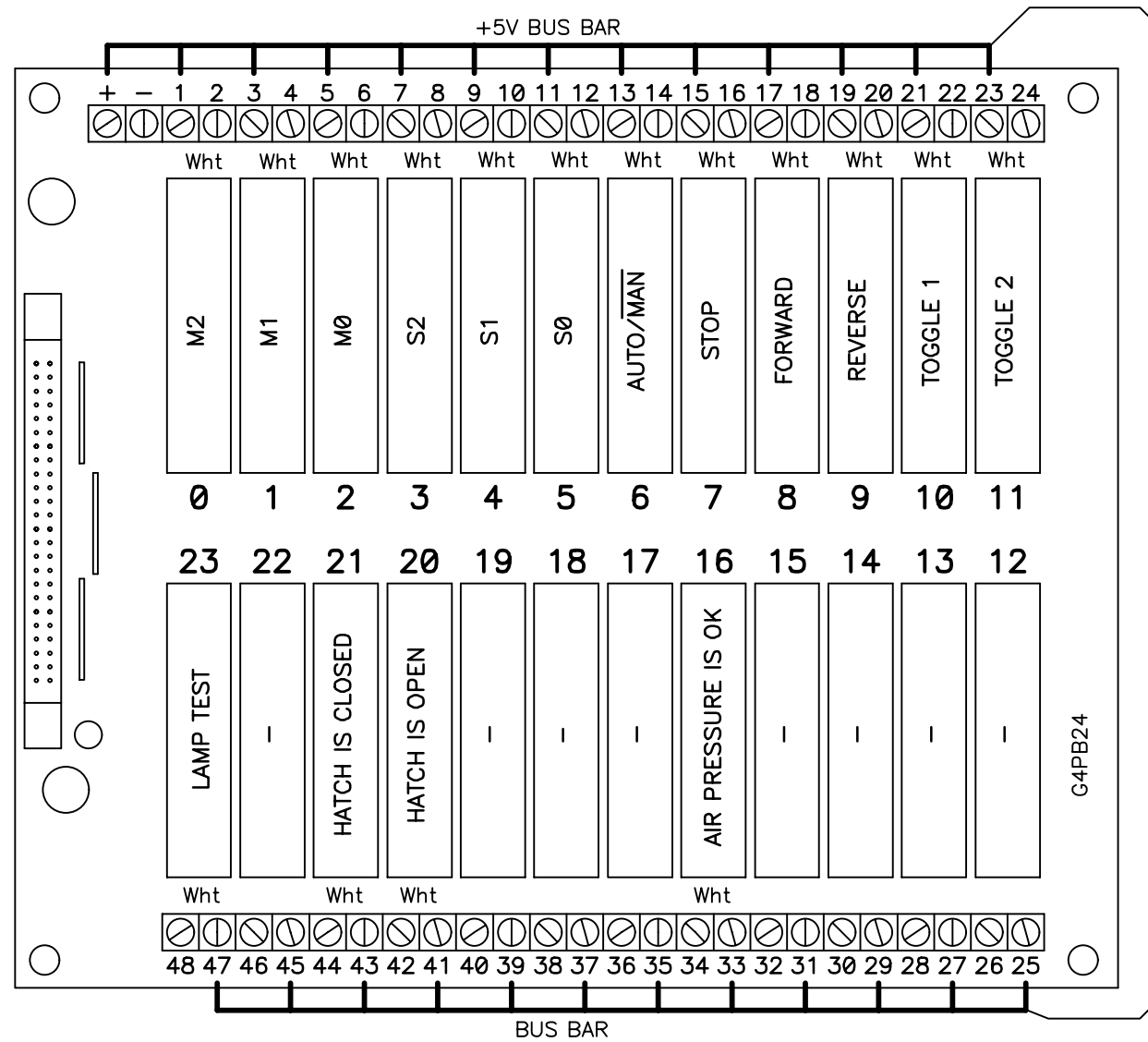


CABLE 6 INPUT PORTS

J6

CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION		
0	73	47	M2	MANUAL CONTROL PADDLE	8	81	FWD	MANUAL CONTROL PADDLE	16	89	15	AIR PRESSURE IS OK	
1	74	45	M1		9	82	29		REV	17	90	13	-
2	75	43	M0		10	83	27		TOGGLE1	18	91	11	-
3	76	41	S2		11	84	25		TOGGLE2	19	92	9	-
4	77	39	S1		12	85	23		-	20	93	7	HATCH IS OPEN
5	78	37	S0		13	86	21		-	21	94	5	HATCH IS CLOSED
6	79	35	AUTO/MAN		14	87	19		-	22	95	3	-
7	80	33	STOP	15	88	17	-	23	96	1	LAMP TEST		

BOARD #6  
CONTROLLER #1



BOARD #6  
CONTROLLER #1

BIT	PIN	OUTPUT BARRIER STRIP					
		TO	TO	TO			
	VCC						
	GRD						
73	1	+5V	TBA-15	PN3-3	G4IDC5D	M2	0
	2	J19-1					
74	3	PN6-1	PN6-5		G4IDC5D	M1	1
	4	J19-2					
75	5	PN6-3	PN6-7		G4IDC5D	M0	2
	6	J19-3					
76	7	PN6-5	PN6-9		G4IDC5D	S2	3
	8	J9-14					
77	9	PN6-7	PN6-11		G4IDC5D	S1	4
	10	J19-5					
78	11	PN6-9	PN6-13		G4IDC5D	S0	5
	12	J19-6					
79	13	PN6-11	PN6-15		G4IDC5D	AUTO/MAN	6
	14	J19-7					
80	15	PN6-13	PN6-17		G4IDC5D	STOP	7
	16	J19-8					
81	17	PN6-15	PN6-19		G4IDC5D	FWD	8
	18	J19-9					
82	19	PN6-17	PN6-21		G4IDC5D	REV	9
	20	J19-10					
83	21	PN6-19	PN6-23		G4IDC5D	TOGGLE1	10
	22	J19-11					
84	23	PN6-21	PN6-25		G4IDC5D	TOGGLE2	11
	24	J19-12					
85	25	PN6-23	PN6-27				12
	26	-					
86	27	PN6-25	PN6-29				13
	28	-					
87	29	PN6-27	PN6-31				14
	30	-					
88	31	PN6-29	PN6-33				15
	32	-					
89	33	PN6-31	PN6-35		G4IDC5D	AIR PRESS SWITCH	16
	34	J56-1					
90	35	PN6-33	PN6-37				17
	36	-					
91	37	PN6-35	PN6-39				18
	38	-					
92	39	PN6-37	PN6-41				19
	40	-					
93	41	PN6-39	PN6-43		G4IDC5D	HATCH IS OPEN	20
	42	J56-4		J19-18			
94	43	PN6-41	PN6-45		G4IDC5D	HATCH IS CLOSED	21
	44	J56-5		J19-19			
95	45	PN6-43	PN6-47				22
	46	-					
96	47	PN6-45			G4IDC5D	LAMP TEST	23
	48	J52-36					

NOTE:

- TB => TERMINAL STRIP
- PN => OPTO-22 RELAY PANEL
- J => CONNECTOR ON PANEL
- \* => USE 18 GAUGE WIRE

UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		INPUT PORT ASSIGNMENTS 73-96 DMC-1500-72 OPTO-22 I/O EXPANSION ESI INSTRUMENT CONTROLLER	
DES'N BY: B. Alcott	ORIGIN DATE: 3-13-97	DWG. NO.	NUM. 1 OF 1
DRAWN BY:	MODIFY DATE: 1-27-99	EL-3340-2D	
PATH: ESININ6	REV.A		

REVISION

- 09-12-97 COMBINED DRAWINGS TO PRESENT ALL INFO IN ONE PLACE
- 11-19-97 ADDED HATCH SIGNALS
- 01-15-98 REMOVED POST DISP PRISM SIGNALS (CHANGED TO SHAFT BRAKE WITH NO FEEDBACK)
- 03-03-98 to UPDATED ALL 'PN3' to 'PN6', ADDED J19, ADDED COLOR LABELS TO RELAYS, EXTENDED UPPER BUS BAR TO PICK UP '+' TERMINAL.
- 01-11-99 to MOVED AIR PRESSURE SWITCH FROM BOARD # 3
- 01-27-99 to ADDED LAMP-TEST SWITCH

EL-3340-2D

INPUT PORT ASSIGNMENTS 73-96