



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

Certificate of compliance

Applicant: SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

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

Model: SB 240-10 com Multigate-10

Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with EN50438:2007 for photovoltaic systems with a single-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device in this case is assumed by the Multigate-10 and isn't part of the aforementioned inverter with transformer. 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:

EN 50438:2007,
Requirements for the connection of micro-generators in parallel with the public low-voltage distribution networks.

The following parameters according to EN 50438:2007 were applied.

Under voltage limit: 195,5V

Upper voltage limit: 264,5V

Under frequency limit: 47,0Hz

Upper frequency limit: 51,0Hz

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

Report number: 13TH0426-EN50438
Certificate number: U13-0856
Date of issue: 2013-12-13 **Valid until:** 2016-12-13

Certification body

Dieter Zitzmann



Deutsche
Akkreditierungsstelle
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QUALITY



HEALTH



SAFETY



ENVIRONMENT



SOCIAL
ACCOUNTABILITY