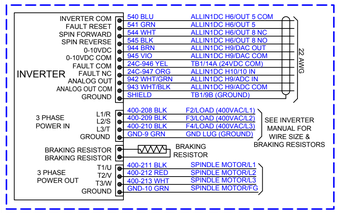
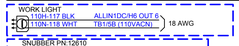
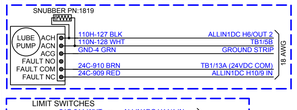


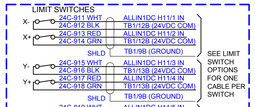
NOTE 1

110VAC SPINDLE COOLING FAN
110H-122 BLK connects from CNT1/L3 to TB1/3A.
Wire 110H-123 BLK connects to CNT1/T3.
Wire 110N-124 WHT connects to TB1/7A.
Wires are 18 AWG.

400VAC SPINDLE COOLING FAN
400-297 BLK connects from F3/LOAD to CNT1/L3. Wire 400-288 BLK connects to CNT1/T3. Wire 400-299 WHT connects to F4/LOAD.
Wires are 14 AWG

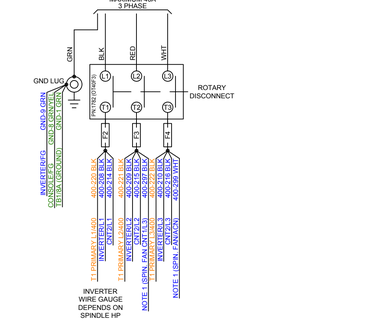


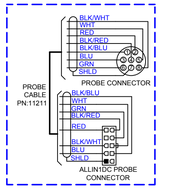


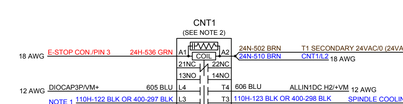


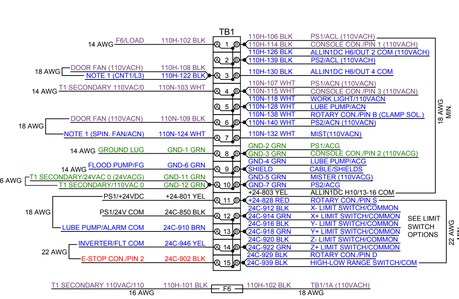
NOTE 2

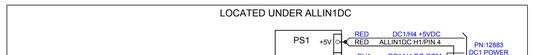
ALL CONTACTOR COILS REQUIRE A SNUBBER, EITHER CONTACTOR MANUFACTURERS RECOMMENDED SNAP ON SNUBBER OR CENTROID PN:1819 EXTERNAL QUENCHARC SNUBBER.

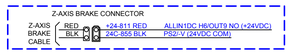


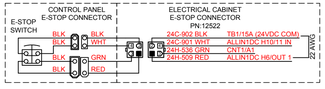


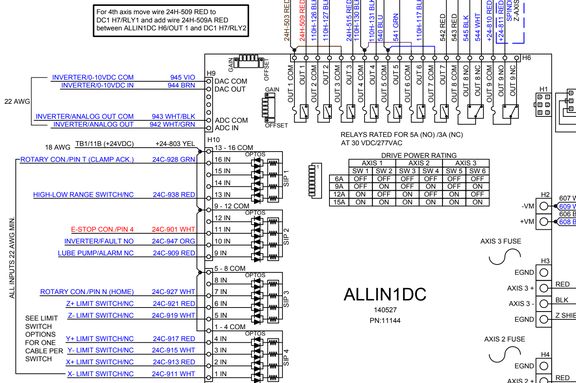


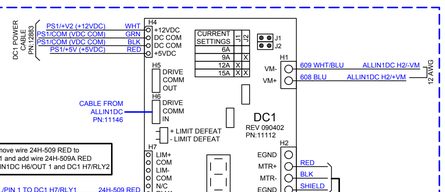


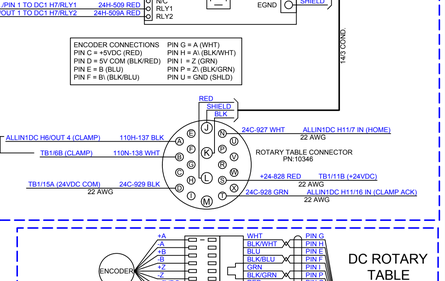


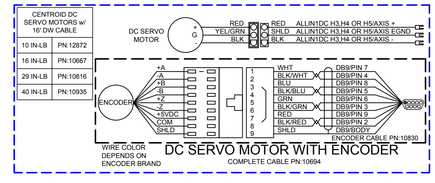






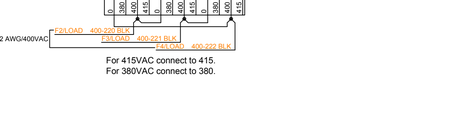


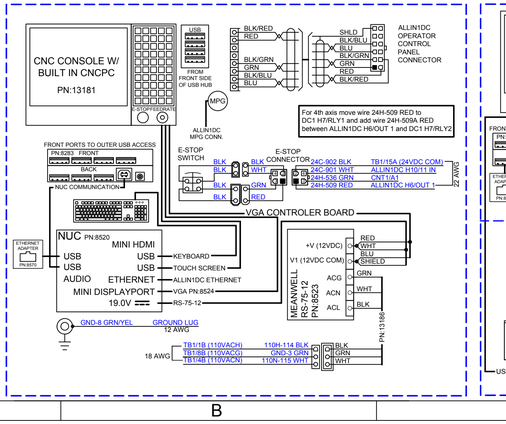


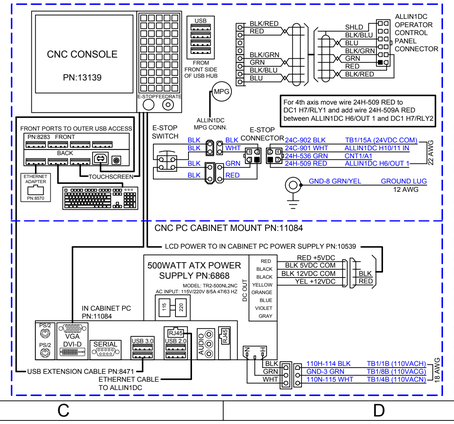


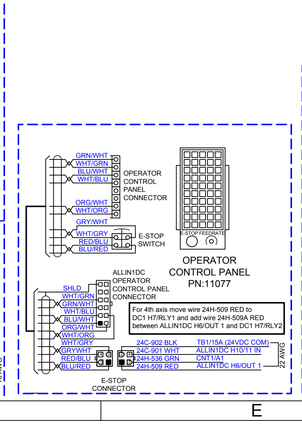
IF USING CIRCUIT BREAKERS INSTEAD OF FUSES, SEPARATE DEVICE SUPPLY CIRCUITS AND USE D CURVE CIRCUIT BREAKERS.
WE RECOMMEND THE FOLLOWING BREAKERS.

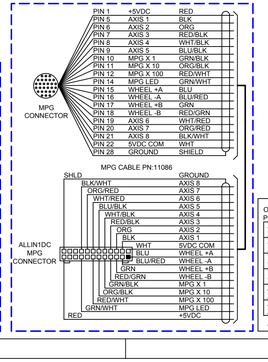
AMPERAGE	POLES	PART NUMBER (EATON)
5	1	FAZ-D5-1-NA-SP
15	1	FAZ-D15/1-NA-SP
2	2	FAZ-D2-2-NA
6	2	FAZ-D6-2-NA
10	2	FAZ-D10-2-NA
16	2	FAZ-D16-2-NA
30	2	FAZ-D30-2-NA
16	3	FAZ-D16-3-NA
32	3	FAZ-D30-3-NA
63	3	FAZ-D63-3-NA

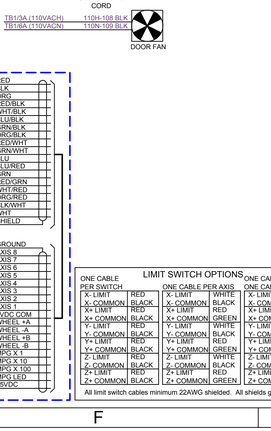












PART (MFG PN:)	LOCATION
ALLIN1DC (11144)	E2,E3,E4,F2,F3,F4
CNT1 (LC1D74D87)	B2
CNT2 (LC1K0610B7)	B3
CONSOLE OPTIONS	C5,C6,D5,D6
DC1 (11112)	G1,G2,H1,H2
DISCONNECT (OT40F3)	B1
DIOCAP3P (10957)	B4
DOOR FAN	F5
E-STOP CONNECTOR	D5
E-STOP CON. CONSOLE	D6
E-STOP CON. PENDANT	E6
E-STOP SWITCH	D5
E-STOP SWITCH CONSOLE	D6
E-STOP SWITCH PENDANT	E6
F2,F3,F4	B1
F5,F6	D3
FLOOD PUMP MOTOR	A2
FUSE TABLE	G6
GROUND LUG	B1
HIGH-LOW RANGE SWITCH	A2
INVERTER	A1
OPERATOR CONTROL PANEL	E6
LIMIT SWITCHES	A3,A4
LIMIT SWITCH OPTIONS	F6,G6
LUBE PUMP	A3
MIST	A3
MPG CABLE	E5,E6
NOTE 1	A2
NOTE 2	A4
NUC (PN:8520)	B6
OCR2 (LR2K0310)	B3
PC (PN:11084)	C6
PROBE CABLE (PN:11211)	C3
PS1 (RQ-65D)	D4
PS2 (S-25-24)	D4
SNUBBER FOR CNT1 (LA4KE18)	B3
SNUBBER FOR CNT2 (LA4KE18)	B3
SPINDLE BRAKE RELEASE	A2
SPINDLE COOLING FAN	A2
SPINDLE MOTOR	A1
T1 (PN:5578)	B4
TB1	D2,D3
WORK LIGHT	A2
Z-AXIS BRAKE CONNECTOR	C4,D4

BRIDGE RECTIFIED DC MOTOR VOLTAGE (INPUT)VAC X 1.414 =(OUTPUT)VDC

83VAC = 117DC
88VAC = 124VDC
93VAC = 132VDC
98VAC = 139VDC

RECTIFIED DC MOTOR VOLTAGE MUST NOT EXCEED SERVO MOTOR VOLTAGE RATING

DB9 CABLE CONNECTOR MALE END	ENCODERS	