P O W E R

11-35 VDC in	GND	+9V out max. 0.5A

D I G I T A L   I N P U T S

X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16

X1 = $\overline{D31}$	X5 = $\overline{D27}$	X9 = $\overline{D23}$	X13 = $\overline{D35}$
X2 = $\overline{D30}$	X6 = $\overline{D26}$	X10 = $\overline{D22}$	X14 = $\overline{D34}$
X3 = $\overline{D29}$	X7 = $\overline{D25}$	X11 = $\overline{D37}$	X15 = $\overline{D33}$
X4 = $\overline{D28}$	X8 = $\overline{D24}$	X12 = $\overline{D36}$	X16 = $\overline{D32}$

Note: Digital Inputs are inverted (no signal reads HIGH)

4-20mA   A N A L O G   I N P U T S

XA9-CL	XA10-CL	XA11-CL	XA12-CL	XA1	XA2	GND	+10V out	XA3	XA4	XA5	XA6	GND	+10V out	XA7	XA8

XA9-CL = A8		XA1 = A0	XA5 = A4
XA10-CL = A9		XA2 = A1	XA6 = A5
XA11-CL = A10		XA3 = A2	XA7 = A6
XA12-CL = A11		XA4 = A3	XA8 = A7
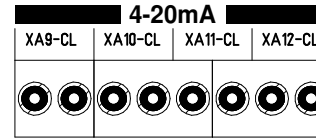
4mA reads 205, 20mA reads 1023
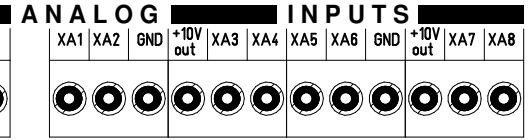
5V reads 511, 10V reads 1023

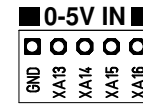**RS232**

9		1
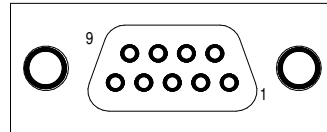
2 = RX1
3 = TX1
5 = GND
7 = RX2
8 = TX2

IO0 = D10
IO2 = D11

CS = D53
CLK = D52
DI = D51
DO = D50

PLC 500-24

V1.0

XA13 = A15
XA14 = A14
XA15 = A13
XA16 = A12

0-5V IN

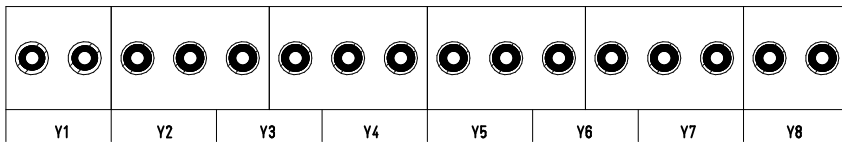| GND	XA13	XA14	XA15	XA16

Attention: Unprotected MCU pins!
2.5V reads 511, 5V reads 1023

Y1 = D42
Y2 = D43
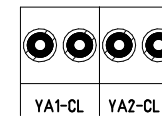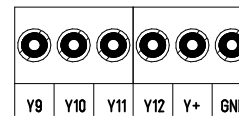Y3 = D44
Y4 = D45

Y5 = D46
Y6 = D47
Y7 = D48
Y8 = D49

Y9 = D38
Y10 = D39
Y11 = D40
Y12 = D41

127 causes 5V, 255 causes 10V
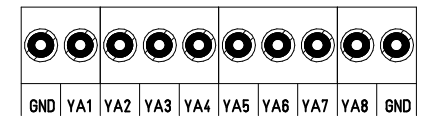
0 causes 4mA, 255 causes 20mA

YA1 = D2
YA2 = D3
YA3 = D4
YA4 = D5

YA5 = D6
YA6 = D7
YA7 = D8
YA8 = D9

YA1-CL = D2
YA2-CL = D3

Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8

Y9	Y10	Y11	Y12	Y+	GND

D I G I T A L   O U T P U T S

YA1-CL	YA2-CL

GND	YA1	YA2	YA3	YA4	YA5	YA6	YA7	YA8	GND

4-20mA   A N A L O G   O U T P U T S