

CSMIO/IP8 Motion Controller Configuration ©CS-Lab s.c. 2010

Configure Axis X

Servo Alarm Input:  Enabled,  Low Active, Pin: [n 11]

Index Homing:  Enabled, In: [ ], Encoder Pulses/Rev: 10000

Slave Axis Configuration: Slave: [None], Mode: [No Correction], Geometry Correction: [0.0000] units

Channels Selection: Encoder Input Channel: [ ], STEP/DIR Output Channel: [Channel 0]

PID Regulator:  PID Tuning

Close Apply & Save

CSMIO/IP8 Motion Controller Configuration ©CS-Lab s.c. 2010

Configure Axis Y

Servo Alarm Input:  Enabled,  Low Active, Pin: [n 12]

Index Homing:  Enabled, In: [ ], Encoder Pulses/Rev: 10000

Slave Axis Configuration: Slave: [None], Mode: [No Correction], Geometry Correction: [0.0000] units

Channels Selection: Encoder Input Channel: [ ], STEP/DIR Output Channel: [Channel 1]

PID Regulator:  PID Tuning

Close Apply & Save

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Configure Axis Z

Servo Alarm Input:  Enabled,  Low Active, Pin: [n 13]

Index Homing:  Enabled, In: [ ], Encoder Pulses/Rev: 10000

Slave Axis Configuration: Slave: [None], Mode: [No Correction], Geometry Correction: [0.0000] units

Channels Selection: Encoder Input Channel: [ ], STEP/DIR Output Channel: [Channel 2]

PID Regulator:  PID Tuning

Close Apply & Save

Engine Configuration... Ports & Pins

Signal	Enabled	Port #	Pin Number	Active Low
Digit_Trip	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>
Enable1	<input checked="" type="checkbox"/>	10	0	<input checked="" type="checkbox"/>
Enable2	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>
Enable3	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>
Enable4	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>
Enable5	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>
Enable6	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>
Output #1	<input checked="" type="checkbox"/>	10	0	<input checked="" type="checkbox"/>
Output #2	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>

Pin 2 - 9 - 1, 14, 16, and 17 are output pins. No other pin numbers should be used.

OK Anulj Zastora

# CSMIO/IP-S

DIGITAL INPUTS (0-15)

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 (+)

DIGITAL OUTPUTS (0-15)

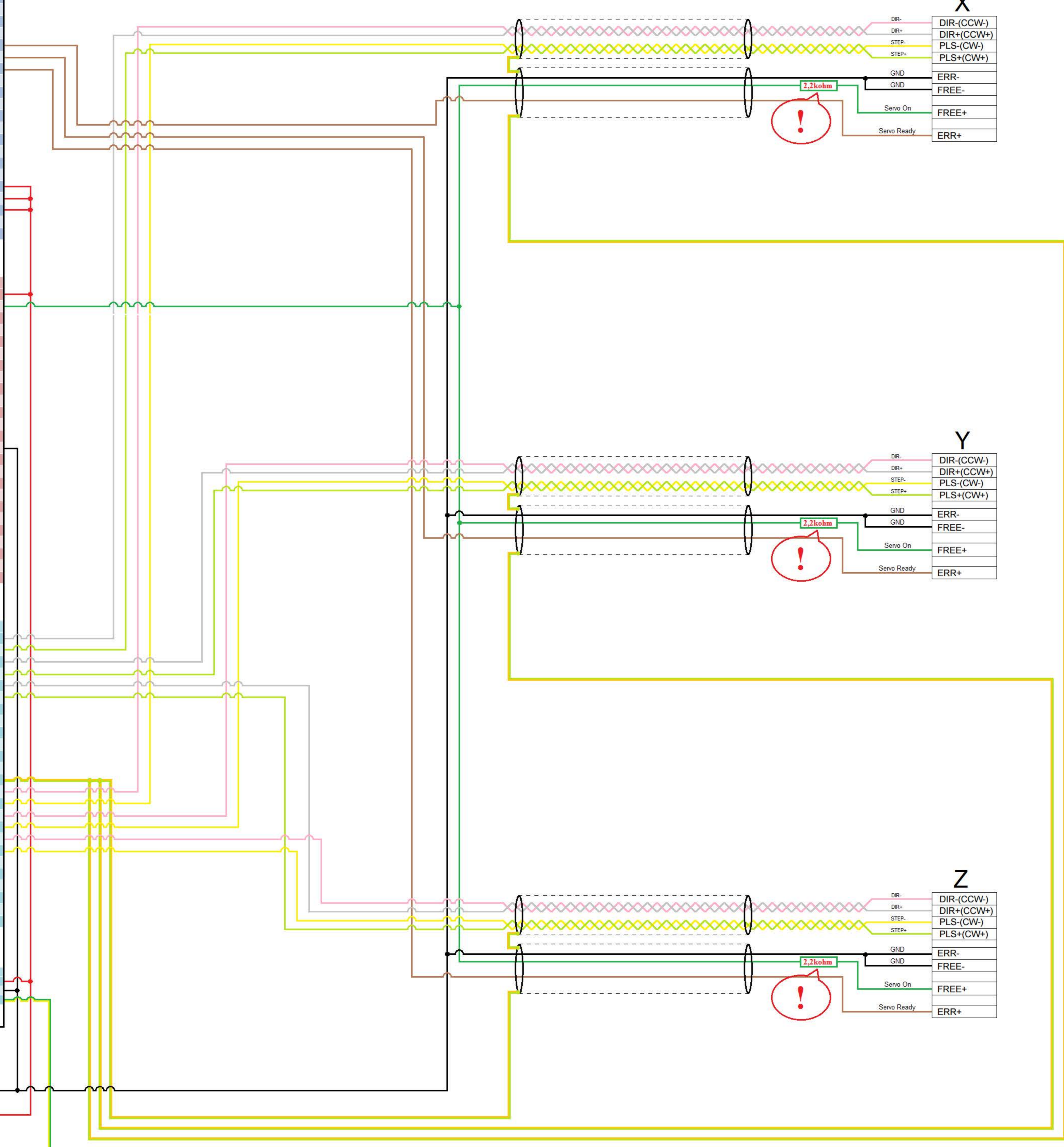
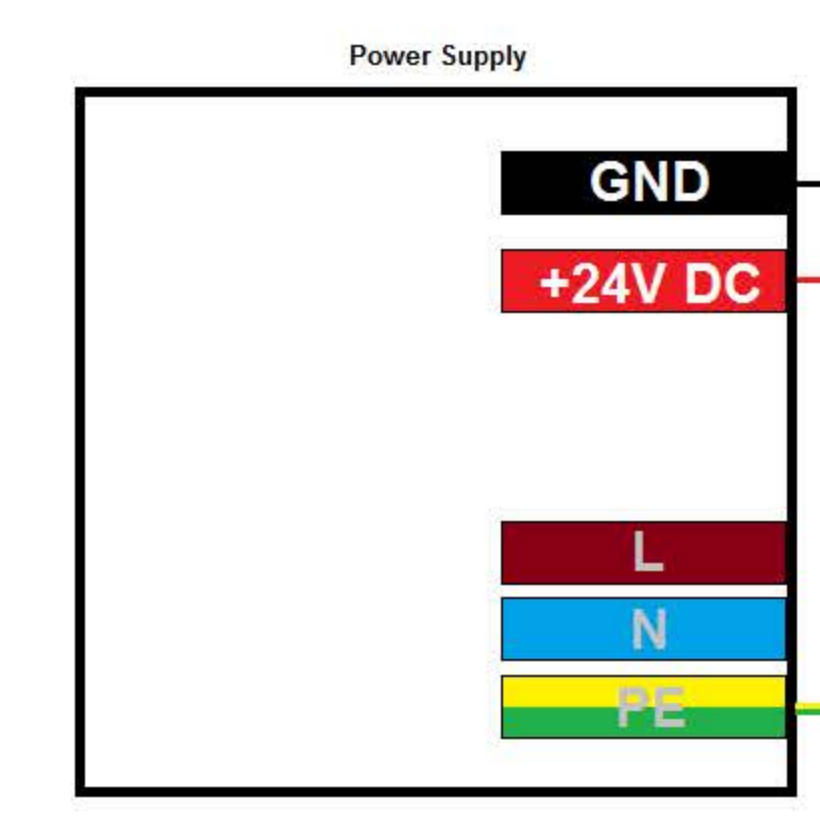
PIN number	Details
1	24V power supply for 0-3 outputs
2	Output 0
3	Output 2
4	24V power supply for 4-7 outputs
5	Output 4
6	Output 6
7	24V power supply for 8-11 outputs
8	Output 8
9	Output 10
10	24V power supply for 12-15 outputs
11	Output 12
12	Output 14
13	GND (not in use)
14	Power supply 0V for 0-3 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

STEP/DIR OUTPUTS

PIN number	Details
1	DIR[0]-
2	STEP[0]+
3	DIR[1]-
4	STEP[1]+
5	DIR[2]-
6	STEP[2]+
7	DIR[3]-
8	STEP[3]+
9	DIR[4]-
10	STEP[4]+
11	DIR[5]-
12	STEP[5]+
13	GND
14	DIR[0]-
15	STEP[0]+
16	DIR[1]-
17	STEP[1]+
18	DIR[2]-
19	STEP[2]+
20	DIR[3]-
21	STEP[3]+
22	DIR[4]-
23	STEP[4]+
24	DIR[5]-
25	STEP[5]+

Power Supply Input

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



X

Y

Z