Sheet1

Computer Compass Mk9

Rectangular plug

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      ------------------------------------
     /    01 02  03     04     05    06 07   \
    |08 09 10 11     12      13      14 15 16 17|
    |   18 19 20 21 22 23 24 25 26 27 28 29  |
    |30 31 32 33 34 35 36 37 38 39 40 41 42|
    |   43 44 45 46 47 48 49 50 51 52 53 54  |
    |55 56 57 58 59 60 61 62 63 64 65 66 67|
      ------------------------------------
          |  |           |  |          |  |
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```

1	Link 1-2	Common
2	Link 1-2	Common
3	Link 3-4	115V 400~
4	Link 3-4	115V 400~
5		
6		
7		
8		
9	Link 1-2	Common
10	Link 10-21	115v 400~ power input
11	Link 1-2	Common
12		Fluxgate input a
13		Fluxgate input b
14		Fluxgate input c
15		
16	3.8 ohm to Link 1-2	
17		
18		Chassis – ground
19		Heading #1 excite output a
20		
21	Link 10-21	115V 400~
22	Link 1-2	Common – Meter output b
23		inhibit relay contact output a
24		inhibit relay contact output b
25		
26		Meter op a / inhibit input a
27		slave inhibit input a
28		
29		

30		22.3V 400~ Fluxgate excite output a
31	Link 1-2	Common - Fluxgate excite output b
32		
33		Heading #3 excite input a
34		
35		
36		
37		
38		
39		Heading #3 stator output a
40		
41		Heading #1 stator output a
42		Gyro stator input a
43		Heading #3 excite input b
44		
45		
46		
47		
48		
49		
50		Heading #3 stator output b
51		
52		
53		Heading #1 stator output b
54		Gyro stator input b
55		Heading #1 excite input b
56		
57		
58		
59		
60		
61		
62		
63		
64		Heading #3 stator output c
65		
66		Heading #1 stator output c
67		Gyro stator input c

Test sockets

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| 01  02  03  04  05  06  07 |
| 08  09  10  xx  11  12  13 |
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```

1		Gyro input a
2		Gyro input b
3		Gyro input c
4		test switch input a
5		Meter drive output a
6		Meter drive output b
7		test switch input b
8		Flux gate excite a – 0v
9		Flux gate excite b – 22.5v 400~
10		Common
11	4.6v DC	?
12	4.6v DC	?
13	300v DC	?
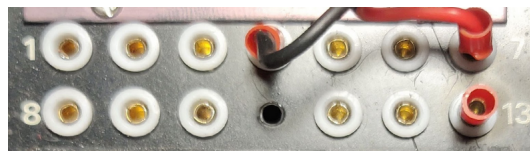
Round socket

no I,O,Q,i pinholes

A	27v 400~ derived from 115v~ input
B	16v DC
C	
D	
E	
F	
G	
H	
J	
K	
L	
M	
N	
P	
R	
S	
T	
U	
V	
W	
X	
Y	
Z	
a	
b	
c	
d	
e	
f	
g	
h	
j	