



**BUREAU
VERITAS**

Certificate of compliance

Applicant: DELIOS s.r.l
Corso Noblesville 10
35013 Cittadella (PD)
Italy

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

Model: DLS 300, DLS 450, DLS 450H, DLS 600,
DLS 300C, DLS 450C, DLS 600C,
DLS 230AC, DLS 300AC, DLS 450AC

Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with DIN VDE V 0126-1-1:2013-08 for 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 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: 170473LP
Certificate number: U18-0520
Date of issue: 2018-09-13

Certification body



Holger Schaffer

Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to DIN EN ISO/IEC 17065