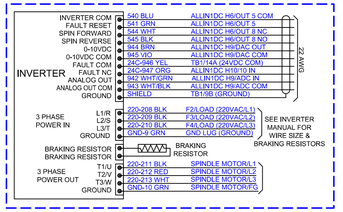
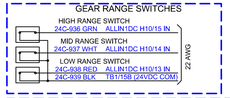
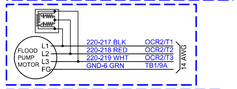


NOTE 1

110VAC SPINDLE COOLING FAN 110N-122 BLK connects from CNT1/L3 to TB1/9A.
Wire 110N-123 BLK connects to CNT1/T3.
Wire 110N-124 WHT connects to TB1/7A.
Wires are 18 AWG

220VAC SPINDLE COOLING FAN 220-297 BLK connects from F3/LOAD to CNT1/L3. Wire 220-298 BLK connects to CNT1/T3. Wire 220-299 WHT connects to F4/LOAD.
Wires are 14 AWG

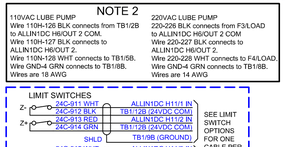




NOTE 2

110VAC LUBE PUMP
Wire 110H-128 BLK connects from TB1/2B to ALLIN1DC H6/OUT 2 COM.
Wire 110H-127 BLK connects to ALLIN1DC H6/OUT 2.
Wire 110N-128 WHT connects to TB1/5B.
Wire GND-4 GRN connects to TB1/8B.
Wires are 18 AWG

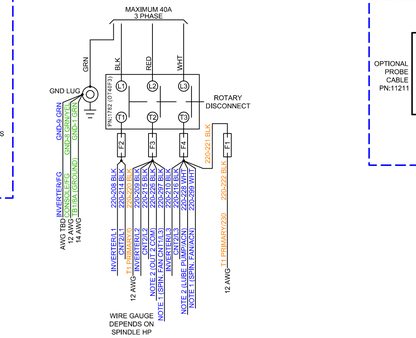
220VAC LUBE PUMP
220-226 BLK connects from F3/LOAD to ALLIN1DC H6/OUT 2 COM
Wire 220-227 BLK connects to ALLIN1DC H6/OUT 2.
Wire 220-228 WHT connects to F4/LOAD.
Wire GND-4 GRN connects to TB1/8B.
Wires are 14 AWG

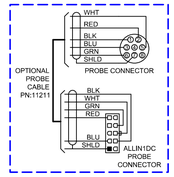


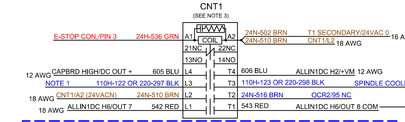
NOTE 3

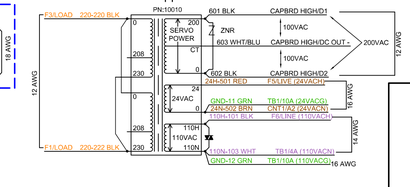
ALL CONTACTOR COILS REQUIRE A SNUBBER, EITHER CONTACTOR MANUFACTURERS RECOMMENDED SNAP ON SNUBBER OR CENTROID PN:1819 EXTERNAL QUENCHARC SNUBBER.

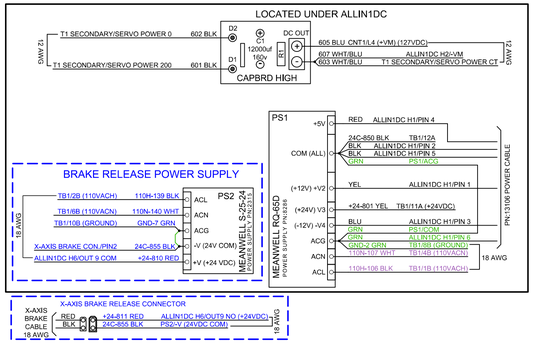
PART (MFG PN:)	LOCATION
ALLIN1DC (PN:11144)	E2-F4
CAPBRD HIGH (PN:10766)	D3,D4
CNT1 (PN:14374)	B2
CNT2 (PN:14377)	B3
CONSOLE OPTIONS	A5-D6
DISCONNECT (OT40F3)	B1
DOOR CLOSED SWITCH	A4
DOOR FAN	F5
E-STOP CON.	D5
E-STOP CON. CONSOLE	D6
E-STOP CON. PENDANT	E6
E-STOP SWITCH	D5
E-STOP SWITCH CONSOLE	D6
E-STOP SWITCH PENDANT	E6
F1,F2,F3,F4	B1
F5,F6	D3
FLOOD PUMP MOTOR	A3
FUSE TABLE	G6
GEAR RANGE SWITCHES	A2
GROUND LUG	B1
INVERTER	A1
LIMIT SWITCHES	A4
LIMIT SWITCH OPTIONS	F6,G6
LUBE PUMP	A3
MIST	A3
MPG CABLE	E5-F6
NOTE 1	A2
NOTE 2	A3
NOTE 3	A4
NUC (PN:8520)	C6
OCR2 (LR2K0310)	B3
OPERATOR CONTROL PANEL	E6
PC (PN:11084)	B6
PROBE CABLE (PN:11211)	C1
PS1 (RQ-65D)	D4
PS2 (S-25-24)	C4
SPINDLE COOLING FAN	A2
SPINDLE MOTOR	A1
T1 (PN:10010)	B3
TB1	D2,D3
WORK LIGHT	A2
X-AXIS BRAKE RELEASE	C4,D4

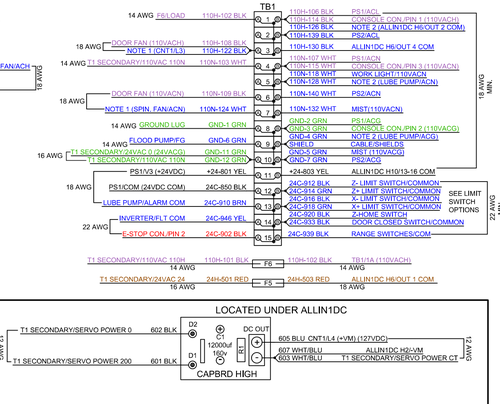


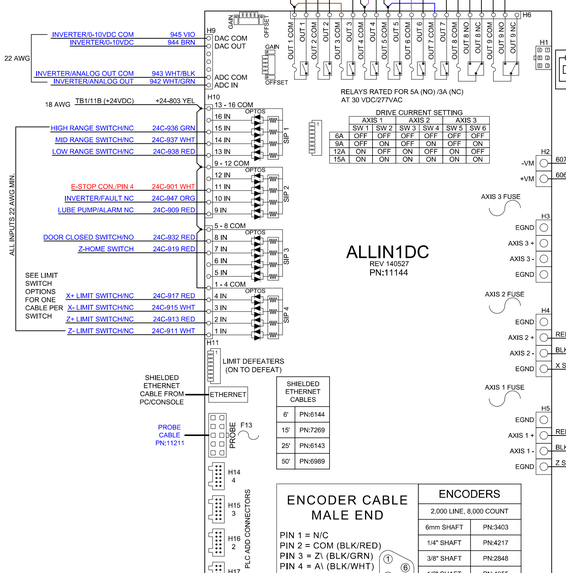


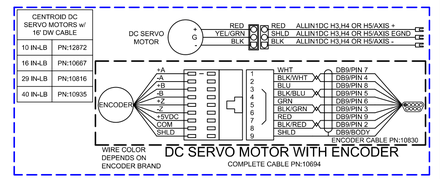






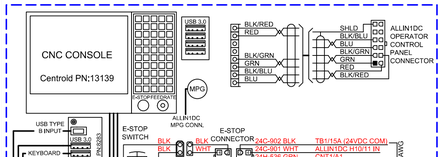


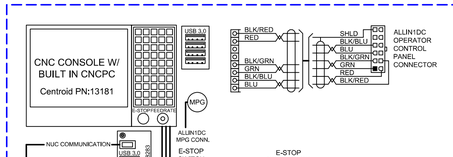


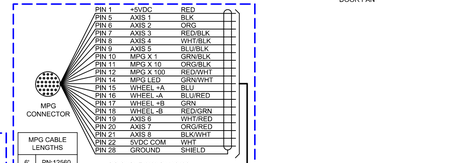


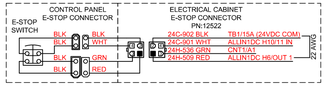
IF USING CIRCUIT BREAKERS INSTEAD OF FUSES, SEPARATE DEVICE SUPPLY CIRCUITS AND USE D CURVE CIRCUIT BREAKERS.
WE RECOMMEND THE FOLLOWING BREAKERS.

AMPERAGE	POLES	PART NUMBER (EATON)
5	1	FAZ-D5-1-NA-SP
15	1	FAZ-D15/1-NA-SP
2	2	FAZ-D2-2-NA
6	2	FAZ-D6-2-NA
10	2	FAZ-D10-2-NA
16	2	FAZ-D16-2-NA
30	2	FAZ-D30-2-NA
16	3	FAZ-D16-3-NA
32	3	FAZ-D30-3-NA
63	3	FAZ-D63-3-NA









E-STOP CONNECTIONS ARE SHOWN IN RED
OPTIONAL CONNECTIONS ARE SHOWN IN BLUE
GROUND CONNECTIONS ARE SHOWN IN GREEN
110VAC CONNECTIONS ARE SHOWN IN VIOLET
3 PHASE CONNECTIONS ARE SHOWN IN ORANGE
24VAC CONNECTIONS ARE SHOWN IN BROWN

SUGGESTED WIRE CURRENT CAPACITY STRANDED MTW OR EQUIVALENT

18 AWG - UP TO 6A
16 AWG - UP TO 8A
14