



**BUREAU  
VERITAS**

**Bureau Veritas  
Consumer Products Services  
Germany GmbH**

Businesspark A96  
86842 Türkheim  
Germany  
+ 49 (0) 40 740 41 – 0  
cps-tuerkheim@de.bureauveritas.com

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

## Certificate of compliance

**Applicant:** **ABB Oy Power Conversion**  
Hiomotie 13  
FI-00380 Helsinki  
**FINLAND**

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

**Model:** **PRO-33.0-TL-OUTD-400**  
**PRO-33.0-TL-OUTD-S-400**  
**PRO-33.0-TL-OUTD-SX-400**

### 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:** **13TH0463-VDE0126**  
**Certificate number:** **U14-0265**  
**Date of issue:** **2014-04-29**

### Certification body

Dieter Zitzmann



Deutsche  
Akkreditierungsstelle  
D-ZE-12024-01-01



QUALITY



HEALTH



SAFETY



ENVIRONMENT



SOCIAL  
ACCOUNTABILITY