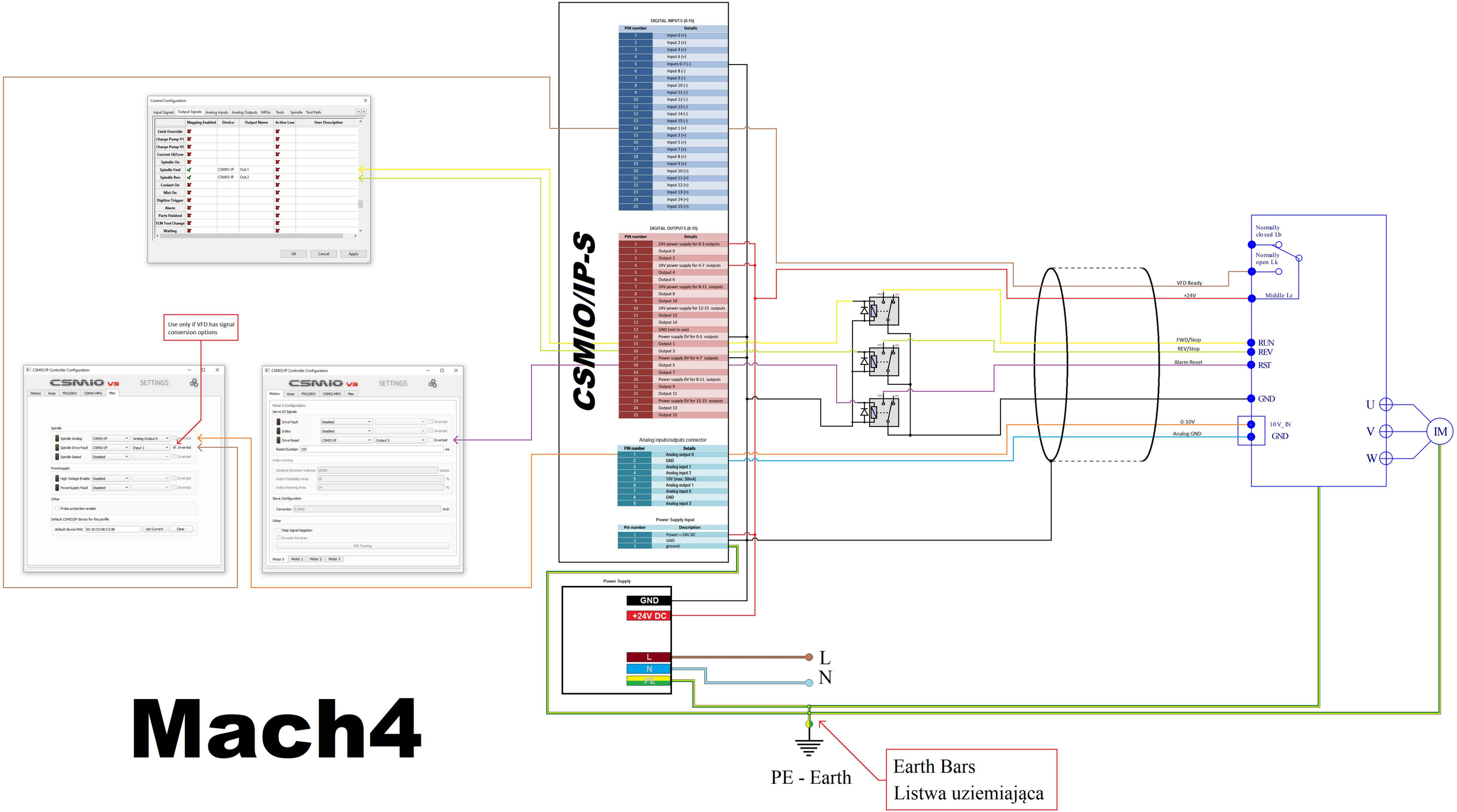
CSMIO/IP-S
DIGITAL INPUTS (0-15)
PIN number | Details
1 Input 0 (+)
2 Input 2 (+)
3 Input 4 (+)
4 Input 6 (+)
5 Inputs 0-7 (-)
6 Input 8 (-)
7 Input 9 (-)
8 Input 10 (-)
9 Input 11 (-)
10 Input 12 (-)
11 Input 13 (-)
12 Input 14 (-)
13 Input 15 (-)
14 Input 1 (+)
15 Input 3 (+)
16 Input 5 (+)
17 Input 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
Analog inputs/outputs connector
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 0
8 GND
9 Analog input 3
Power Supply Input
Pin number | Description
1 Power – 24V DC
2 GND
3 ground
Control Configuration
Input Signals | Output Signals | Analog Inputs | Analog Outputs | MPGs | Tools | Spindle | Tool Path
Mapping Enabled | Device | Output Name | Active Low | User Description
Limit Override
Charge Pump #1
Charge Pump #2
Current Hi/Low
Spindle On
Spindle Fwd | CSMIO-IP | Out.1
Spindle Rev | CSMIO-IP | Out.3
Coolant On
Mist On
Digitize Trigger
Alarm
Parts Finished
TLM Tool Change
Waiting
OK
Cancel
Apply
Use only if VFD has signal conversion options
CSMIO/IP Controller Configuration
CSMIO V3
SETTINGS
Motors | Axes | FRO/SRO | CSMIO-MPG | Misc
Spindle
Spindle Analog | CSMIO-IP | Analog Output 0
Spindle Drive Fault | CSMIO-IP | Input 1 | Inverted
Spindle Speed | Disabled
Powersupply
High Voltage Enable | Disabled
PowerSupply Fault | Disabled
Other
Probe protection enable
Default CSMIO/IP device for this profile
default device MAC 00:1E:C0:88:C2:5B
Set Current
Clear
Motor 0 Configuration:
Servo IO Signals
Drive Fault | Disabled
Index | Disabled
Drive Reset | CSMIO-IP | Output 5
Reset Duration 150 ms
Index Homing
Distance Between Indexes 10000 pulses
Index Forbidden Area 10 %
Index Warning Area 14 %
Slave Configuration
Correction 0.0000 Inch
Step Signal Negation
Encoder Reverse
PID Tunning
Motor 0 | Motor 1 | Motor 2 | Motor 3
Power Supply
GND
+24V DC
L
N
PE
VFD Ready
+24V
FWD/Stop
REV/Stop
Alarm Reset
0-10V
Analog GND
Normally closed Lb
Normally open Lk
Middle Lz
RUN
REV
RST
GND
10 V_IN
GND
U
V
W
IM
PE - Earth
Earth Bars
Listwa uziemiająca

# Mach4