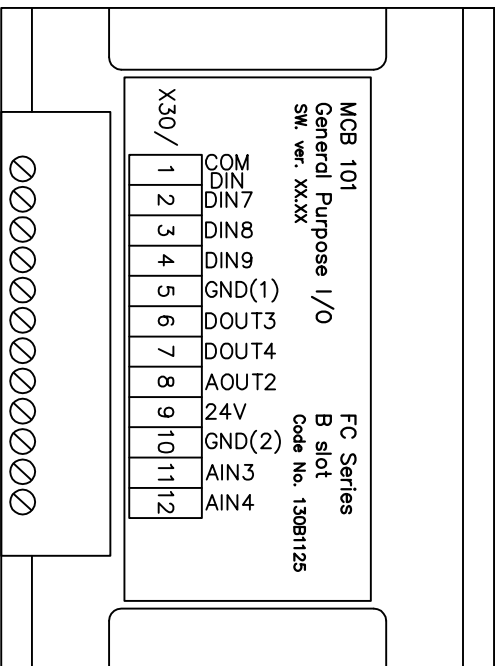
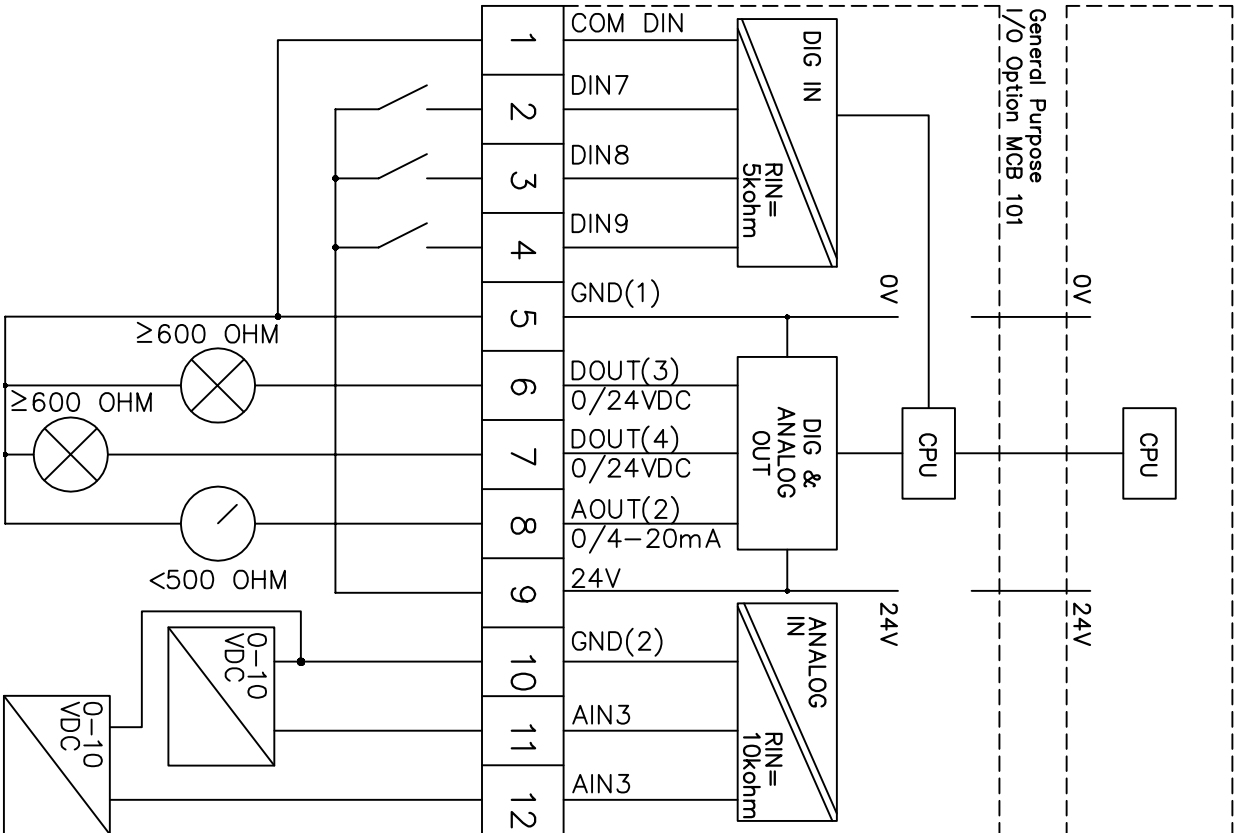


Control Card (FC100/200/300)



If the digital inputs 7, 8 or 9 are to be switched by use of the internal 24V power supply (terminal 9), the connection between terminal 1 and 5 must be established.

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NAME	MODEL	PAGE	SIZE	DWG
SCHEMATIC DIAGRAM	FC-102,202,301,302	1 OF 2	A	NO.
MCB 101 General Purpose I/O Option				



PART 2

Digital Inputs – Terminal X30/1-4

Parameters for set-up: 5-16, 5-17, 5-18

Number of digital inputs	Voltage level	Voltage levels	Input Impedance	Max. load
3	0-24VDC	PNP type: Common = 0V Logic "0": Input < 5VDC Logic "0": Input > 10VDC NPN type: Common = 24V Logic "0": Input > 19VDC Logic "0": Input < 14VDC	Approx. 5 Kohm	± 28V continuous ± 37V in minimum 10 sec

Analog voltage inputs – Terminal X30/10-12

Parameters for set-up: 6-3*, 6-4*, 16-75 and 16-76

Number of analog voltage inputs	Standardised input signal	Input Impedance	Resolution	Max. load
2	0-10VDC	Approx. 5 Kohm	10 bits	± 20V continuously

Digital outputs – Terminal X30/5-7

Parameters for set-up: 5-32 and 5-33

Number of digital outputs	Output level	Tolerance	Max. load
2	0 or 24VDC	±4V	≥ 600 ohm

Analog outputs – Terminal X30/5+8

Parameters for set-up: 6-6* and 16-77

Number of analog outputs	Output level	Tolerance	Max. load
1	0/4-20mA	±0.1mA	< 500 ohm

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