

Pin Setup and Pin Selection

Signal	Enabled	Pin #	Pin Number	Active Low	Grounded	Priority
Input PD	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0
Input AM	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0
Power	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0
Limit Over	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0
Alarm	<input checked="" type="checkbox"/>	10	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0
Enc. Chk	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0
Enc. Top	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0
Enc. Down	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0

Pin 10, 12 and 15 are inputs. Only these pin numbers may be used on this system.

Advanced Setup of Inputs

Encoder inputs connector (0 / 1 / 2)

Pin number	Description	Signal
1	Enc. CH2 A+	enc
2	Enc. CH2 A-	enc
3	Enc. CH2 B+	enc
4	Enc. CH2 B-	enc
5	Enc. CH2 A+	enc
6	Enc. CH2 B+	enc
7	Enc. CH2 A-	enc
8	Enc. CH2 B-	enc
9	Enc. CH2 A+	enc
10	Enc. CH2 B+	enc
11	Enc. CH2 A-	enc
12	Enc. CH2 B-	enc
13	GND	enc
14	Enc. CH2 A+	enc
15	Enc. CH2 B+	enc
16	Enc. CH2 A-	enc
17	Enc. CH2 B-	enc
18	Enc. CH2 A+	enc
19	Enc. CH2 B+	enc
20	Enc. CH2 A-	enc
21	Enc. CH2 B-	enc
22	Enc. CH2 A+	enc
23	Enc. CH2 B+	enc
24	Enc. CH2 A-	enc
25	Enc. CH2 B-	enc
26	GND	enc

Digital inputs connector (0-11)

Pin number	Description
1	Input 0 (+)
2	Input 1 (+)
3	Input 2 (+)
4	Input 3 (+)
5	Input 4 (+)
6	Input 5 (+)
7	Input 6 (+)
8	Input 7 (+)
9	Input 8 (+)
10	Input 9 (+)
11	Input 10 (+)
12	Input 11 (+)
13	Not used (GND)
14	Input 0 (-)
15	Input 1 (-)
16	Input 2 (-)
17	Input 3 (-)
18	Input 4 (-)
19	Input 5 (-)
20	Input 6 (-)
21	Input 7 (-)
22	Input 8 (-)
23	Input 9 (-)
24	Input 10 (-)
25	Input 11 (-)

Digital outputs connector (0-15)

Pin number	Description
1	24V power supply for 0-3 outputs
2	Output 0
3	Output 1
4	24V power supply for 4-7 outputs
5	Output 4
6	Output 5
7	24V power supply for 8-11 outputs
8	Output 8
9	Output 9
10	Output 10
11	24V power supply for 12-15 outputs
12	Output 12
13	Output 13
14	GND (not in use)
15	Power supply 24V for 0-3 outputs
16	Output 3
17	Power supply 24V for 4-7 outputs
18	Output 6
19	Output 7
20	Power supply 24V for 8-11 outputs
21	Output 9
22	Output 11
23	Power supply 24V for 12-15 outputs
24	Output 14
25	Output 15

Analog inputs / outputs connector

Pin number	Description
1	Analog output CH0 (V0-50V)
2	Analog output CH1 (V0-50V)
3	Analog output CH2 (V0-50V)
4	Analog output CH3 (V0-50V)
5	Analog output CH4 (V0-50V)
6	Analog output CH5 (V0-50V)
7	Analog output CH6 (V0-50V)
8	Analog output CH7 (V0-50V)
9	Analog input 0
10	Analog input 1
11	Analog input 2
12	Analog input 3
13	Analog input 4
14	GNDC0
15	GNDC1
16	GNDC2
17	GNDC3
18	GNDC4
19	GNDC5
20	GND
21	GND
22	GND
23	GND
24	GND
25	GND

Power connector

Pin number	Description
1	Power +24V DC
2	ground

CSMIO/IP-A

