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Certification body of BV CPS GmbH
Accredited according to EN 45011 -
ISO / IEC Guide 65

Certificate of compliance

Applicant: AEI Power GmbH
Uracher Straße 91
72555 Metzingen
Germany

Product: Automatic disconnection device between a generator and
the public low-voltage grid

Model: 840R040
840R046

Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with DIN VDE V 0126-1-1:2013-08 for photovoltaic systems with a three-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverter. This serves as a replacement for the disconnection device with insulating function which the distribution network provider can access at any time.

Applied rules and standards:

DIN VDE V 0126-1-1:2013-08; VDE V 0126-1-1:2013-08

Automatic disconnection device between a generator and the public low-voltage grid

DIN VDE V 0124-100:2012-07; VDE V 0124-100:2012-07

Grid integration of generator plants - Low-voltage - Test requirements for generator units to be connected to and operated in parallel with low-voltage distribution networks (Functional safety; voltage, frequency and DC-current monitoring; anti-islanding detection)

DIN EN 62109-2:2011-04; VDE 0126-14-2:2012-04

Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters (residual current and isolation monitoring)

The safety concept of an aforementioned representative product corresponds at the time of issue of this certificate to the valid safety specifications for the specified use in accordance with regulations.

Report number: 14TH0128-VDE0126

Certificate number: U14-0367

Date of issue: 2014-07-18

Certification body

Dieter Zitzmann



Deutsche
Akkreditierungsstelle
D-ZE-12024-01-01



QUALITY



HEALTH



SAFETY



ENVIRONMENT



SOCIAL
ACCOUNTABILITY