

Configuration

MotorPlanner Special IO FRO/SRO Homing Jog Axes Modules Spindle MPG THC PyAction

General Gears

Min RPM	Max RPM	Gear Ratio	Feedback ratio	Acc RPM/s	Decel RPM/s
0	0	1.0000	1.0000	1000.0	1000.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0
0	0	1.0000	1.0000	0.0	0.0

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General Gears

Spindle IO

- Spindle CW: CSMIO-IP, Output 1, Inverted
- Spindle CCW: CSMIO-IP, Output 3, Inverted
- Spindle Analog: CSMIO-IP, Analog Output 0, Inverted
- Spindle Speed: Disabled, Inverted
- Traj Trigger: Disabled, Inverted
- Spindle Drive Fault: CSMIO-IP, Input 1, Inverted

Coolant IO

- Coolant Flood: Disabled, Inverted
- Coolant Mist: Disabled, Inverted

Spindle Parameters

Max Motor Speed: 18000 RPM

Spindle Ready Level: 90 %

Alarm level: 70 %

Start / stop / finish reaction

Actions on start trajectory

Spindle reaction: CW ON

Flood on:  Minst on:

Actions on stop trajectory

Spindle off:  Flood / mist off:

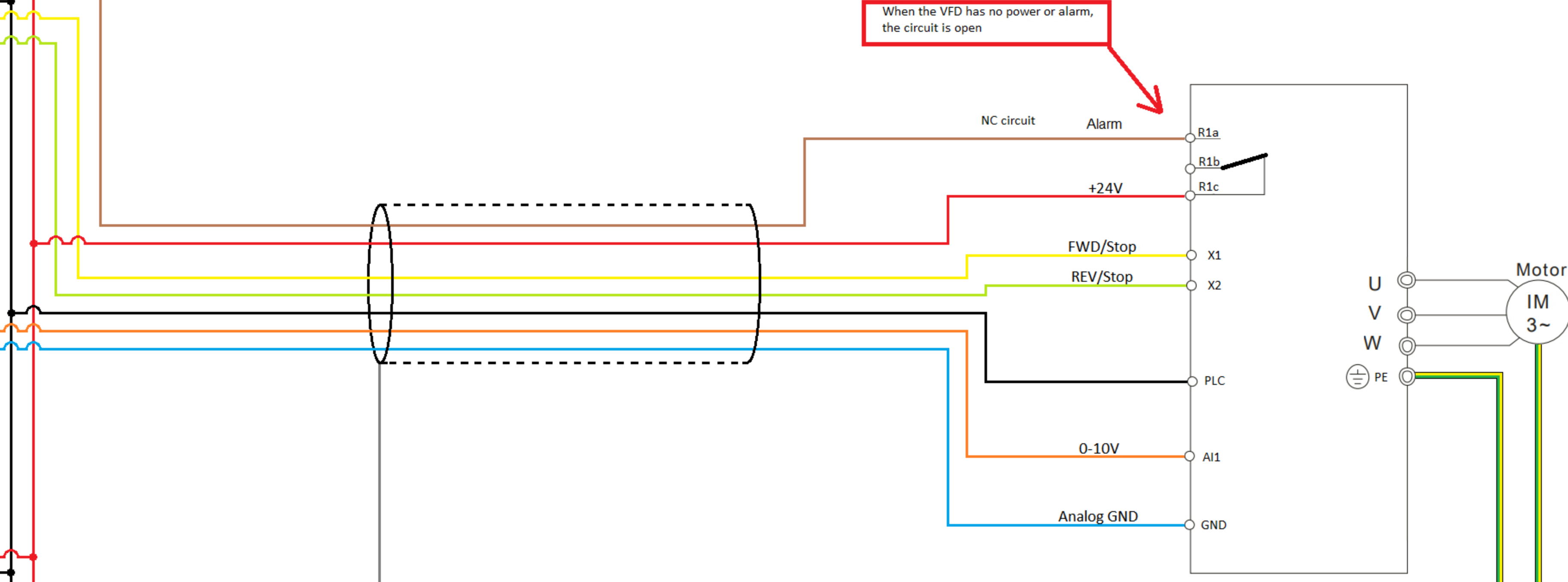
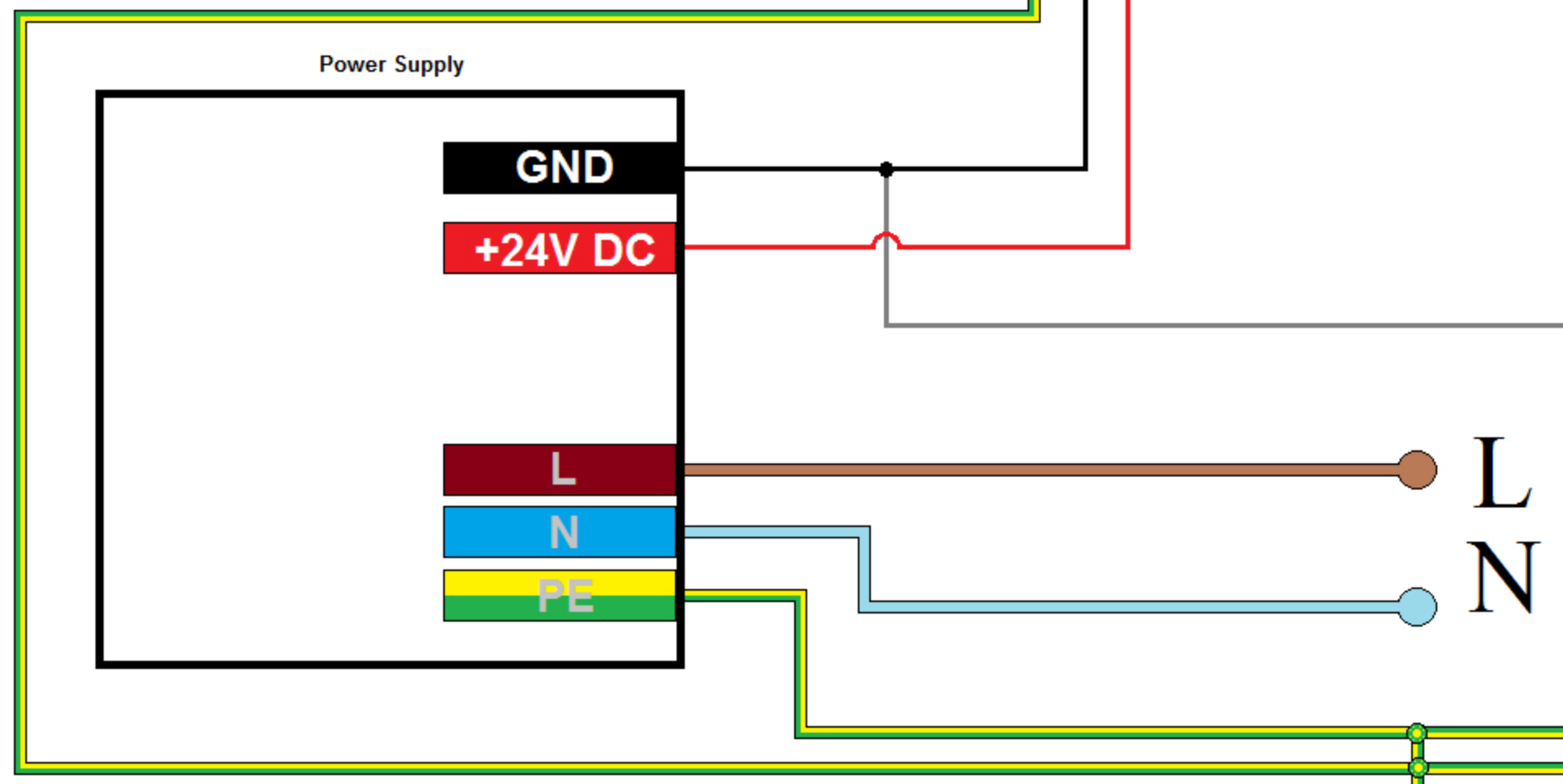
**CSMIO/IP-S**

PIN number	Details
1	Input 0 (+)
2	Input 2 (+)
3	Input 4 (+)
4	Input 6 (+)
5	Inputs 0-7 (-)
6	Input 8 (-)
7	Input 9 (-)
8	Input 10 (-)
9	Input 11 (-)
10	Input 12 (-)
11	Input 13 (-)
12	Input 14 (-)
13	Input 15 (-)
14	Input 1 (+)
15	Input 3 (+)
16	Input 5 (+)
17	Input 7 (+)
18	Input 8 (+)
19	Input 9 (+)
20	Input 10 (+)
21	Input 11 (+)
22	Input 12 (+)
23	Input 13 (+)
24	Input 14 (+)
25	Input 15 (+)

PIN number	Details
1	24V power supply for 0-3 outputs
2	Output 0
3	Output 2
4	24V power supply for 4-7 outputs
5	Output 4
6	Output 6
7	24V power supply for 8-11 outputs
8	Output 8
9	Output 10
10	24V power supply for 12-15 outputs
11	Output 12
12	Output 14
13	GND (not in use)
14	Power supply 0V for 0-3 outputs
15	Output 1
16	Output 3
17	Power supply 0V for 4-7 outputs
18	Output 5
19	Output 7
20	Power supply 0V for 8-11 outputs
21	Output 9
22	Output 11
23	Power supply 0V for 12-15 outputs
24	Output 13
25	Output 15

PIN number	Details
1	Analog output 0
2	GND
3	Analog input 1
4	Analog input 2
5	10V (max. 50mA)
6	Analog output 1
7	Analog input 1
8	GND
9	Analog input 3

Pin number	Description
1	Power - 24V DC
2	GND
3	ground



**simCNC**