

Replacement of 2400 Output Capacitors – 3 x P/N: KP7087

1

Switch off the converter and wait 5 minutes before you remove any covers / panels to replace the Output Capacitors.



Warning!


Capacitors remain charged to dangerous voltages.
Discharge time: 5 minutes


Please remove the protective cover located behind the front door.

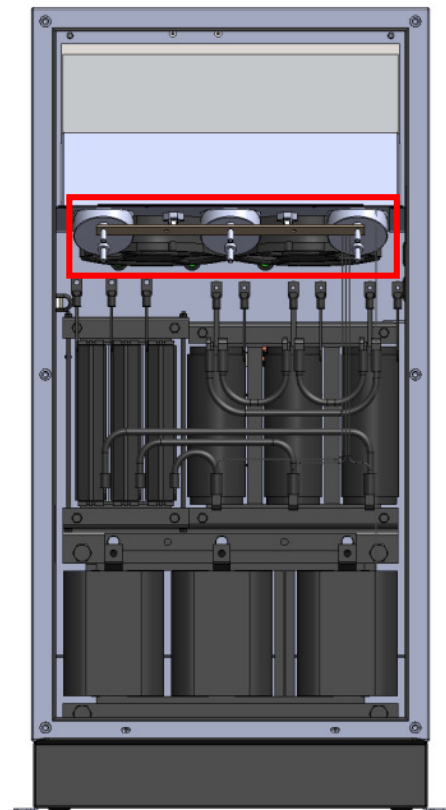
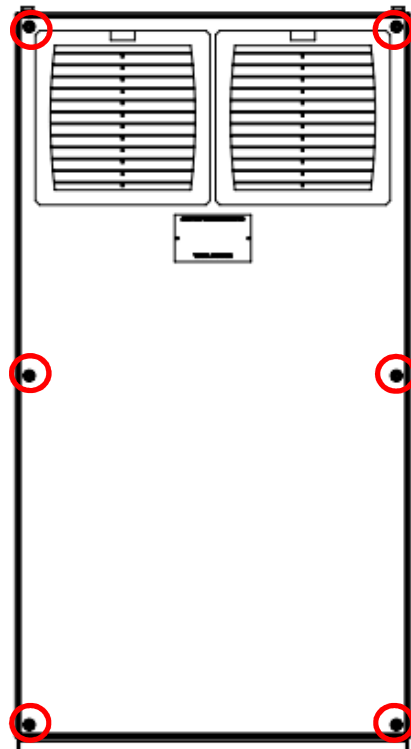
Caution!

Check that DC Voltage on the DC-Busbar, has discharged before proceeding.

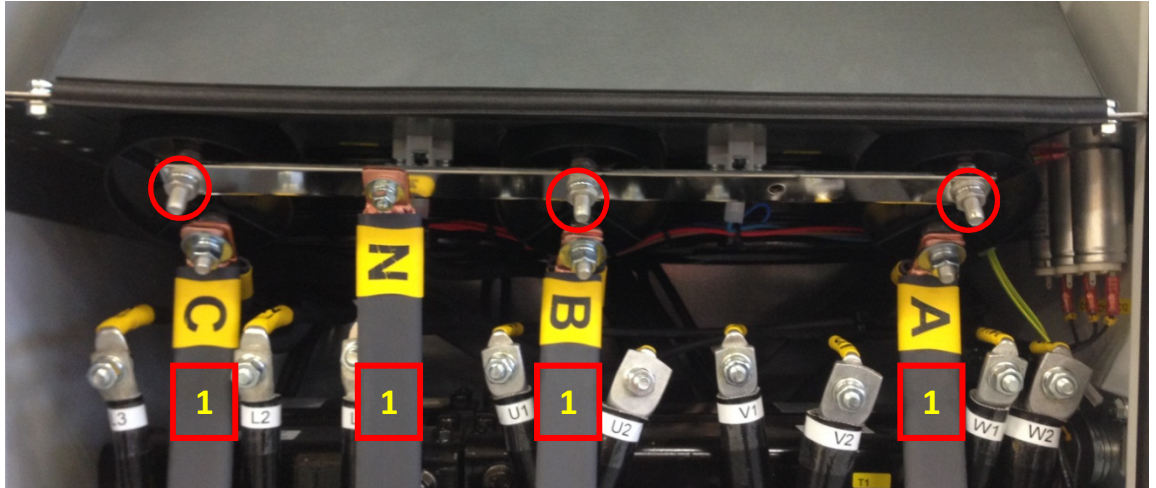
2

Remove the back panel by loosen the 6 bolts  on the back side.

The Output Capacitors C7 - C8 - C9 are located on the back side of the unit marked 



1. Take out bolts / nuts and disconnect 2 x A-B-C-N cables from Output Capacitors **1**
2. Take out bolts / nuts marked **○** and remove the N – busbar.



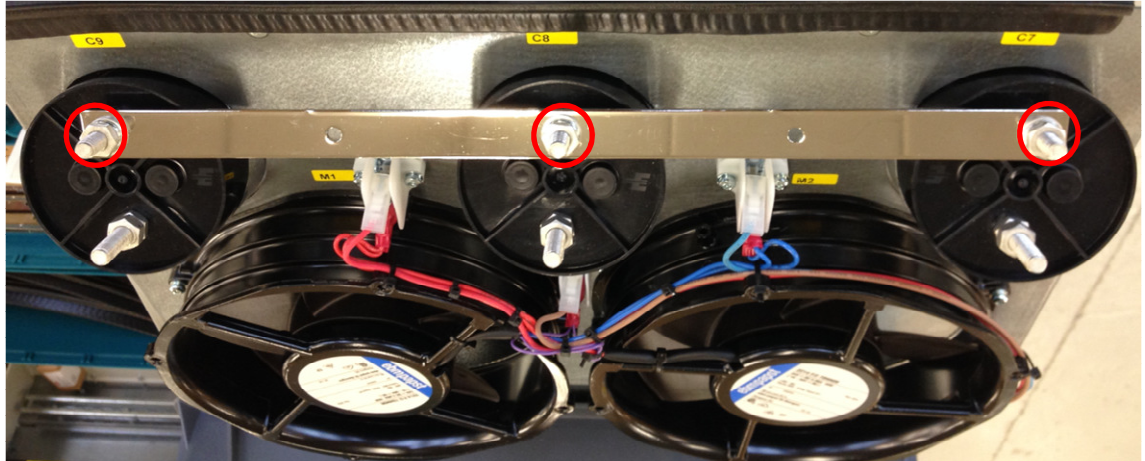
3. Unscrew the capacitors nuts **○** one by one and slide out the capacitors towards yourself.
(nuts located on back/top of the Fans & Capacitor assembly)



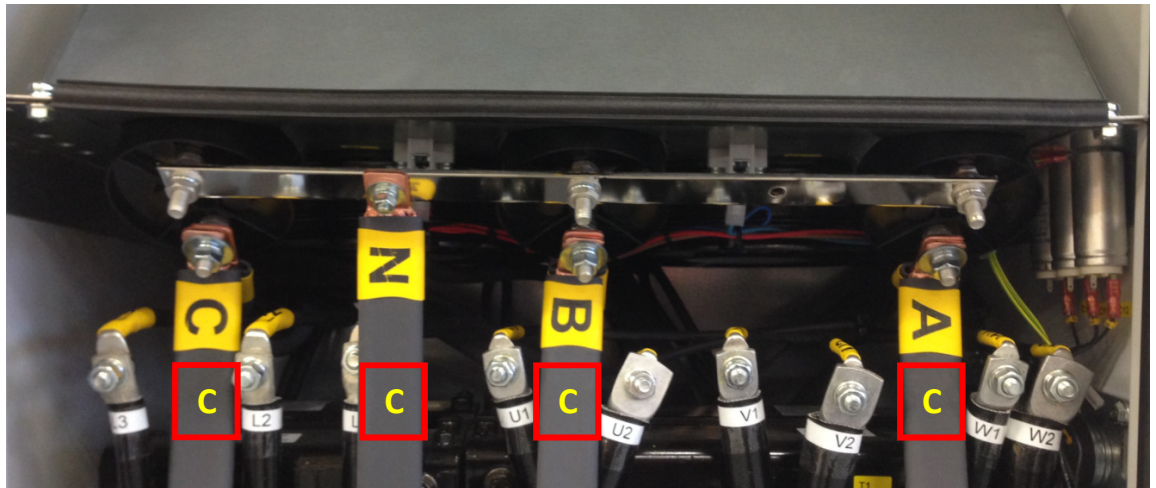
4. Retain all removed part for reinstallation.

3

- A. Insert the new capacitors one by one and align the capacitors as shown on the picture, fasten those with the nuts again.
- B. Reconnect to N-busbar and fasten the nuts. ○



- C. Connect the 2 x A-B-C-N cables and fasten the bolts / nuts C
(A-B-C Torque = 4 Nm / 35.4 in-lb)

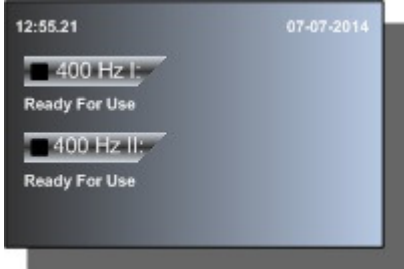


4

Re-install the back cover again, as removed in section 2

5

Install the protective cover.

6	Switch on the converter and close front door.
7	<p>Display should now show “Ready to use“</p>  <p>Note! Display screen may vary depending on configuration.</p>
8	Start the unit and it should now be running without error messages.
9	<p>Stop the unit and apply Load Bank to the output cable.</p> <p>Start the unit and apply 72 Kw load and let it run for 10 – 15 minutes. During operation check values in display and at output (voltage / current / kVA / kW), to verify that the unit works correct. For the above a DVM and current probe can be used.</p> <p>Stop the unit and remove the load bank.</p> <p>The unit is now ready for operation again.</p>