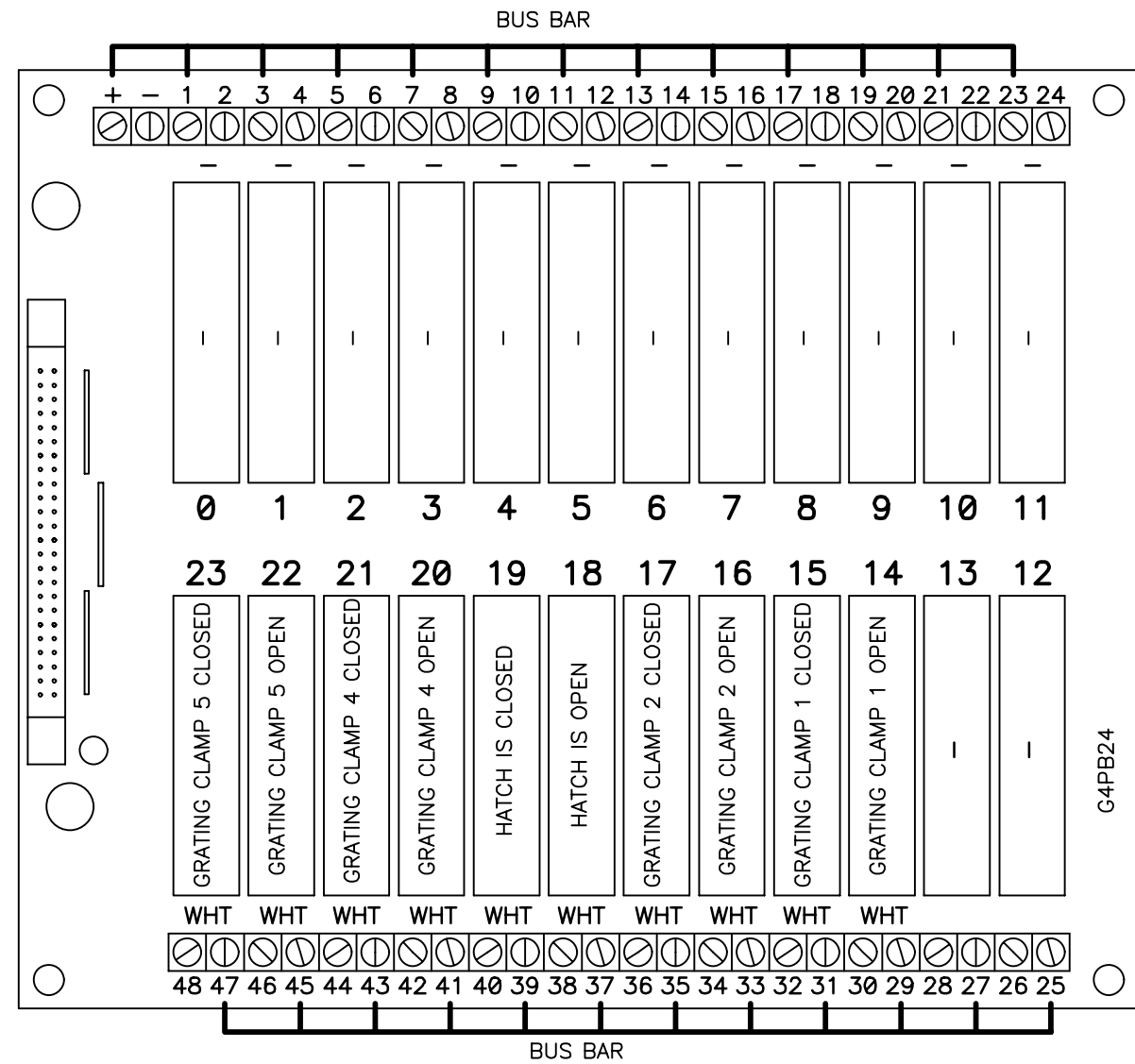


CABLE 6 INPUT PORTS CONTROLLER #2

J6

CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION
0	73	47	-	8	81	31	-	16	89	15	GRATING CLAMP 2 IS OPEN
1	74	45	-	9	82	29	-	17	90	13	GRATING CLAMP 2 IS CLOSED
2	75	43	-	10	83	27	-	18	91	11	HATCH IS OPEN
3	76	41	-	11	84	25	-	19	92	9	HATCH IS CLOSED
4	77	39	-	12	85	23	-	20	93	7	GRATING CLAMP 4 IS OPEN
5	78	37	-	13	86	21	-	21	94	5	GRATING CLAMP 4 IS CLOSED
6	79	35	-	14	87	19	-	22	95	3	GRATING CLAMP 5 IS OPEN
7	80	33	-	15	88	17	-	23	96	1	GRATING CLAMP 5 IS CLOSED



INSTRUMENT CONTROLLER  
CONTROLLER #2  
BOARD #6

CONTROL PANEL #6

BIT	PN	OUTPUT BARRIER STRIP				
		TO	TO	TO		
	VCC	TBC-17R				
	GND	TBD-22L				
73	1	+5V	PN6-VCC	PN6-3	-	-
	2	J19-1				
74	3	PN6-1	PN6-5		-	-
	4	J19-2				
75	5	PN6-3	PN6-7		-	-
	6	J19-3				
76	7	PN6-5	PN6-9		-	-
	8	J19-4				
77	9	PN6-7	PN6-11		-	-
	10	J19-5				
78	11	PN6-9	PN6-13		-	-
	12	J19-6				
79	13	PN6-11	PN6-15		-	-
	14	J19-7				
80	15	PN6-13	PN6-17		-	-
	16	J19-8				
81	17	PN6-15	PN6-19		-	-
	18	J19-9				
82	19	PN6-17	PN6-21		-	-
	20	J19-10				
83	21	PN6-19	PN6-23		-	-
	22	J19-11				
84	23	PN6-21			-	-
	24	J19-12				
85	25		PN6-27		-	-
	26	J				
86	27	PN6-25	PN6-29		-	-
	28	J				
87	29	PN6-27	PN6-31		G4IDC5D	G. CLAMP 1 OPEN
	30	J44-1				
88	31	PN6-29	PN6-33		G4IDC5D	G. CLAMP 1 CLOSED
	32	J44-4				
89	33	PN6-31	PN6-35		G4IDC5D	G. CLAMP 2 OPEN
	34	J44-7				
90	35	PN6-33	PN6-37		G4IDC5D	G. CLAMP 2 CLOSED
	36	J44-10				
91	37	PN6-35	PN6-39		G4IDC5D	HATCH IS OPEN
	38	J44-13	J19-18			
92	39	PN6-37	PN6-41		G4IDC5D	HATCH IS CLOSED
	40	J44-16	J19-19			
93	41	PN6-39	PN6-43		G4IDC5D	G. CLAMP 4 OPEN
	42	J44-19	J19-20			
94	43	PN6-41	PN6-45		G4IDC5D	G. CLAMP 4 CLOSED
	44	J44-22	J19-21			
95	45	PN6-43	PN6-47		G4IDC5D	G. CLAMP 5 OPEN
	46	J44-25				
96	47	PN6-45	TBC-12R		G4IDC5D	G. CLAMP 5 CLOSED
	48	J44-28				

NOTE:

TB => TERMINAL STRIP

PN => OPTO-22 RELAY PANEL

J => CONNECTOR ON PANEL

\* => USE 18 GAUGE WIRE

REVISION

- 10-31-97 COMBINED ALL RELATED DRAWINGS
- 04-10-98 ADDED RELAY COLORS
- 05-05-98 CHANGED J46 TO J44
- 02-12-01 CORRECTED LABEL ON CHANNEL 10. NOW IS MASK INSERT
- 03-18-02 REMOVED REFERENCES TO MANUAL PADDLE - NOT IMPLEMENTED

UNIVERSITY OF CALIFORNIA  
LICK OBSERVATORY

INPUT PORT ASSIGNMENTS 73-96  
CONTROLLER #2 OPTO-22  
DEIMOS SPECTROGRAPH

DES'N BY: B. Alcott

ORIGIN DATE: 12-18-95

DWG. NO.

NUM. 1 OF 1

DRAWN BY:

MODIFY DATE: 03-18-02

PATH: DEIMOS\ING

REV.A

EL-3039

EL-3039-2D

BOARD #6