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Certificate of compliance

Applicant: ABB Oy
Hiomotie 13
FI-00380 Helsinki
Finland

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

Model: PVS300-TL-3300W-2; PVS300-TL-4000W-2;
PVS300-TL-4600W-2; PVS300-TL-6000W-2;
PVS300-TL-8000W-2

Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with Engineering Recommendation G83/1 for photovoltaic systems with a single-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 isolating function that can access the distribution network provider at any time.

Applied rules and standards :

DIN V VDE V 0126-1-1:2006-02 (Redundancy) and Engineering Recommendation G83/1: The PVS300-TL-3300W-2 are rated <16A per phase, the PVS300-TL-4000W-2, PVS300-TL-4600W-2, PVS300-TL-6000W-2 and the PVS300-TL-8000W-2 are rated >16A. However all requirements of G83/1 are fulfilled.

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

Report number: 10TH0490-G83-1
Certificate nummer: U11-842
Date of issue: 2011-09-14 **Valid until:** 2014-09-13

Achim Hänchen