Declaration of Conformity

Product Type: Photovoltaic Three Phase Grid Tie Inverter

Models: Conext CL 20000E, Conext CL 25000E

The above models were tested for following standards.

IEC/EN 62109-1: 2010
Safety of power converters for use in photovoltaic power systems – Part 1: General requirements

IEC/EN 62109-2: 2011
Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters

EN 50438: 2013
Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks

IEC 62116: 2014
Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures

The following values with Ireland requirement were applied:

Under voltage limit (stage 1): 35.0V, 0.5 s
Under voltage limit (stage 2): 191.0V, 3 s
Over voltage limit (stage 1): 258.0V, 0.7 s
Lower frequency limit (stage 1): 47.0Hz, 0.5 s
Lower frequency limit (stage 2): 47.5Hz, 20 s
Upper frequency limit (stage 1): 52.5Hz, 0.5 s
Upper frequency limit (stage 2): 52.0Hz, 20 s

Signed on: 2016-07-14

Schneider Electric Solar Inverters USA, Inc., 250 S. Vasco Rd., Livermore, CA 94551

Xavier Datin
Vice President
Solar Residential