

<b>Product Certificate Number</b>	<b>20499-1-CER</b>
<b>Applicant</b>	Vacon Ltd. Runsorintie 7. 65380. Vaasa, Finland
<b>Series</b>	NX series
<b>Models/</b>	NXA XXXXX Air cooled / <b>Models:</b> See page 2
<b>Type of generating unit</b>	Grid converters
<b>Technical Data</b>	See page 2
<b>Software version</b>	ARFIF106
<b>Network connection code/Standard</b>	<b>CEI 0-16. 04-2019.</b> Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti AT ed MT delle imprese distributrici di energia elettrica.  <b>CEI 0-21. 04-2019.</b> Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica.

Having assessed the report number: 20499-1-TR performed by CERE (Accredited Laboratory Nº 5314.01) based on the requirements of the EN ISO/IEC 17025: 2017.

The above-mentioned generating unit complies with the requirements of the:

**CEI 0-16. 04-2019.** Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti AT ed MT delle imprese distributrici di energia elettrica.

**CEI 0-21. 04-2019.** Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica.

This certification is according the CERE internal process PET-CERE-09 Rev 27 based on the requirements of the EN ISO/IEC 17065:2012. For this certification process the conformity assessment activities were based on:

- Testing of production samples selected by CERE.
- Audit of quality system according ISO 9001 with certificate number: DK009881-113 issued by a certification body accredited according EN ISO/IEC 17021.
- Inspection of the manufacturing process.

Madrid, August 14, 2020. This certificate is valid until August 14, 2023

Miguel Martínez Lavin  
Certification Manager

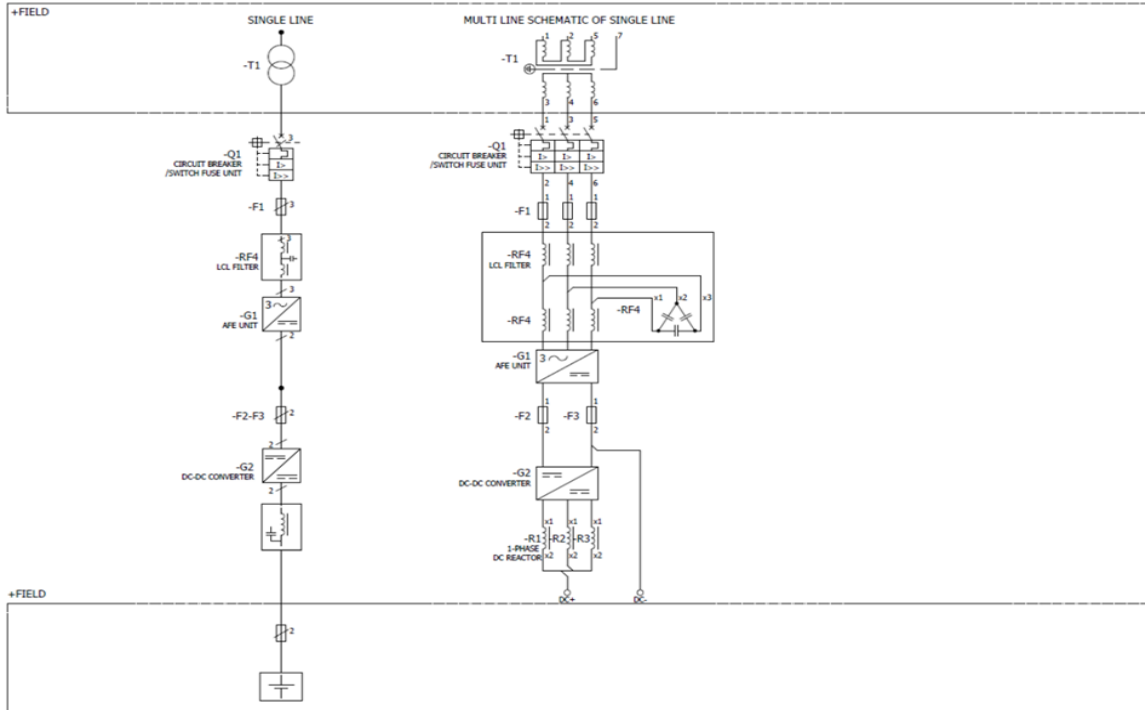
**Models:**

NXA XXXXX Air Cooled					
NXA01685	FI9		NXA01256	FI9	
NXA02055	FI9		NXA01446	FI9	
NXA02615	FI9		NXA01706	FI9	
NXA03855	FI10		NXA02616	FI10	
NXA04605	FI10		NXA03256	FI10	
NXA11505	FI13		NXA09206	FI13	
NXA13005	FI13		NXA10306	FI13	

**Technical data**

Grid Converters – Air cooled					
Grid converter module	Freme size	Apparent current @pf 1,0	Current Rating	AC Voltage range	Nominal AC Voltage
NXA01685	FI9	170A	140A	380-500V	400V
NXA02055	FI9	205A	170A	380-500V	400V
NXA02615	FI9	261A	205A	380-500V	400V
NXA03855	FI10	385A	300A	380-500V	400V
NXA04605	FI10	460A	385A	380-500V	400V
NXA11505	FI13	1150A	1030A	380-500V	400V
NXA13005	FI13	1300A	1150A	380-500V	400V
NXA01256	FI9	125A	100A	525-690V	600V
NXA01446	FI9	144A	125A	525-690V	600V
NXA01706	FI9	170A	144A	525-690V	600V
NXA02616	FI10	261A	208A	525-690V	600V
NXA03256	FI10	325A	261A	525-690V	600V
NXA09206	FI13	920A	820A	525-690V	600V
NXA10306	FI13	1030A	920A	525-690V	600V

Electrical Diagram of NXA04605



The sample selected to test was representative of the production.  
The sample was selected in:

Vacon Oy Ltd  
Runsoritie 7  
65830. Vaasa, Finland

Sample Report Number:

20499-1-TM

The inspection of manufacturing process was performed in:  
On December 16, 2019

Vacon Oy Ltd  
Runsoritie 7  
65830. Vaasa, Finland

Inspection Report Number:

20095-19-1-IF

**RECORD OF CHANGES**

Revision	Modification / Changes	Date
0	Initial version	14/08/2020