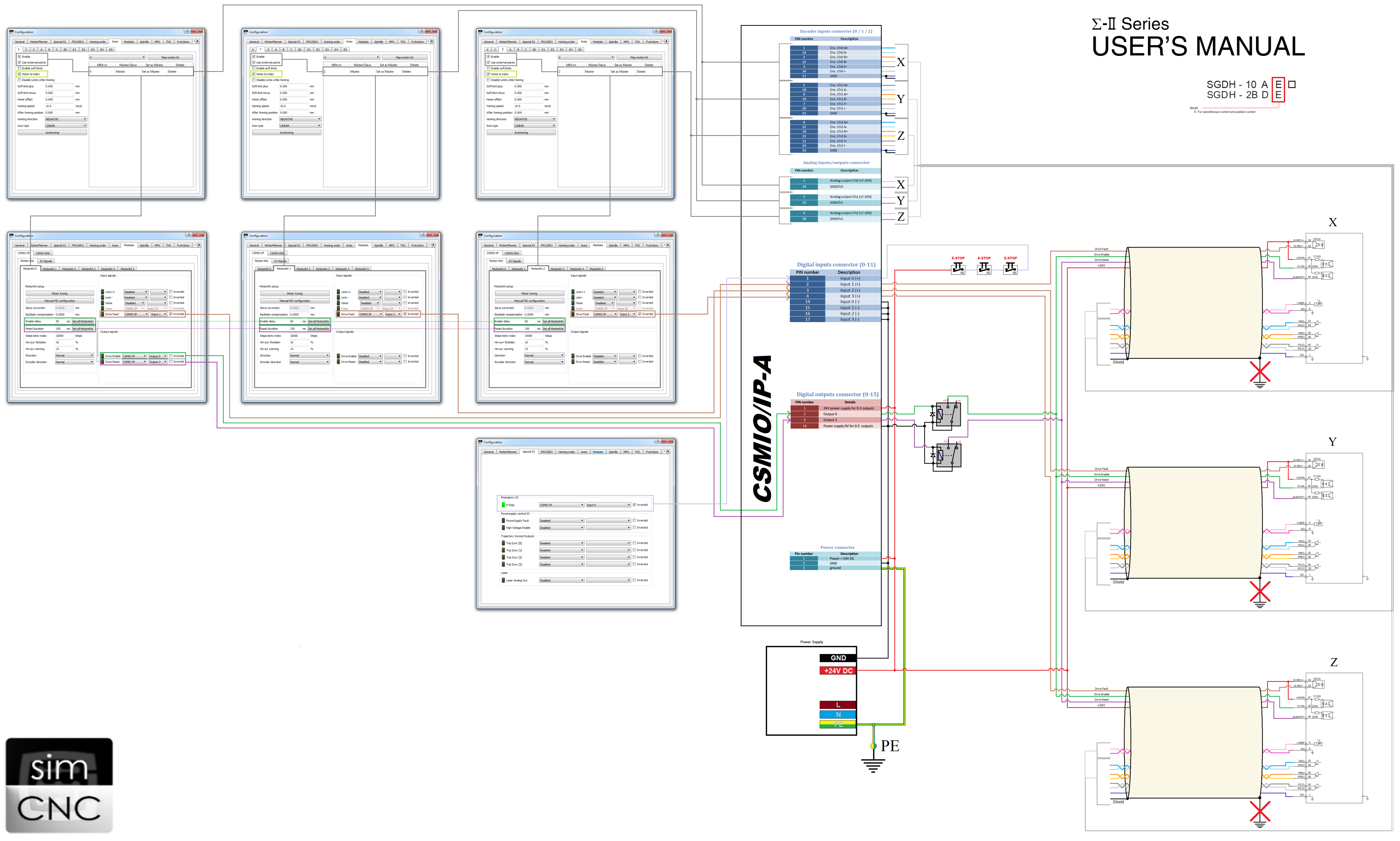


Σ-II Series USER'S MANUAL

SGDH - 10 A E
SGDH - 2B D E

Model E: For speedtorque control and position control



Encoder inputs connector (0 / 1 / 2)

PIN number	Description
1	Enc. CH0 A+
14	Enc. CH0 A-
2	Enc. CH0 B+
15	Enc. CH0 B-
3	Enc. CH0 H
16	Enc. CH0 I-
17	GND
5	Enc. CH1 A+
18	Enc. CH1 A-
6	Enc. CH1 B+
19	Enc. CH1 B-
7	Enc. CH1 H
20	Enc. CH1 I-
21	GND
9	Enc. CH2 A+
22	Enc. CH2 A-
10	Enc. CH2 B+
23	Enc. CH2 B-
11	Enc. CH2 H
24	Enc. CH2 I-
25	GND

Analog inputs/outputs connector

PIN number	Description
1	Analog output CH0 (V-10V)
14	GNDCH0
2	Analog output CH1 (V-10V)
15	GNDCH1
3	Analog output CH2 (V-10V)
16	GNDCH2

Digital inputs connector (0-11)

PIN number	Description
1	Input 0 (+)
2	Input 1 (+)
3	Input 2 (+)
4	Input 3 (+)
14	Input 0 (-)
15	Input 1 (-)
16	Input 2 (-)
17	Input 3 (-)

Digital outputs connector (0-15)

PIN number	Details
1	24V power supply for 0-3 outputs
2	Output 0
3	Output 2
14	Power supply DV for 0-3 outputs

Power connector

Pin number	Description
1	Power = 24V DC
2	GND
3	ground

CSMIO/IP-A

