

Motor Planner Configuration (X, Y, Z):

- Enable:
- Use external ports:
- Home to index:
- Soft limit plus: 300.000
- Soft limit minus: 0
- Home effect: 0
- Homing speed: 10
- After homing position: 0
- Homing direction: NEGATIVE

MotorKit Configuration (MotorKit 0, 1, 2):

- Motor tuning: Slave correction 0.0000, Enable delay 50, Reset duration 150, Steps between index 10000, Hrs surr forbidden 0.05, Hrs surr warning 0.07
- Output signals: Limit++ Disabled, Limit-- Disabled, Home CSMD-IP, Index Disabled, Drive Fault CSMD-IP, Drive Enable CSMD-IP, Drive Reset Disabled

Emergency Stop Configuration:

- E-stop: CSMD-IP, Input 0, Inverted
- Power supply control ID: Disabled
- High Voltage enable: CSMD-IP, Output 1, Inverted
- Trajectory Synced Outputs: The Sync [0], [1], [2], [3] all Disabled

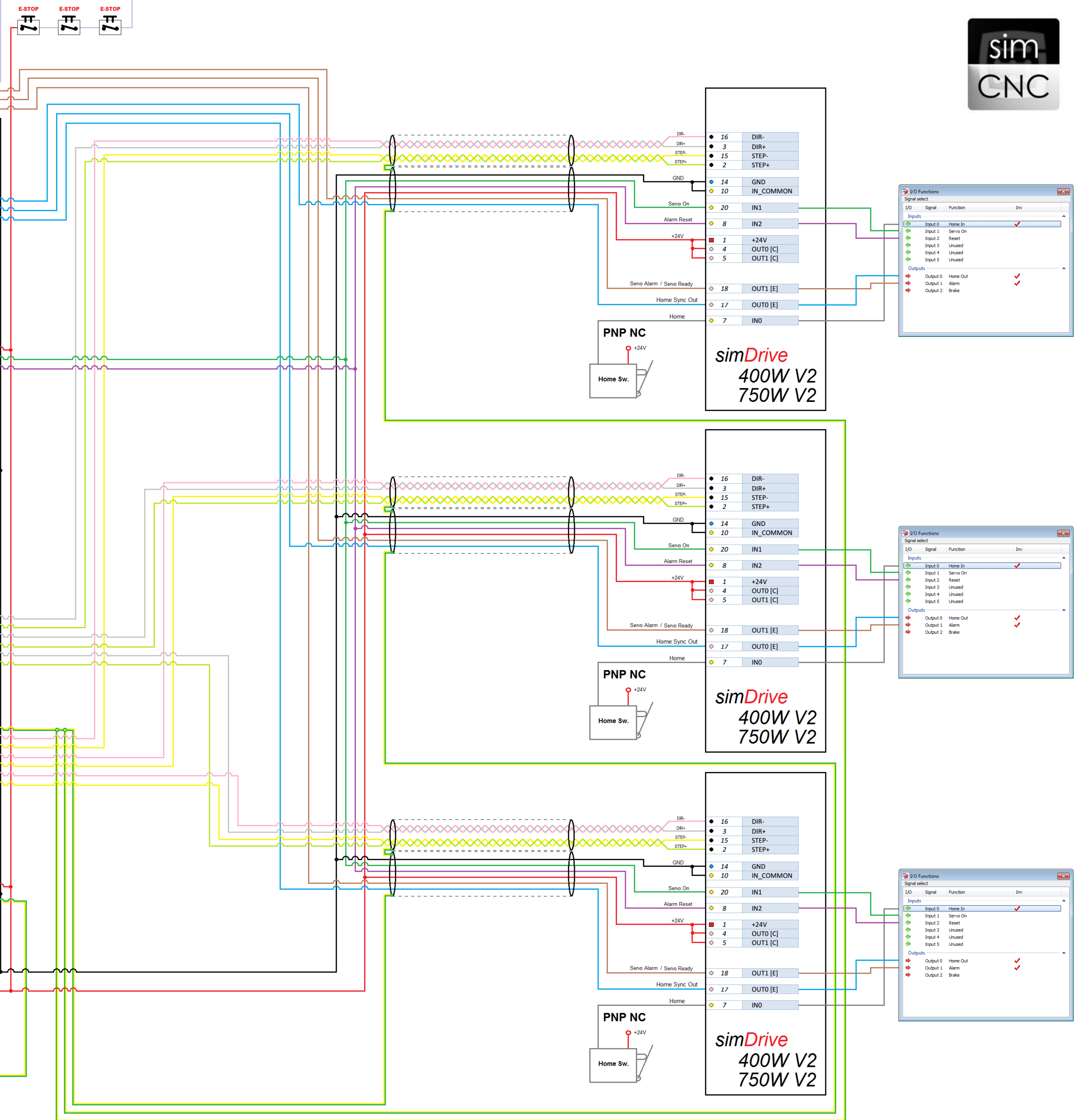
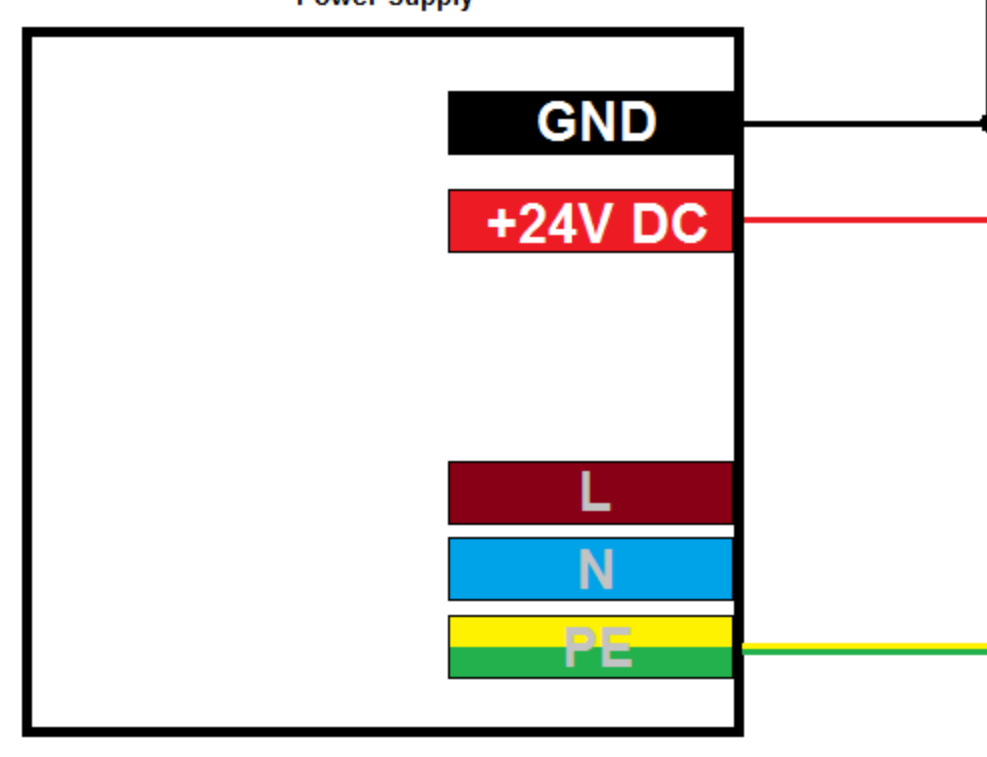
CSMIO/IP-S

PIN number	Details
1	Input 0 (+)
2	Input 2 (+)
3	Input 6 (+)
4	Input 6 (+)
5	Inputs 0/2 (+)
6	Input 8 (-)
7	Input 9 (-)
8	Input 10 (-)
9	Input 11 (-)
10	Input (-)
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	DIR0(+)
2	STEP0(+)
3	DIR1(+)
4	STEP1(+)
5	DIR2(+)
6	STEP2(+)
7	DIR3(+)
8	STEP3(+)
9	DIR4(+)
10	STEP4(+)
11	DIR5(+)
12	STEP5(+)
13	GND
14	DIR0(-)
15	STEP0(-)
16	DIR1(-)
17	STEP1(-)
18	DIR2(-)
19	STEP2(-)
20	DIR3(-)
21	STEP3(-)
22	DIR4(-)
23	STEP4(-)
24	DIR5(-)
25	STEP5(-)

Pin number	Description
2	Power → 24V DC
7	GND
8	ground



I/O Functions Signal select:

- Input 0: Home In
- Input 1: Servo On
- Input 2: Reset
- Input 3: Unused
- Input 4: Unused
- Input 5: Unused
- Output 0: Home Out
- Output 1: Alarm
- Output 2: Brake

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simCNC

SimDrive 750W Motor Configuration:

- Motor Model: CSM-400-230-2000
- Feedback: INCREMENTAL ENCODER
- Voltage: 230 [V]
- Current: 3.00 [A]
- Speed: 3000 [RPM]
- Motor Constants: Torque Constant 0.05 [Nm/A], Voltage Constant 50.0 [V/1000 RPM]

SimDrive 750W PID Regulators Tuning:

- Position Regulator: Kp 1.0000, Ki 0.0000, Kd 0.0000
- Velocity Regulator: Kp 0.0000, Ki 0.0000, Kd 0.0000
- Feed Forward: Vff 1.0000, Aff 0.0000

SimDrive 400W Motor Configuration:

- Motor Model: CSM-200-230-2000
- Feedback: INCREMENTAL ENCODER
- Voltage: 230 [V]
- Current: 3.00 [A]
- Speed: 3000 [RPM]
- Motor Constants: Torque Constant 0.05 [Nm/A], Voltage Constant 50.0 [V/1000 RPM]

SimDrive 400W PID Regulators Tuning:

- Position Regulator: Kp 1.0000, Ki 0.0000, Kd 0.0000
- Velocity Regulator: Kp 0.0000, Ki 0.0000, Kd 0.0000
- Feed Forward: Vff 1.0000, Aff 0.0000