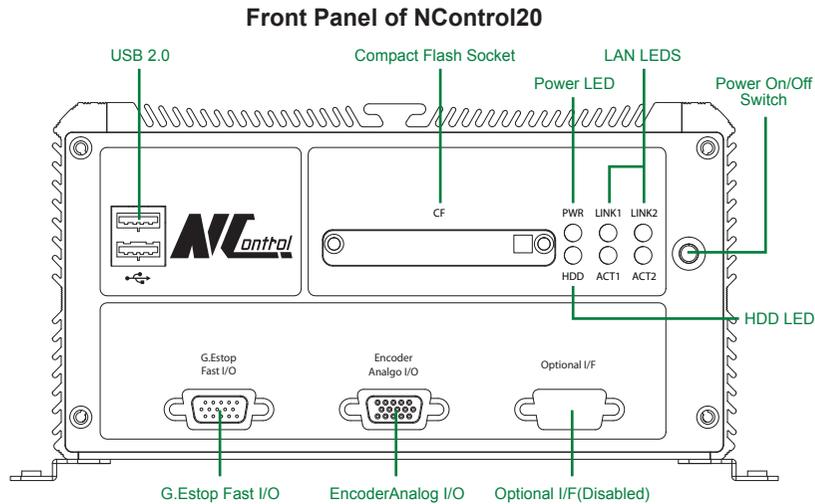


NControl20 Quick Reference Guide

Ver A. (P/N: 60177A0399X00)

Product Overview



Pin Definition

G.Estop Fast I/O

Pin	Signal	Direction	Description
1, 4, 6, 13	-	-	Not connected
2, 11	+24V_EXT	Input	External 24V for driving OUTx
3	OUT2	Output	Digital Output 2
5	IN2	Input	Digital Input 2
7	OUT0	Output	Digital Output 0
8	OUT3	Output	Digital Output 3
9	IN0	Input	Digital Input 0
10	IN3	Input	Digital Input 3
12	OUT1	Output	Digital Output 1
14	IN1	Input	Digital Input 1
15	GND_24V	-	0V of the External 24V

Encoder Analog I/O

Pin	Signal	Direction	Description
1	INAN1+	Input	Positive differential voltage input of channel 1
2	INAN2+	Input	Positive differential voltage input of channel 2
3	A+	Input	Encoder Channel A+
4	B+	Input	Encoder Channel B+
5	Z+	Input	Encoder Channel Z+
6	INAN1-	Input	Negative differential voltage input of channel 1
7	INAN2-	Input	Negative differential voltage input of channel 2
8	A-	Input	Encoder Channel A-
9	B-	Input	Encoder Channel B-
10	Z-	Input	Encoder Channel Z-
11, 13	AGND	-	Analog GND (not isolated from the digital GND of the board)
12	OUTAN0	Output	Analog output
14	+5V_ENC	Output	5V/200mA output voltage for the encoder
15	GND	-	Digital GND for input signals and encoder

Real Panel of NControl20

