L1
L2

MAIN 15A
1 CB1 2 — MAIN-L1

SPINDLE 20A
3 4
1 CB2 2

VACUUM 15A
1 CB3 2

AUX 15A
1 CB4 2

X-SERVO 15A
1 CB5 2

Y-SERVO 15A
1 CB6 2

Z-SERVO 15A
1 CB7 2

N — N

V_LL: 208 – 240VAC
V_LN: 120VAC

AC Power Control

MAIN-L1   N

1   ON   12   OFF   2   A1 (K1) A2   3
    SW1   SW2
    K1
11 14
K1A

11 14   A1 (Km) A2
K2A

PS1
24V,5V
1 AC   AC 2

ESTOP and Brake Control

24V   RTN

ESTOP ESTOP ESTOP   7   OUT7   8   A1 +K2- A2
SW3   SW4   SW5   MESA   1N4004 D1
4   + I

5   OUT4   9   A1 + - A2
6   MESA   DRIVE_INHIBIT
                     + I
                                          A1 + - A2
                                          BRAKE
                                          1N4004 D2
                     IN13   10
                MESA
                + I   10
                                          10
STACK LIGHT   OUT3
RED   MESA
GREEN   + I

                OUT5
                MESA
                + I

971 SPARTAN ROBOTICS

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Title: CNC ROUTER E-STOP
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