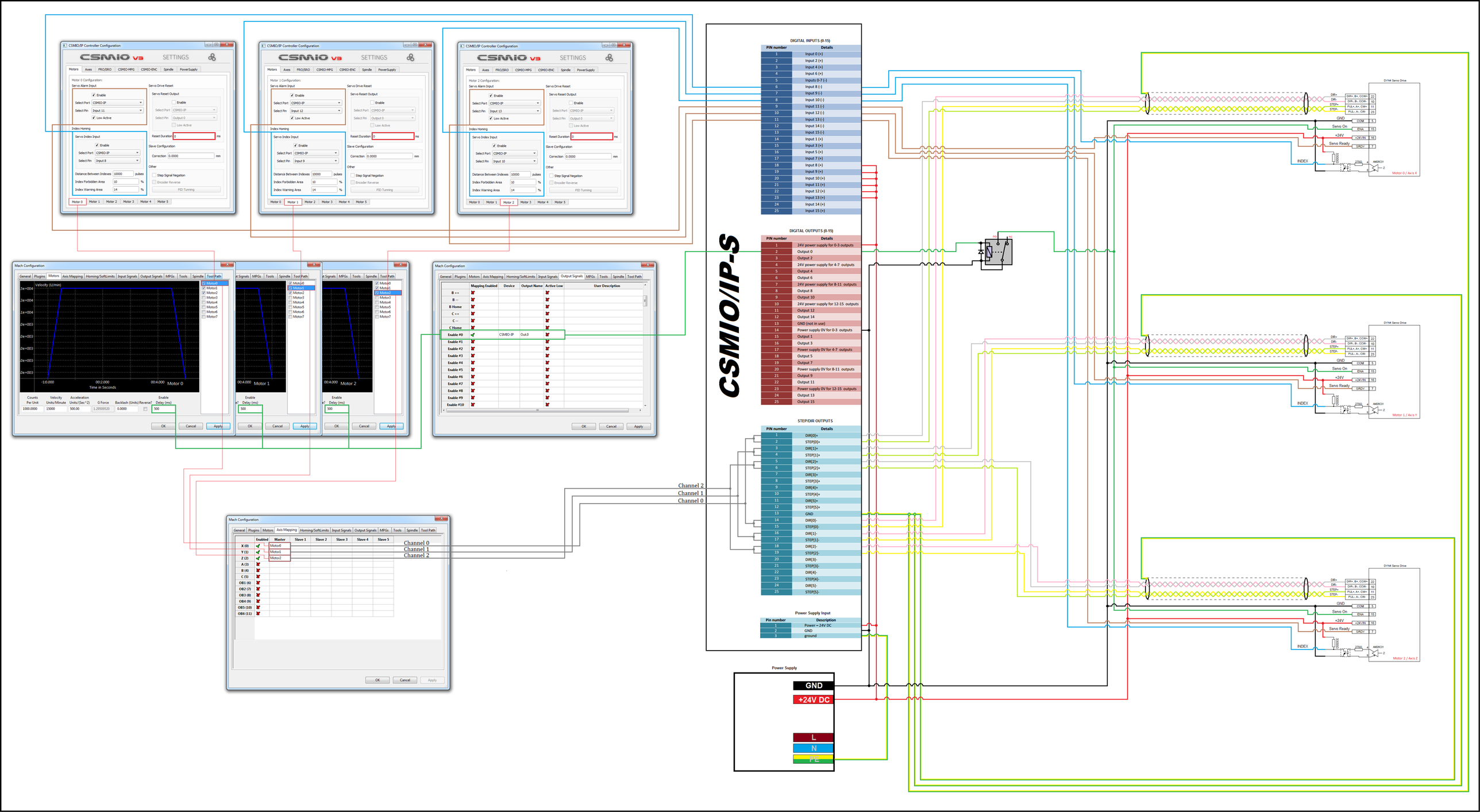
CSMIO/IP-S
DIGITAL INPUTS (0-15)
PIN number
Details
1 Input 0 (+)
2 Input 2 (+)
3 Input 4 (+)
4 Input 6 (+)
5 Inputs 0-7 (-)
6 Input 8 (-)
7 Input 9 (-)
8 Input 10 (-)
9 Input 11 (-)
10 Input 12 (-)
11 Input 13 (-)
12 Input 14 (-)
13 Input 15 (-)
14 Input 1 (+)
15 Input 3 (+)
16 Input 5 (+)
17 Input 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
Power Supply
GND
+24V DC
L
N
PE
CSMIO/IP Controller Configuration
CSMIO V3 SETTINGS
Motors
Axes
FRO/SRO
CSMIO-MPG
CSMIO-ENC
Spindle
PowerSupply
Motor 0 Configuration:
Motor 1 Configuration:
Motor 2 Configuration:
Servo Alarm Input
Servo Drive Reset
Servo Reset Output
Index Homing
Servo Index Input
Slave Configuration
Other
Select Port
Select Pin
Low Active
Reset Duration
Correction
Distance Between Indexes
Index Forbidden Area
Index Warning Area
Step Signal Negation
Encoder Reverse
PID Tunning
Motor 0
Motor 1
Motor 2
Motor 3
Motor 4
Motor 5
Mach Configuration
General
Plugins
Motors
Axis Mapping
Homing/SoftLimits
Input Signals
Output Signals
MPGs
Tools
Spindle
Tool Path
Velocity (U/min)
Time in Seconds
Counts Per Unit
Velocity Units/Minute
Acceleration Units/(Sec^2)
G Force
Backlash (Units)
Reverse?
Enable Delay (ms)
OK
Cancel
Apply
Mapping Enabled
Device
Output Name
Active Low
User Description
Enable #0
Enable #1
Enable #2
Enable #3
Enable #4
Enable #5
Enable #6
Enable #7
Enable #8
Enable #9
Enable #10
Enabled
Master
Slave 1
Slave 2
Slave 3
Slave 4
Slave 5
X (0)
Y (1)
Z (2)
A (3)
B (4)
C (5)
OB1 (6)
OB2 (7)
OB3 (8)
OB4 (9)
OB5 (10)
OB6 (11)
Channel 2
Channel 1
Channel 0
DIY N4 Servo Drive
DIR+
DIR-
STEP+
STEP-
GND
Servo On
+24V
Servo Ready
INDEX
COM
ENA
+24V/IN
SRDY
Motor 0 / Axis X
Motor 1 / Axis Y
Motor 2 / Axis Z