) incl. 2x cage clamp and 2x Field installable Power connector (2P+3P)
String specifications:	Maximal or combined string voltage / current 1000VDC / 40A Number of poles 1 pole (positive or negative) Maximal cable diameter cage clamp 10mm <sup>2</sup> / AWG8
Power specifications:	Power supply 24VDC (± 10%) Current consumption (passive) 60mA Current consumption (active) 120mA Maximal cable diameter connector (2P) 2,5mm <sup>2</sup> / AWG14
Alarm specifications:	Alarm relay load (resistive) 0,3A at 125VAC; 1A at 30VDC Minimal arc detection level 100VDC - 1A (acc. 1699B UL) Maximal cable diameter connector (3P) 2,5mm <sup>2</sup> / AWG14 Arc fault detection (according) UL1699B/SU1699B - PV AFD Type 1
Other specifications:	Protection degree IP20 / NEMA1 Ambient temperature range -20°C till +50°C Storage temperature range -40°C till +85°C Humidity range (RH) 5% - 85% Weight (approx.) 120 g (excl. packaging etc.)

to which this declaration relates is in conformity with the following standard(s):

UL1699B/SU1699B & UL1998

complies with the provisions of Council Directive:

2004 / 108 / EG of December 2004, so called Electro Magnetic Compatibility Directive (EMC);  
2006 / 95 / EG of 12 December 2006, so called Low Voltage Directive (LVD);  
2011 / 65 / EG of 8 June 2011, so called Hazardous substances in electrical and electronic equipment Directive (RoHS);  
and can be incorporated in equipment coming under application to other Directives.

For Production Certificate ISO 9001:2000 no. NL011310-1 first issued by BVQI on April 17, 1992,  
Last issued by BVQI on June 17, 2013 valid until 18 June 2016.

Additional information:

This product is intended to be installed, maintained and used by professional or entitled persons.  
Year of affixing the "CE" marking: 2013

October 2014



General Manager  
M. Reddering