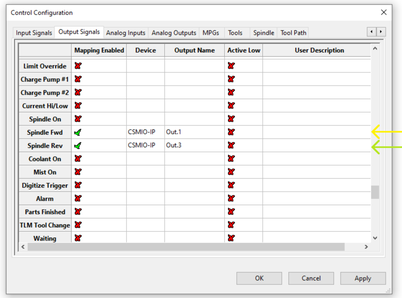
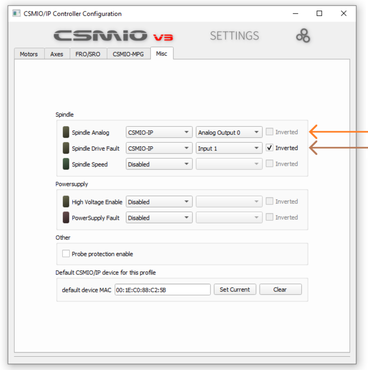
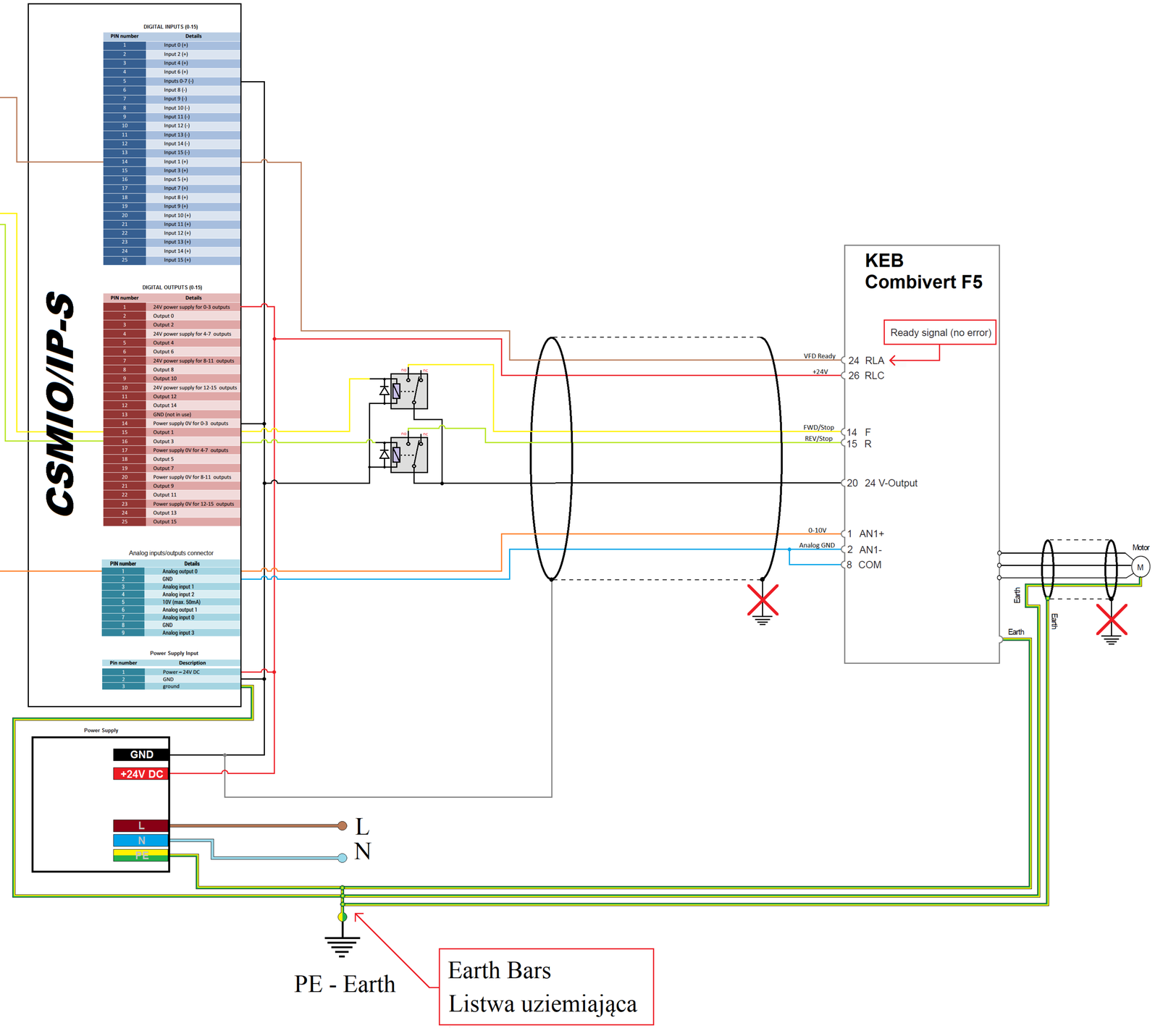

Control Configuration
Input Signals
Output Signals
Analog Inputs
Analog Outputs
MPGs
Tools
Spindle
Tool Path
Mapping Enabled
Device
Output Name
Active Low
User Description
Limit Override
Charge Pump #1
Charge Pump #2
Current Hi/Low
Spindle On
Spindle Fwd
CSMIO-IP
Out.1
Spindle Rev
CSMIO-IP
Out.3
Coolant On
Mist On
Digitize Trigger
Alarm
Parts Finished
TLM Tool Change
Waiting
OK
Cancel
Apply


CSMIO/IP Controller Configuration
CSMIO V3
SETTINGS
Motors
Axes
FRO/SRO
CSMIO-MPG
Misc
Spindle
Spindle Analog
CSMIO-IP
Analog Output 0
Inverted
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

Mach4


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
Power Supply
GND
+24V DC
L
N
PE
KEB
Combivert F5
Ready signal (no error)
VFD Ready
24 RLA
+24V
26 RLC
FWD/Stop
14 F
REV/Stop
15 R
20 24 V-Output
0-10V
1 AN1+
Analog GND
2 AN1-
8 COM
Motor
M
Earth
Earth
Earth
L
N
PE - Earth
Earth Bars
Listwa uziemiająca