

### Preamp Power Supply

Analog Status 1 Top J6	Analog Status 2 Bottom J5	Digital Control Top J3	Digital Status Bottom J4
1 Output A Voltage (2V/V)	1 Vicor Temperature (10DegC/V)	1 Remote ON=1/OFF=0	1 Main Power On=1
20 Ground	20 Ground	20 Ground	20 Ground
2 Output A Current (2.5A/V)	2 Shunt Plate Temp. (10DegC/V)	2 Remote Reset	2 Remote=0/Local=1
21 Ground	21 Ground	21 Ground	21 Ground
3 Output B Voltage (2V/V)	3 Magnetic Field (50Gauss/V)	3	3 AC OK=0
22 Ground	22 Ground	22 Ground	22 Ground
4 Output B Current (2.5A/V)	4 Diode Bracket 1 (20DegC/V)	4	4 Over Temp Warning=1
23 Ground	23 Ground	23 Ground	23 Ground
5 Output C Voltage (1V/V)	5 Diode Bracket 2 (20DegC/V)	5	5 Supply A Trip=1
24 Ground	24 Ground	24 Ground	24 Ground
6 Output C Current (2.5A/V)	6	6	6 Supply B Trip=1
25 Ground	25 Ground	25 Ground	25 Ground
7 Output D Voltage (1V/V)	7	7	7 Supply C Trip=1
26 Ground	26 Ground	26 Ground	26 Ground
8 Output D Current (2.5A/V)	8	8	8 Supply D Trip=1
27 Ground	27 Ground	27 Ground	27 Ground
9 Output E Voltage (1V/V)	9	9	9 Supply E Trip=1
28 Ground	28 Ground	28 Ground	28 Ground
10 Output E Current (2.5A/V)	10	10	10 Supply F Trip=1
29 Ground	29 Ground	29 Ground	29 Ground
11 Output F Voltage (1V/V)	11	11	11 Supply G Trip=1
30 Ground	30 Ground	30 Ground	30 Ground
12 Output F Current (2.5A/V)	12	12	12 Supply H Trip=1
31 Ground	31 Ground	31 Ground	31 Ground
13 Output G Voltage (-1V/V)	13	13	13 External Interlock Fault=1
32 Ground	32 Ground	32 Ground	32 Ground
14 Output G Current (2.5A/V)	14	14	14 Reset Status
33 Ground	33 Ground	33 Ground	33 Ground
15 Output H Voltage (-1V/V)	15	15	15 OverVoltage Trip=1
34 Ground	34 Ground	34 Ground	34 Ground
16 Output H Current (2.5A/V)	16	16	16 OverCurrent Trip=1
35 Ground	35 Ground	35	35
17	17	17	17
36	36	36	36
18	18	18	18
37	37	37	37
19	19	19	19

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