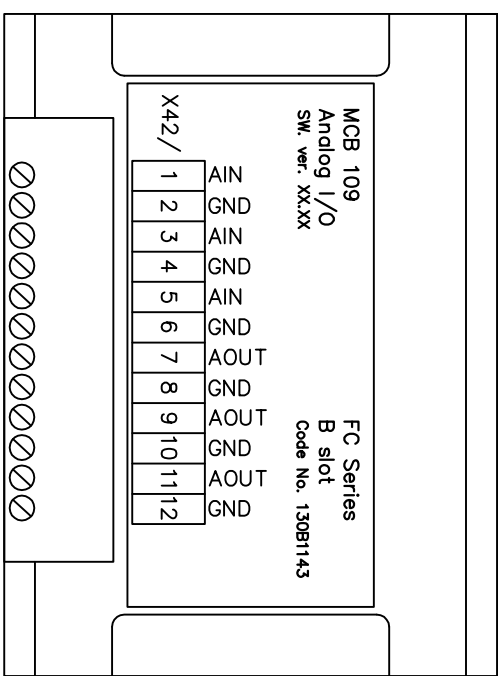
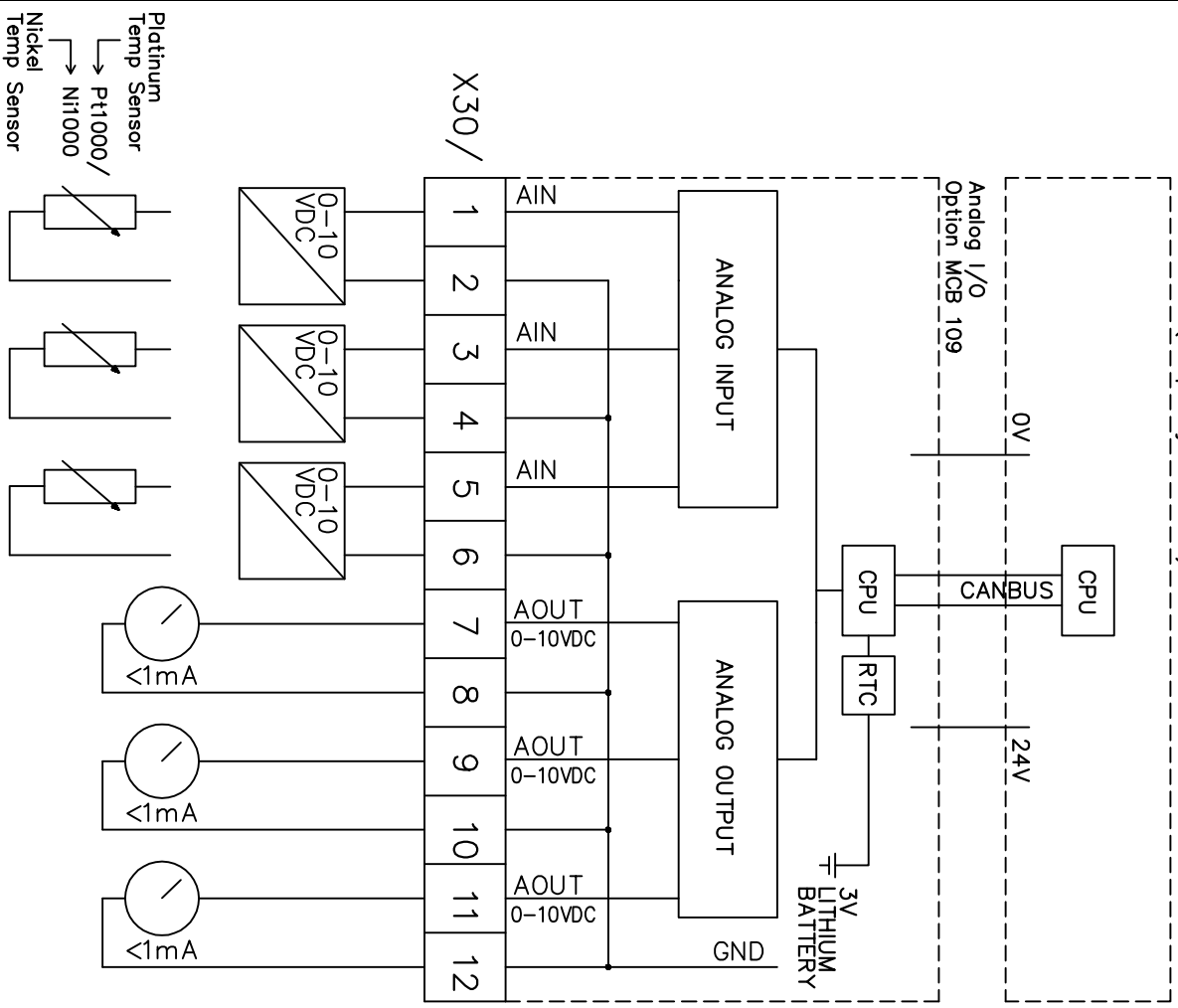


Control Card (Frequency Converter)



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DR	2016XXXX	7/14/16		
REV	ECN	DATE		

- NOTICE -

DRN	PCN
7/13/16	
APR	MJM
7/13/16	

NAME	SCHEMATIC DIAGRAM
MODEL	FC-102,202
PAGE	1 OF 2
SIZE	A
DWG NO.	



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Specifications

Analog Inputs

	Used as temperature sensor input	Used as voltage input
Number of inputs	3	3
Terminal	X42/1-6	X42/1-6
Voltage range	-	0-10VDC
Current range	0/4-20mA (voltage input 0-10V)	-
Temp. Sensor 1000 ohm @ 0° C	Ni1000 (according to DIN 43760)	-
-	Pt1000 (according to IEC 60751)	-
Accuracy	-50° C ±1 Kelvin +150° C ±2 Kelvin	0.2% of full scale @ calculated temp.
Temperature Range	-50° C to +150° C	
Resolution	11 bits	10 bits
Sampling	3 Hz	2.4 Hz
Maximum load	-	± 20V continuously
Impedance	-	5 Kohm

Analog Outputs

Number of outputs	3
Voltage level at analog output	0-10VDC
Resolution	11 bits
Linearity	1% of full scale
Maximum load	1 mA

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<p style="text-align: center;">- NOTICE -</p> <p>THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES. IT IS LOANED BY DANFOSS DRIVES SUBJECT TO THE CONDITIONS THAT IT AND THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD AND REFERENCE PURPOSES. SHALL NOT BE USED OR CAUSED TO BE USED IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES. SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR DISCLOSED TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.</p>									
	DRN	PCN	NAME						
	APR	MJM	SCHEMATIC DIAGRAM						
	7/13/16		MCB 109 Analog I/O Option						
	7/13/16								
	MODEL	PAGE	OF	SIZE	DWG				
	FC-102,202	2	OF	A	NO.				

