



Wels, February 22nd 2018

CONFORMITY WITH GRID CODE REQUIREMENTS

Fronius International GmbH

Hereby confirms that the inverter series

/ Fronius Symo 10.0-3-M – 20.0-3-M

fulfils the standard VDE-AR-N 4105.

The pre-configured values of country setup “60Hz” are the following:

Parameters	Value	Time	
Under Voltage limit	190V	Trip 11 cycles	Adjustable to -10 % on inverter display
Over voltage limit	264V	Trip 11 cycles	Adjustable to +10 % on inverter display
Under frequency	58Hz	Trip 11 cycles	Adjustable to 59.5 Hz on inverter display
Over frequency	62Hz	Trip 11 cycles	Adjustable to 60.5 Hz on inverter display
Active Anti-Islanding	Reactive power disturbance (2,0 seconds)		
Reconnection time	200 seconds	Adjustable to 300 seconds on inverter display	
Power factor	1	Adjustable on inverter display	
DC injection trip	< 0.5% of nominal current	Adjustable from 0 to 1	
Flicker P_{St}	< 0.45%		
THD	< 2.5%		

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