

Enlighten

Grid Profile Settings Report

Generated for William Strijks
on 07/19/2019

EN50438:2013 Poland

Parameter Name	Value	
Grid Specification		
Reference voltage	230.0 V	
Nominal frequency	50.00 Hz	
Voltage limits		
Over voltage disconnect	Time	Magnitude
Limit (fast)	200 ms	264.50 V
Average over voltage	253.00 V	
Under voltage disconnect	Time	Magnitude
Limit	1,500 ms	195.50 V
Reconnect voltage	Magnitude	
High	253.00 V	
Low	195.50 V	
Frequency limits		
Over frequency disconnect	Time	Magnitude
Limit	500 ms	52.00 Hz
Under frequency disconnect	Time	Magnitude
Limit	500 ms	47.50 Hz
Reconnect frequency	Magnitude	
High	50.05 Hz	
Low	47.50 Hz	
Reconnect		
Start / Reconnect time	60 s	
Anti-islanding reconnect time (short)	60 s	
Anti-islanding reconnect time (long)	60 s	
Apply limits after voltage trip	Yes	
Apply limits after frequency trip	Yes	
Apply limits after anti-islanding trip	Yes	

Apply limits after rate of change of frequency trip	No
Apply limits after vector shift trip	No
Ramp Rates	
Soft-start ramp rate	0.17 %/s
DC Current Injection	
DC current injection mode	Fast
Islanding detection	
Islanding detection enabled	Yes
Over frequency power limit	
Over frequency power limit enabled	Yes
Start frequency	50.20 Hz
Ramp down rate	40.00 %/Hz
Hysteresis	No
Ramp up frequency (max)	50.20 Hz
Ramp up frequency (min)	47.50 Hz
Ramp up delay time	0.0 s
Ramp up rate	0.170 %/s
Ramp up rate (low)	0.170 %/s

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