

Output specification DC3IO

Output Specification			Output Location	
Number	Function	Type	Connector	Pin
1	Emergency Stop	Open Collector	H7	1
2	Lube Pump	Fused Relay SPST	H10	7, 8
3	Flood Pump	Fused Relay SPST	H10	9, 10
4	Mist Solenoid	Fused Relay SPST	H11	7, 8
5	Carousel Direction	Open Collector	H7	2
6	Carousel Out Solenoid	Open Collector	H7	3
7	Tool Clamp Solenoid	Open Collector	H7	4
8	Air Blow Through	Open Collector	H7	5
9	Carousel In Solenoid	Open Collector	H7	6
10	Orient	Open Collector	H7	7
11	Spindle Chiller	Open Collector	H7	8
12	Spindle Cooling Fan	Open Collector	H6	1
13	Spindle Direction	Signal Relay SPDT	H10	1, 2, 3
14	Spindle Enable	Signal Relay SPDT	H11	1, 2, 3
15	Inverter Reset	Signal Relay SPDT	H10	4, 5, 6
16	Error Check	Internal	N/A	N/A

17	Spin. Speed Bit 0	Internal	N/A	N/A
18	Spin. Speed Bit 1	Internal	N/A	N/A
19	Spin. Speed Bit 2	Internal	N/A	N/A
20	Spin. Speed Bit 3	Internal	N/A	N/A
21	Spin. Speed Bit 4	Internal	N/A	N/A
22	Spin. Speed Bit 5	Internal	N/A	N/A
23	Spin. Speed Bit 6	Internal	N/A	N/A
24	Spin. Speed Bit 7	Internal	N/A	N/A
25	Spin. Speed Bit 8	Internal	N/A	N/A
26	Spin. Speed Bit 9	Internal	N/A	N/A
27	Spin. Speed Bit 10	Internal	N/A	N/A
28	Spin. Speed Bit 11	Internal	N/A	N/A
29	Gear Change	Open Collector	H6	2
30	Rotary Clamp Solenoid	Fused Relay SPDT	H11	4, 5, 6
31	Carousel Enable *	Open Collector	H6	3
32	Red Light	Open Collector	H6	4

33	Green Light	Open Collector	H6	5
34	Yellow Light	Open Collector	H6	6
35	Worklight	Open Collector	H6	7
36	Auxiliary 1	Open Collector	H6	8
37	Auxiliary 2	Open Collector	H4	1
38	Auxiliary 3	Open Collector	H4	2
39	Auxiliary 4	Open Collector	H4	3
40	Fast I/O Enable *	N/A	N/A	N / A
41	NOT USED	N/A	N/A	N / A
42	NOT USED	N/A	N/A	N / A
43	NOT USED	N/A	N/A	N / A
44	NOT USED	N/A	N/A	N / A
45	NOT USED	N/A	N/A	N / A
46	NOT USED	N/A	N/A	N / A
47	NOT USED	N/A	N/A	N / A
48	NOT USED	N/A	N/A	N / A
49	NOT USED	N/A	N/A	N / A
50	NOT USED	N/A	N/A	N

				/ A
51	NOT USED	N/A	N/A	N / A
52	NOT USED	N/A	N/A	N / A
53	NOT USED	N/A	N/A	N / A
54	NOT USED	N/A	N/A	N / A
55	NOT USED	N/A	N/A	N / A
56	NOT USED	N/A	N/A	N / A
57	NOT USED	N/A	N/A	N / A
58	NOT USED	N/A	N/A	N / A
59	Auxiliary 13	Open Collector	H4	4
60	Auxiliary 14	Open Collector	H4	5
61	Auxiliary 15	Open Collector	H4	6
62	Auxiliary 16	Open Collector	H4	7
	Drive Fault	Power Relay SPST	H11	9, 10
	X Brake	Open Collector	H3	1
	Y Brake	Open Collector	H3	2
	Z Brake	Open Collector	H3	3