



Certificate of compliance

Applicant: ZIEHL industrie-elektronik GmbH+Co KG
Daimlerstrasse 13
74523 Schwäbisch
Hall Germany

Product: Network and System protection (NS-protection) unit

Model: UFR1001E

Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with EN 50438:2013 for 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.

Applied rules and standards:

EN 50438:2013, I.S. EN 50438:2013

Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks

DIN V VDE V 0126-1-1:2006-02 (Functional safety)

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

The following deviations for Ireland according to EN50438:2013 were applied:

Under voltage limit: 207V
Upper voltage limit: 253V
Under frequency limit: 48,0Hz
Upper frequency limit: 50,5Hz

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: 11TH0501_EN50438_0
Certificate number: U18-0661
Date of issue: 2018-12-05

Certification body



Holger Schaffer

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

