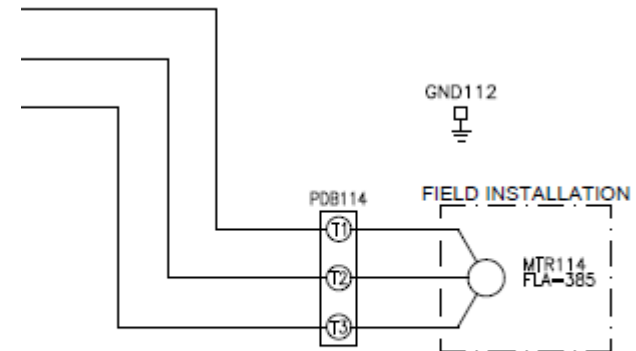
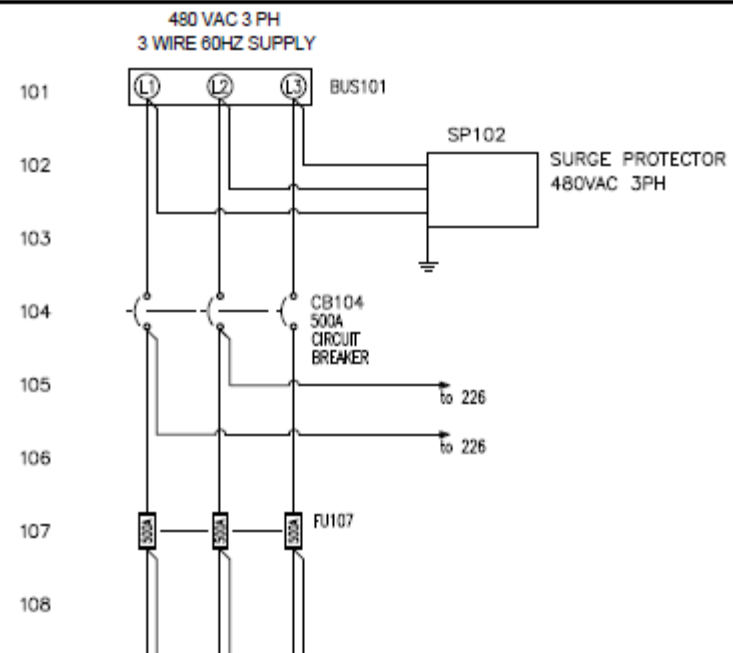
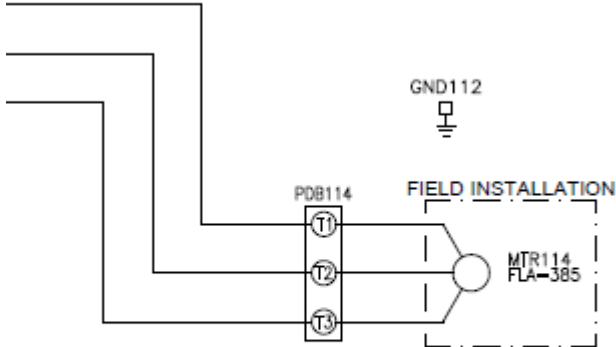
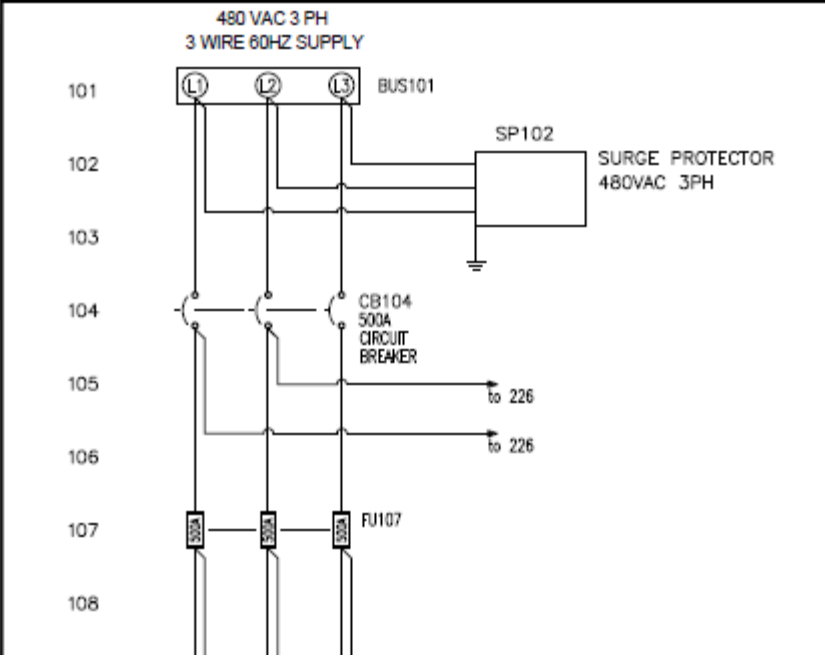


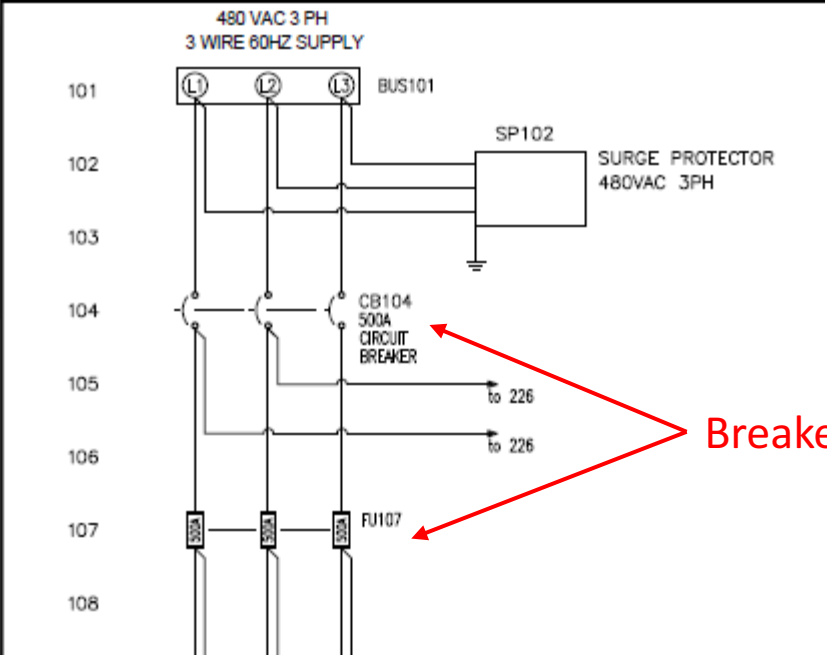
All 480VAC Power Connections on this Page



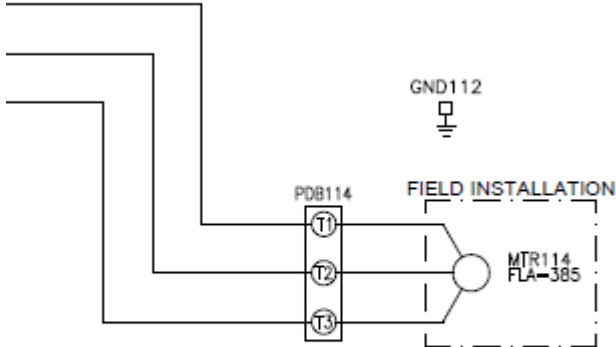
Incoming Power



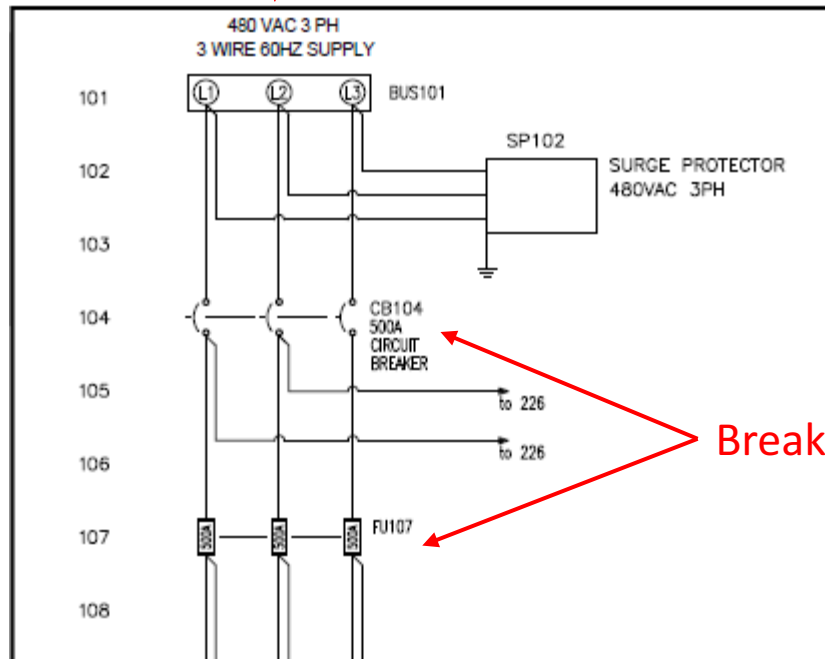
Incoming Power



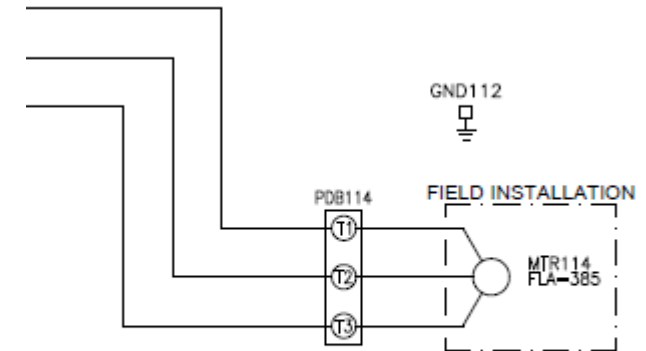
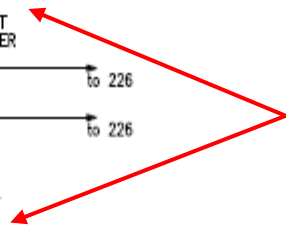
Breaker and/or Fuses



Incoming Power



Breaker and/or Fuses



Motor Connection



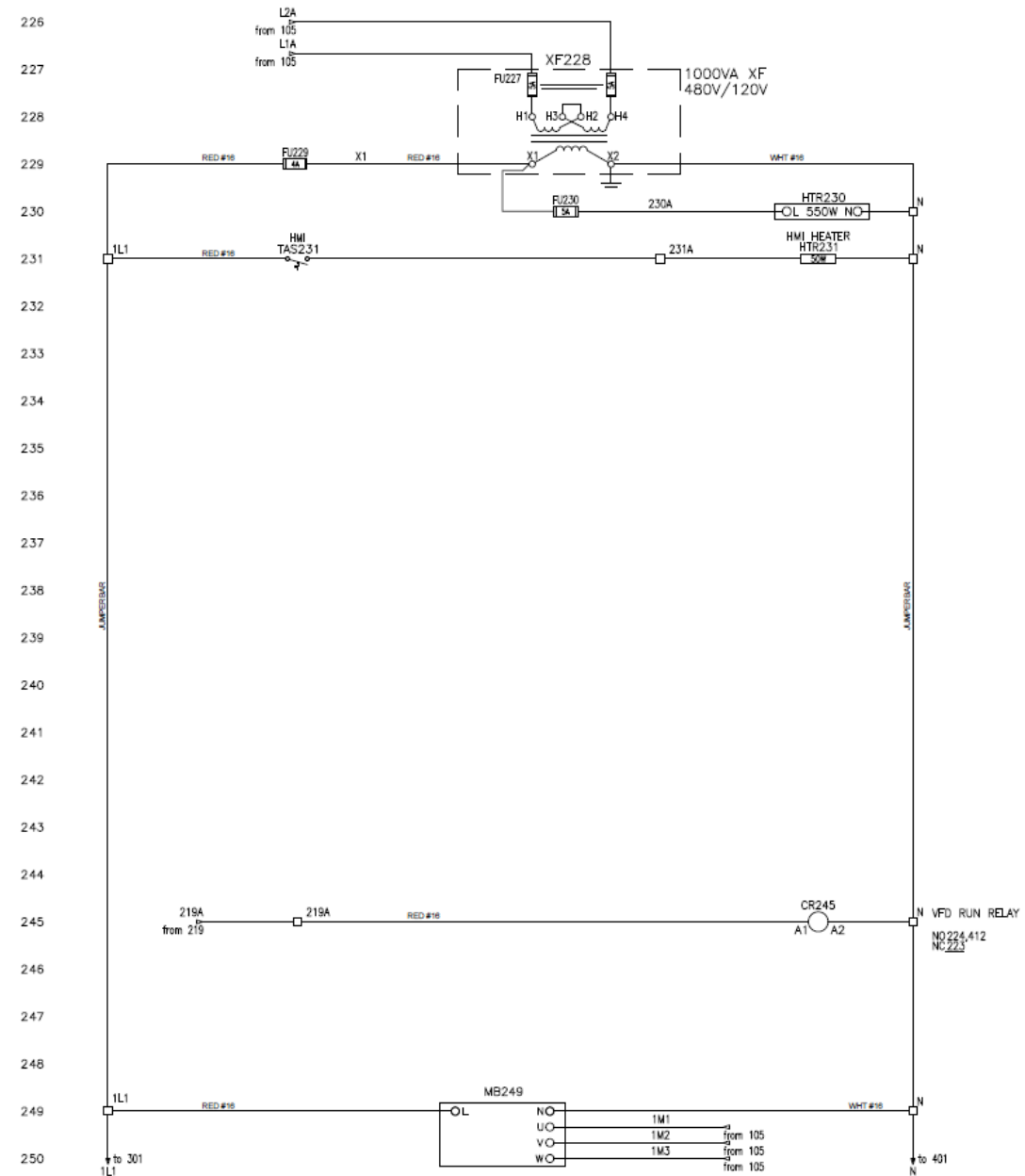
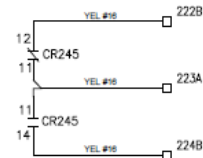
Wiring diagram for the 2000 Series PLC. The diagram shows the connection of various modules to the PLC unit.

Terminal Block Connections:

- 201: (+10Vdc) 1 O
- 202: (AI1+) 2 O
- 203: (AI1-) 3 O
- 204: (AI2+) 4 O
- 205: (AI2-) 5 O
- 206: (AO1+) 18 O
- 207: (AO1-) 19 O
- 208: (+24) 12 O
- 209: (-24) 13 O
- 210: (DI1) 8 O
- 211: (DI5) 15 O
- 212: (DI2) 9 O
- 213: (DI3) 10 O
- 214: (DI4) 14 O
- 215: (DI5) 15 O
- 216: 0 O
- 217: (R01 NC) 21 O
- 218: (R01 COM) 22 O
- 219: (R01 NO) 23 O
- 220: (R02 NC) 24 O
- 221: (R02 COM) 25 O
- 222: (R02 NO) O
- 223: DR110 OPTCL
- 224: PORT1
- 225: SLOT E

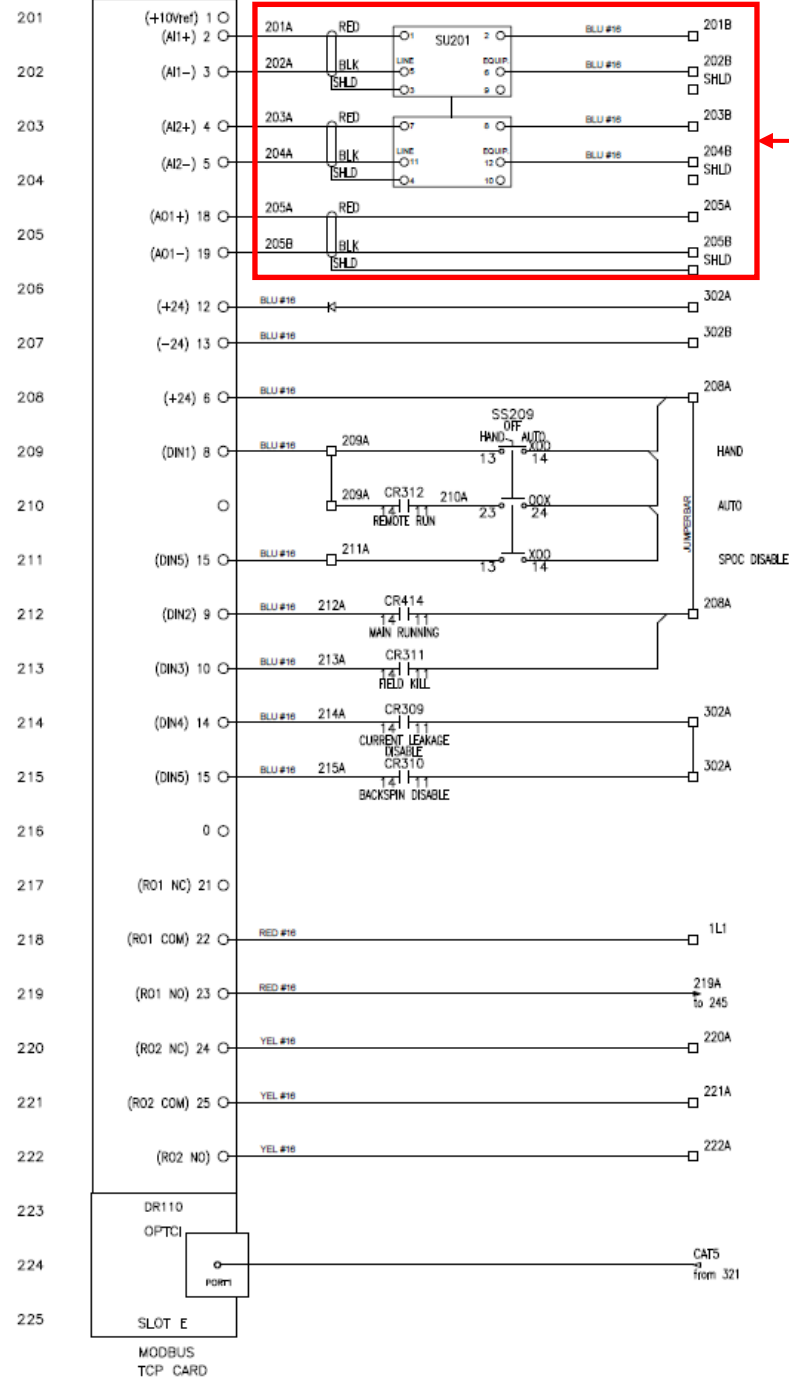
Wiring Schematic Details:

- Power Supply (SU201):** Connected to 201 (+10Vdc) and 202 (AI1+). Output lines are labeled 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.
- AI1 (202):** Connected to 202 (+10Vdc) and 203 (AI1-). Output lines are labeled 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.
- AI2 (204):** Connected to 204 (+10Vdc) and 205 (AI2-). Output lines are labeled 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.
- AO1 (206):** Connected to 206 (+10Vdc) and 207 (AO1-). Output lines are labeled 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.
- DI1 (210):** Connected to 210 (DI1) and 211 (DI5). Output lines are labeled 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.
- DI2 (212):** Connected to 212 (DI2) and 213 (DI3). Output lines are labeled 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.
- DI3 (213):** Connected to 213 (DI3) and 214 (DI4). Output lines are labeled 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.
- DI4 (214):** Connected to 214 (DI4) and 215 (DI5). Output lines are labeled 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.
- DI5 (215):** Connected to 215 (DI5) and 216 (0). Output lines are labeled 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.
- DO1 (217):** Connected to 217 (R01 NC) and 218 (R01 COM). Output lines are labeled 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.
- DO2 (219):** Connected to 219 (R01 NO) and 220 (R02 NC). Output lines are labeled 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.
- DO3 (221):** Connected to 221 (R02 COM) and 222 (R02 NO). Output lines are labeled 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.
- DO4 (223):** Connected to 223 (DR110 OPTCL) and 224 (PORT1). Output lines are labeled 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.
- DO5 (225):** Connected to 225 (SLOT E) and 226 (MODBUS TCP CARD). Output lines are labeled 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.

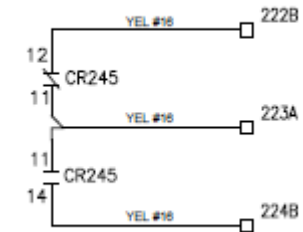


REV. NOTE:	ENGINEER: SBrooks
0	DRAFTSMAN: BFranklin
	CHECKED BY:
	REVISION DATE: 4/13/20

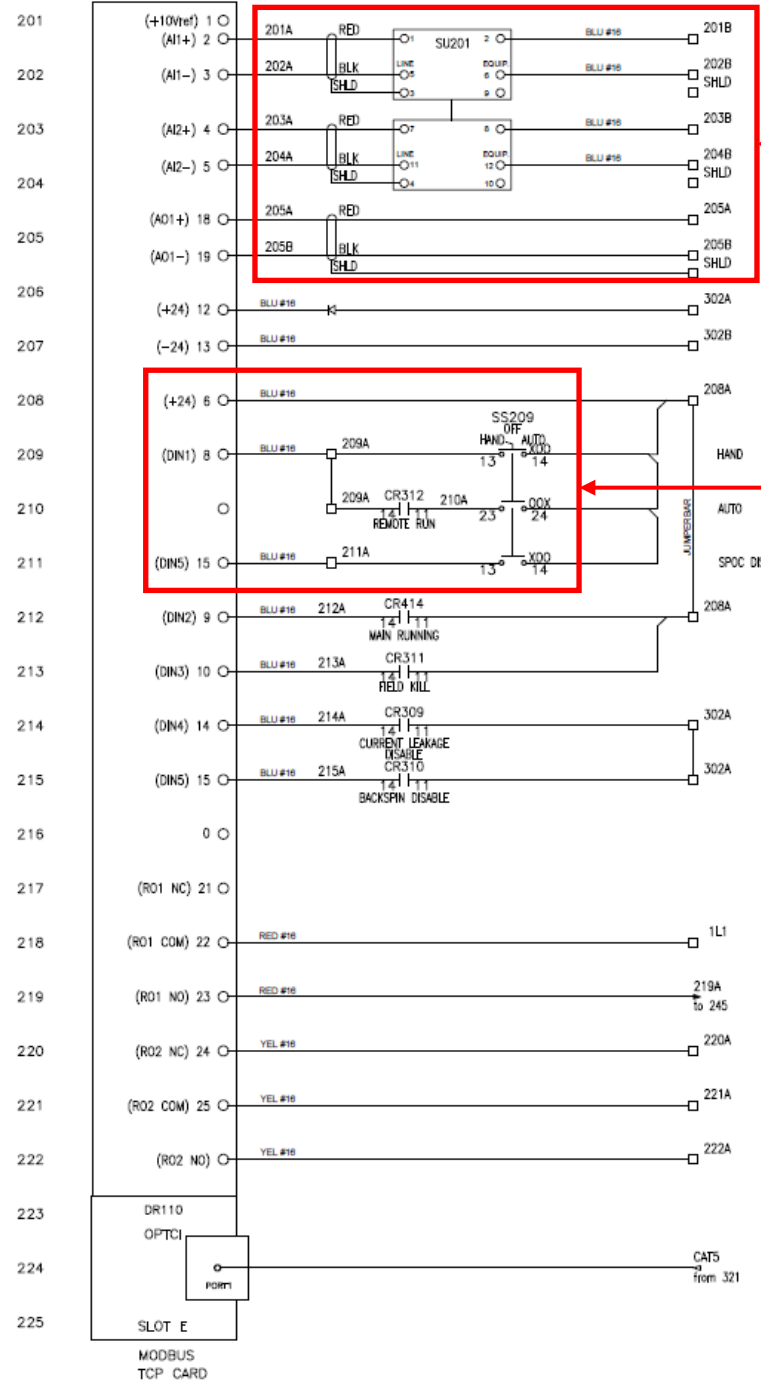
DR110



Drive Analog Inputs
and Analog Output

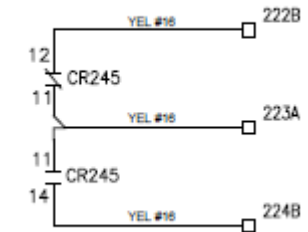


DR110

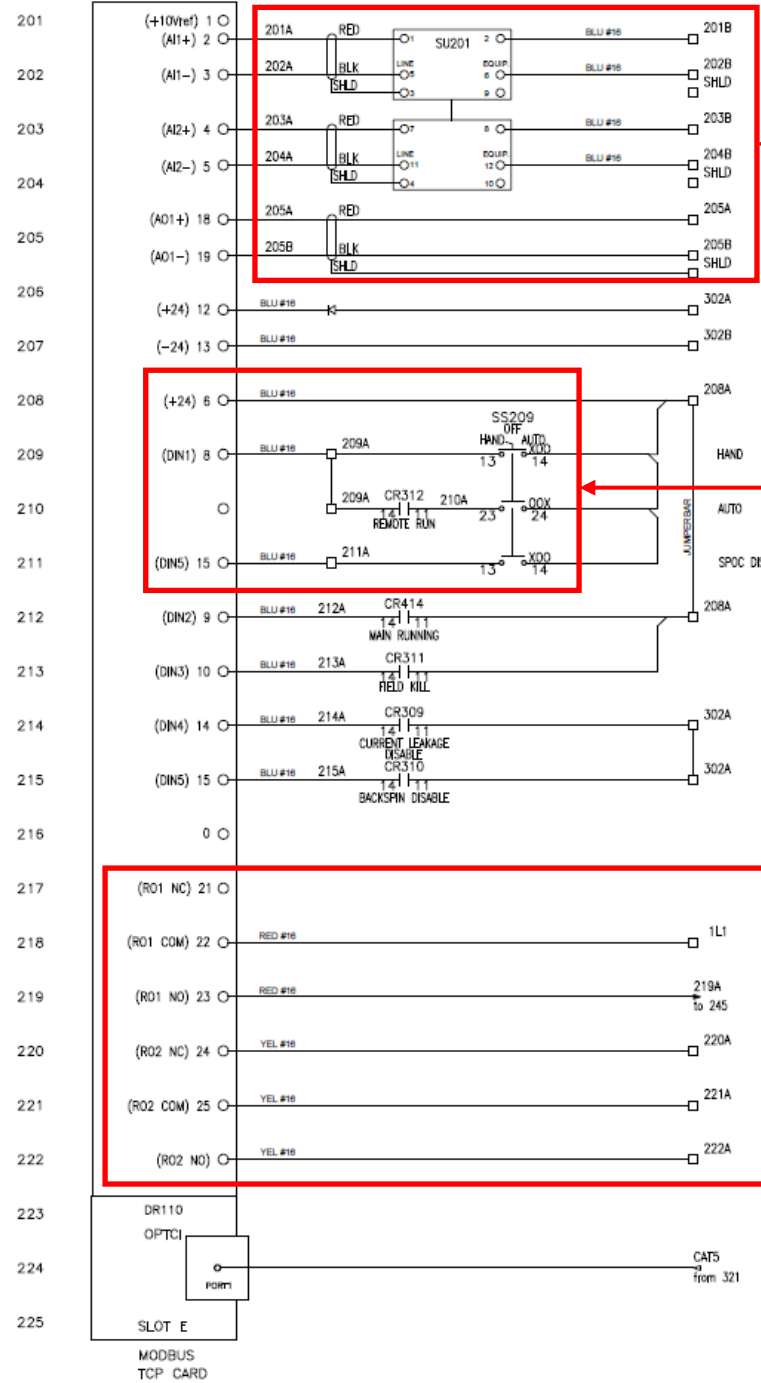


Drive Analog Inputs and Outputs

Hand/Off/Auto (HOA) Switch Wiring



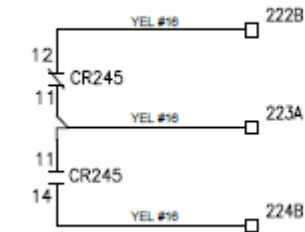
DR110



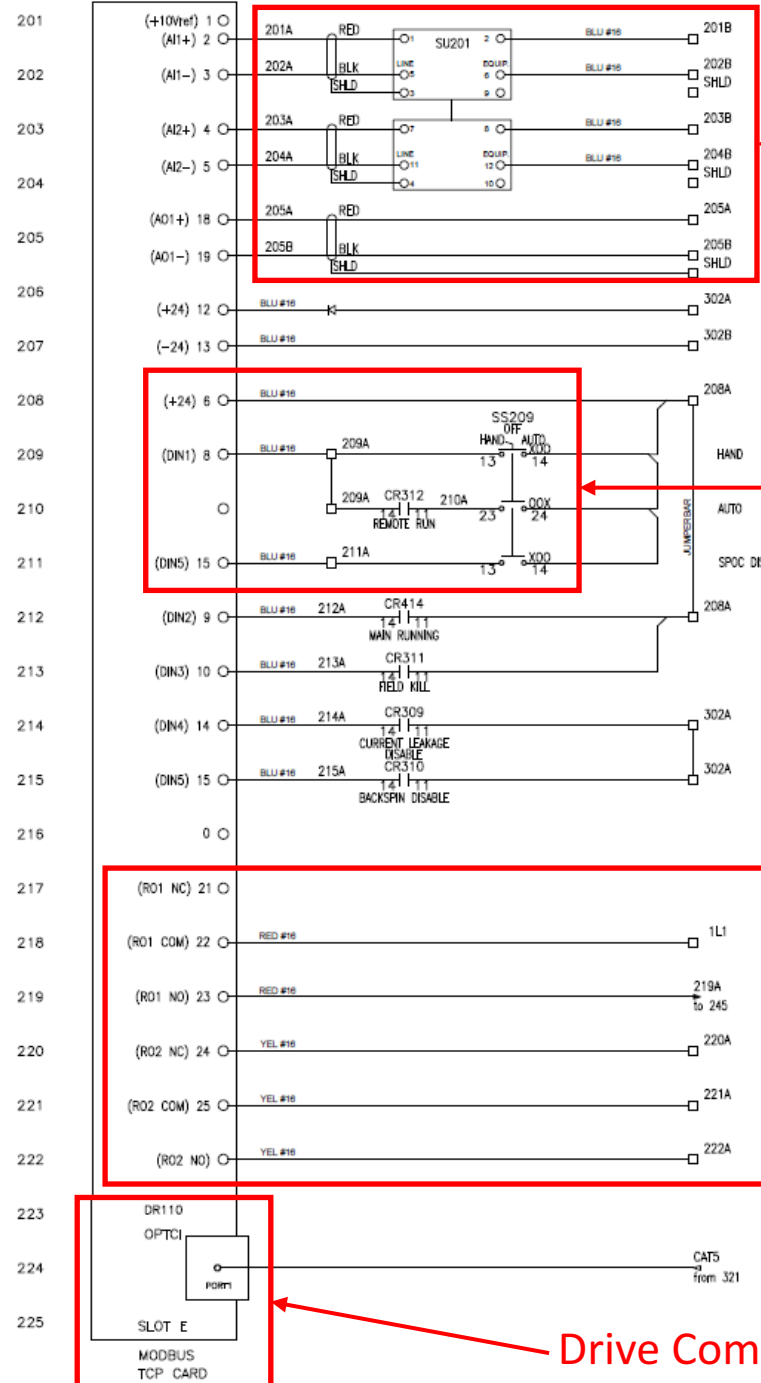
Drive Analog Input and Output Connections

Hand/Off/Auto Switch Wiring

Drive Relay Output Connections (Form C contacts)



DR110

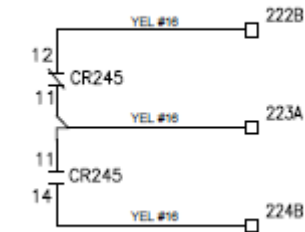


Drive Analog Input and Output Connections

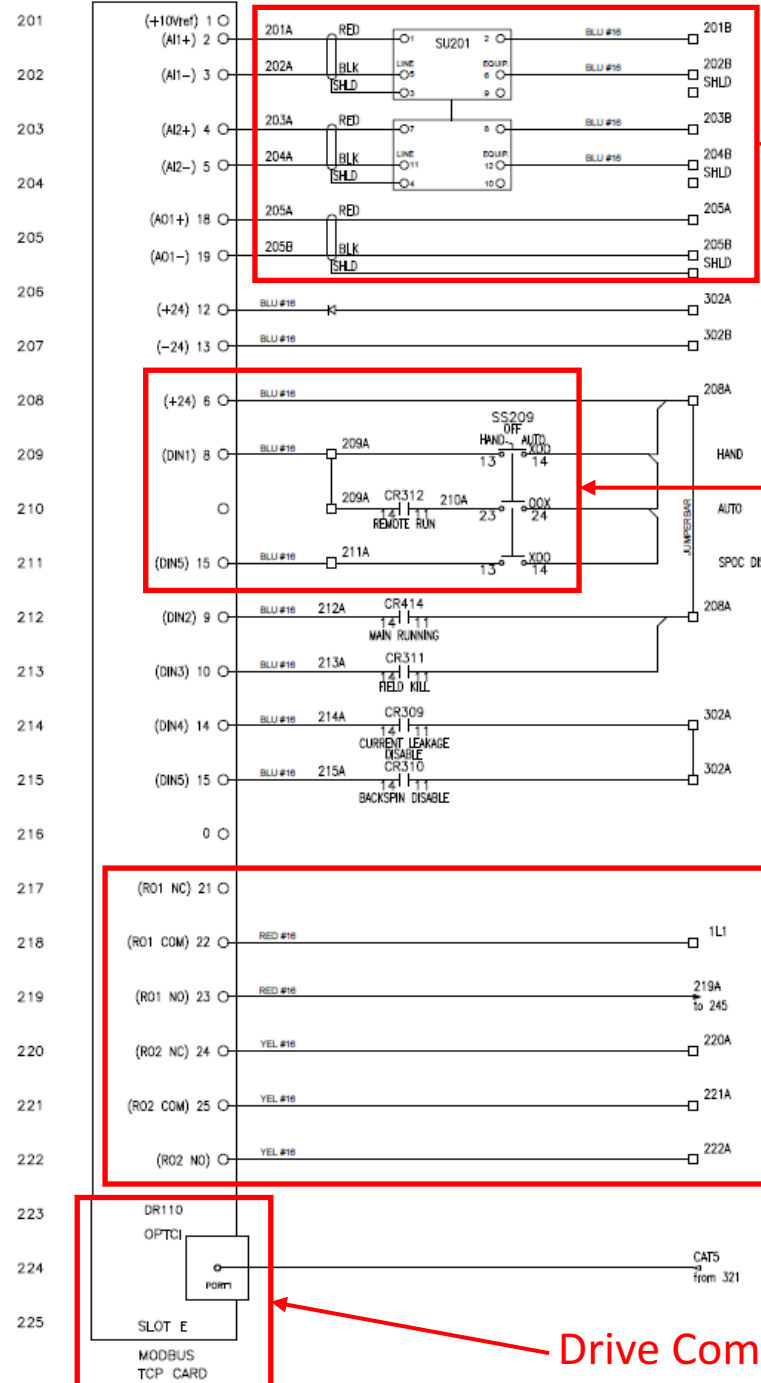
Hand/Off/Auto Switch Wiring

Drive Relay Output Connections (Form C contacts)

Drive Com Card



DR110



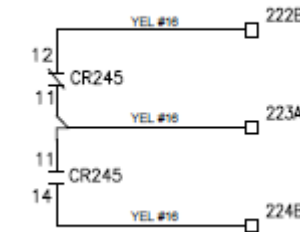
Drive Analog Input and Output Connections

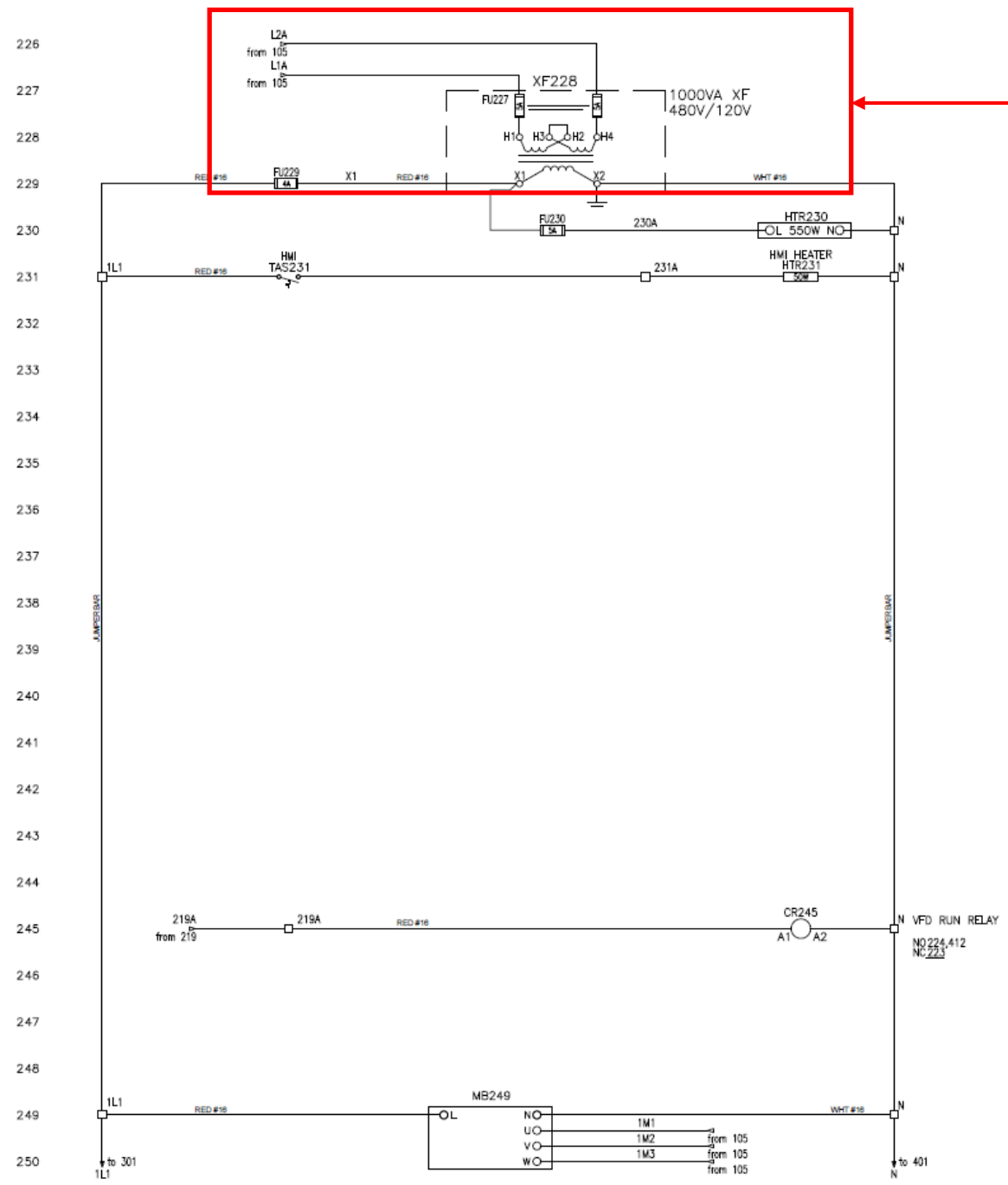
Hand/Off/Auto Switch Wiring

Drive Relay Output Connections (Form C contacts)

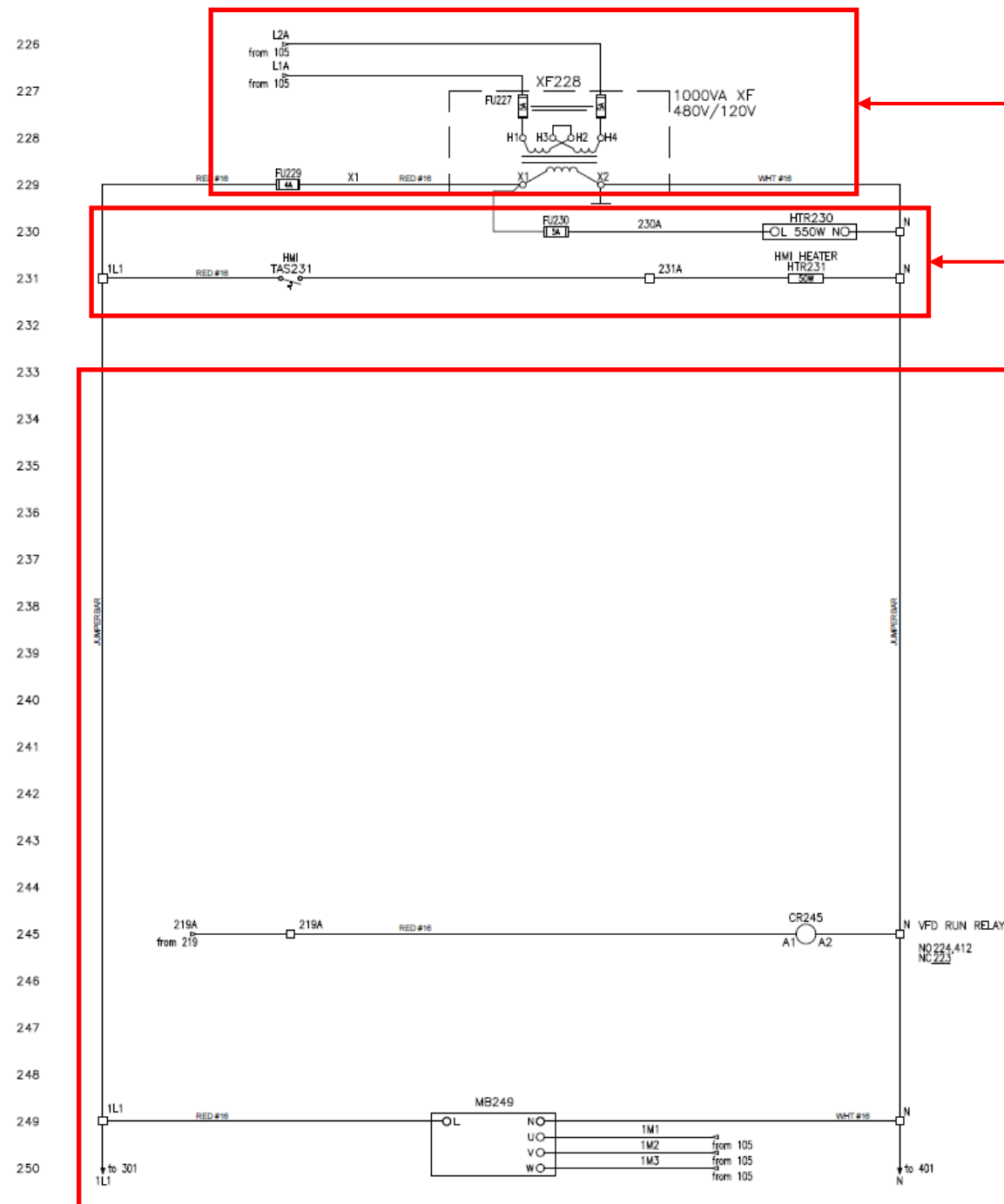
Additional Relay Outputs (Form C contacts)

Drive Com Card





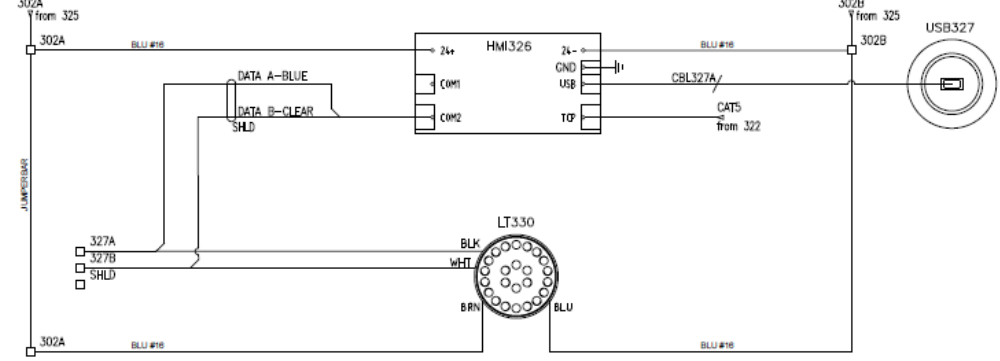
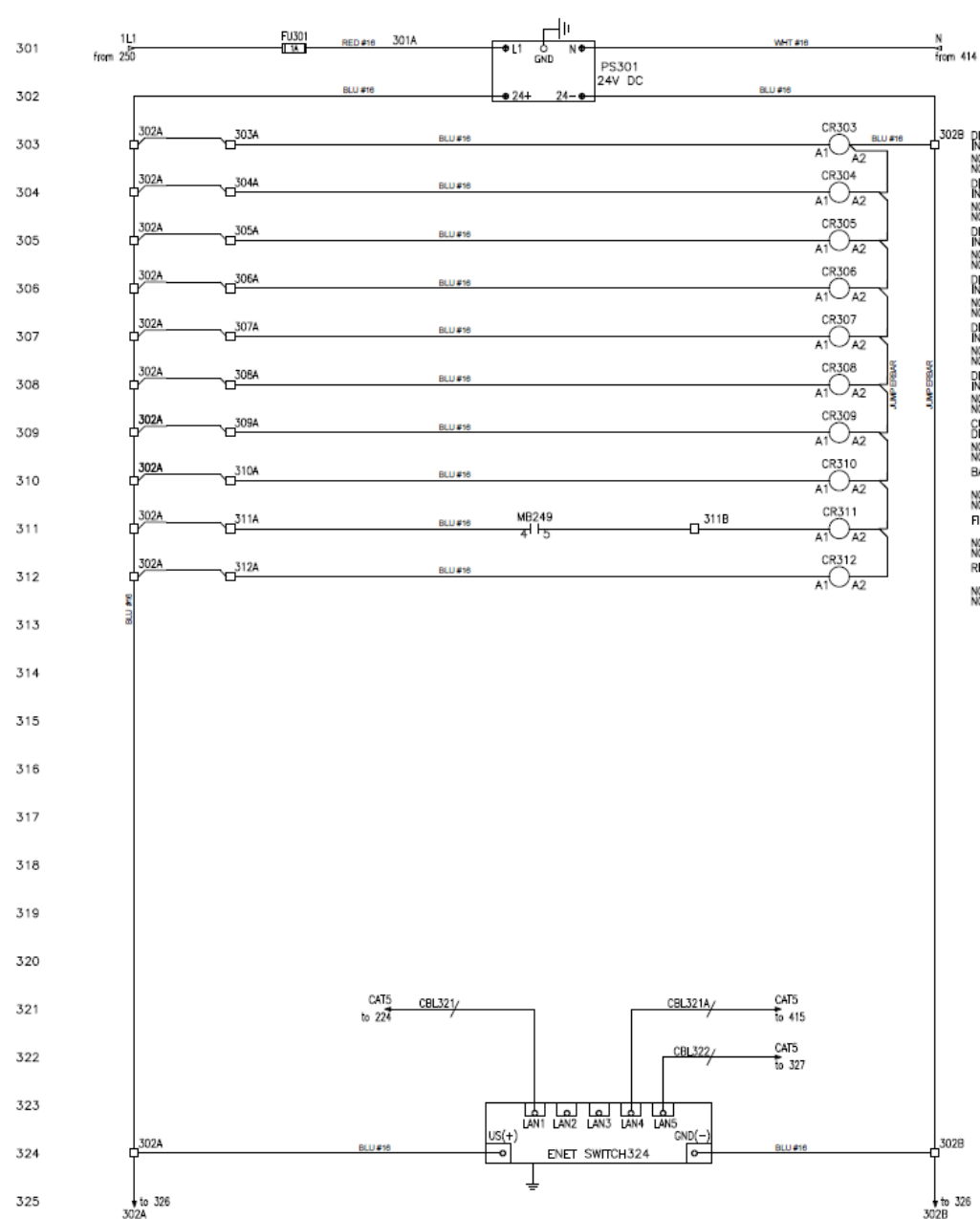
120VAC Transformer
and Fuse Sizes



120VAC Transformer
and Fuse Sizes

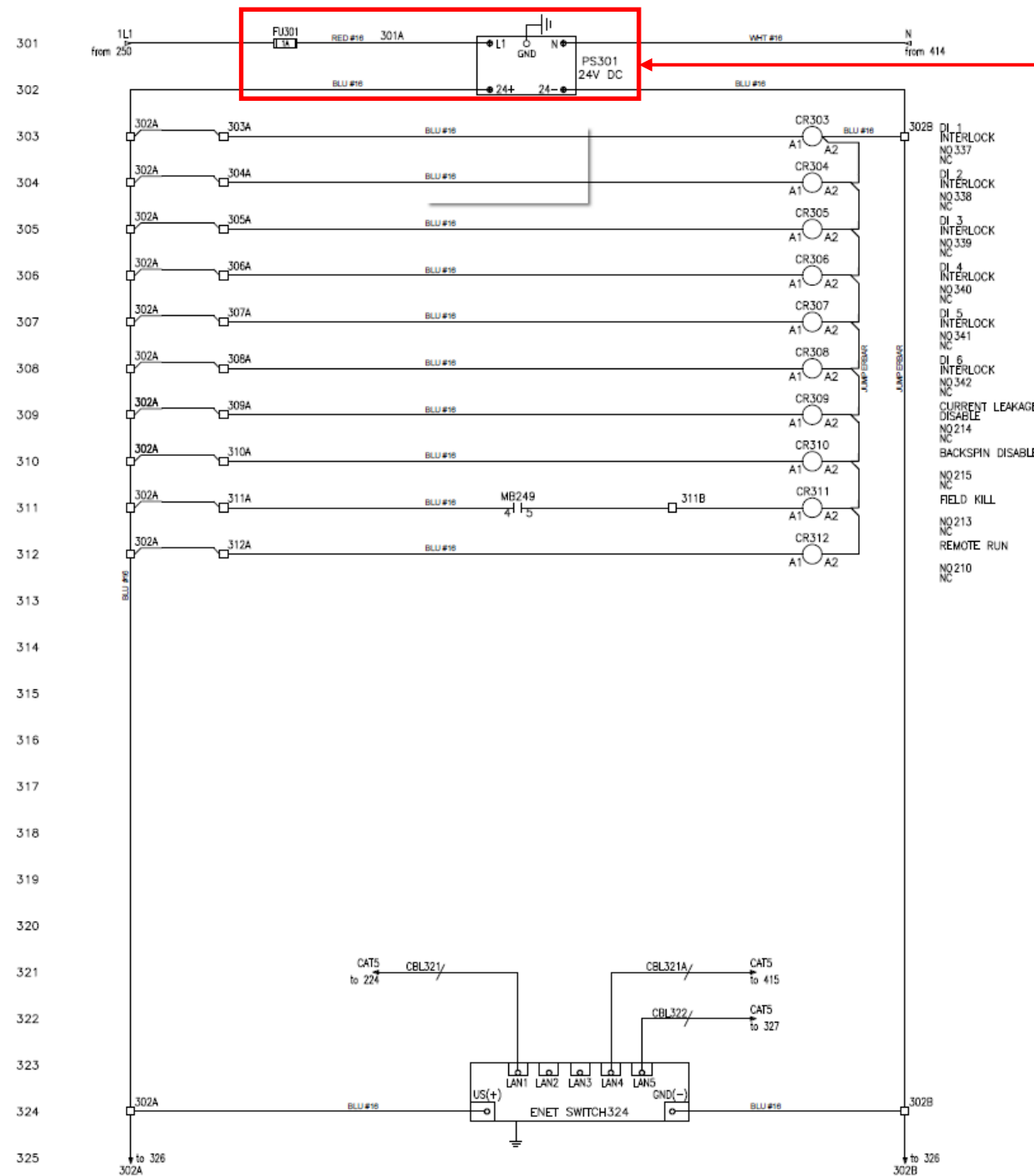
Heater Circuits

120VAC Controls

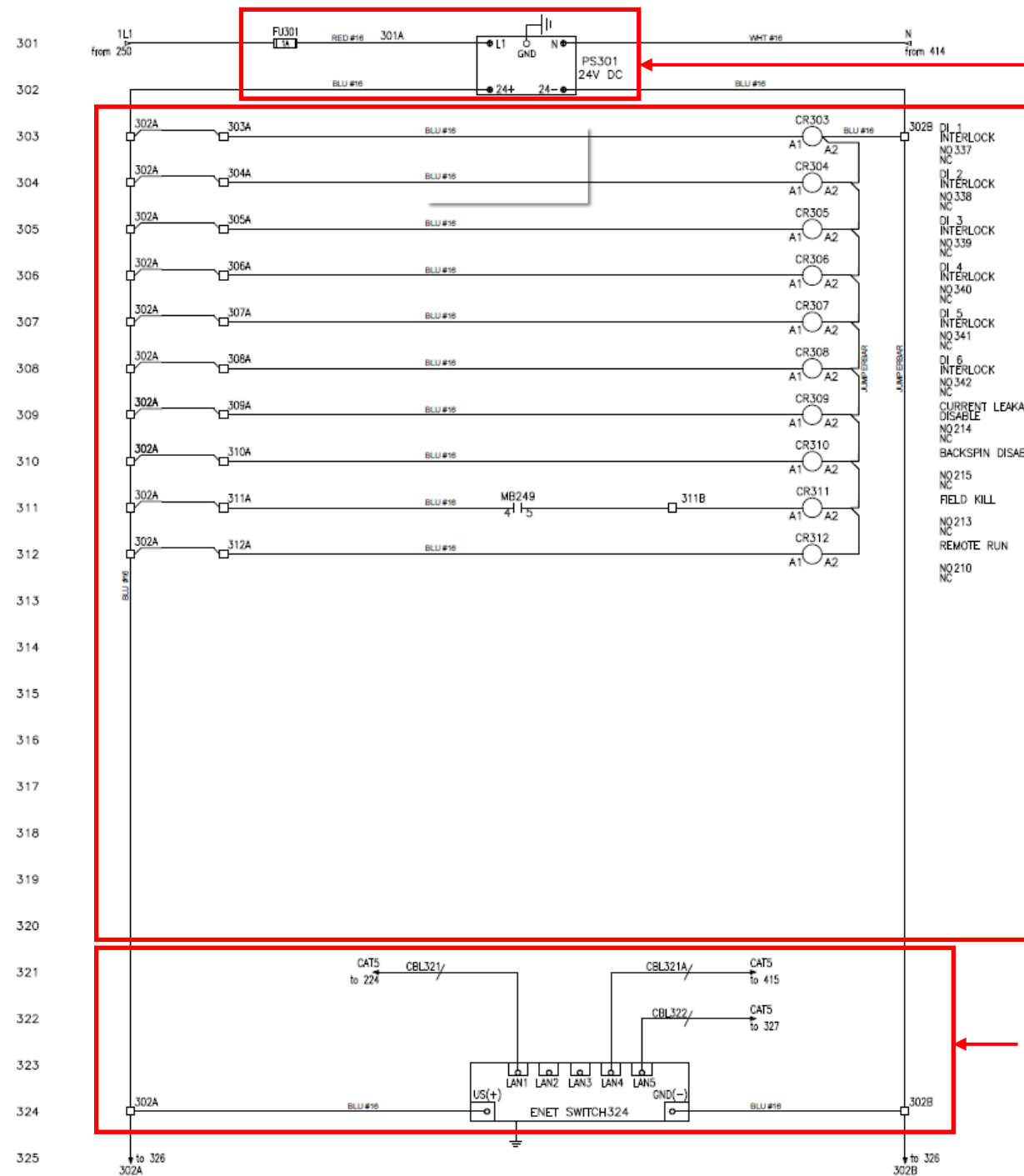


DR110 OPTB1 SLOT C

(+24) 10	336A	BLU #16	
(DIN1) 1	337A	CR303	DI 1 INTERLOCK
(DIN2) 2	338A	CR304	DI 2 INTERLOCK
(DIN3) 3	339A	CR305	DI 3 INTERLOCK
(DIN4) 5	340A	CR306	DI 4 INTERLOCK
(DIN5) 6	341A	CR307	DI 5 INTERLOCK
(DIN6) 7	342A	CR308	DI 6 INTERLOCK



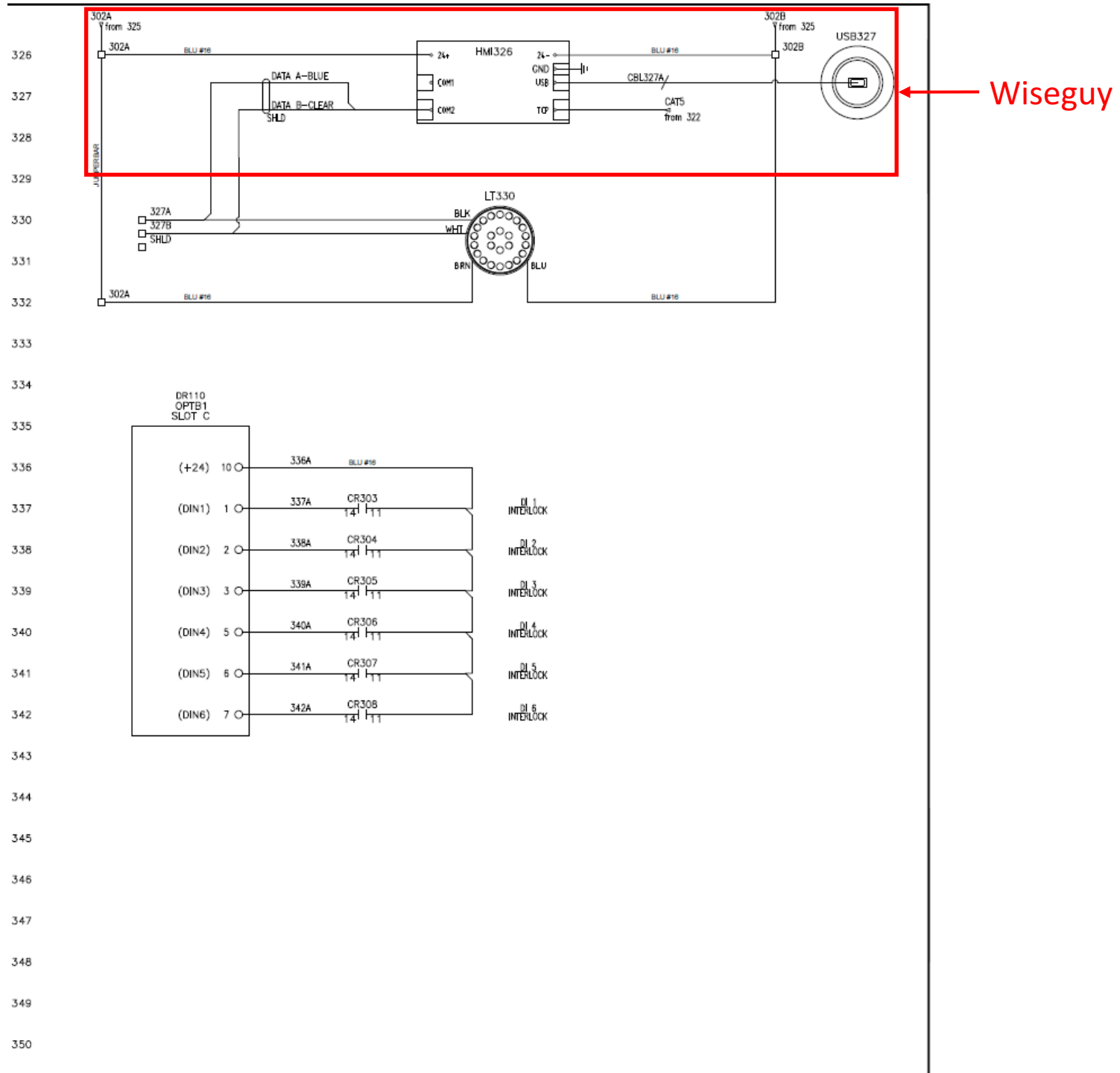
24VDC Power Supply
and Fuse

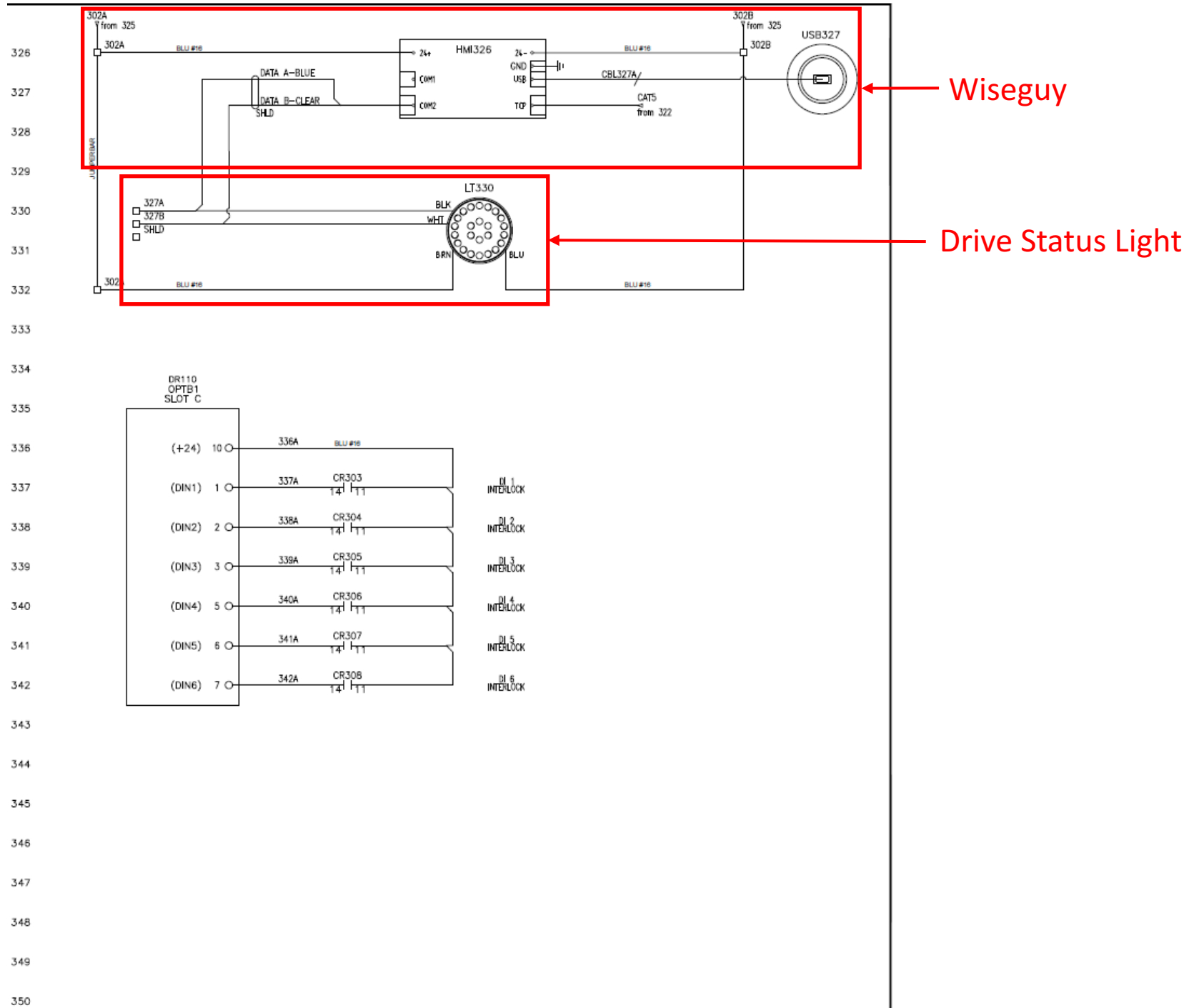


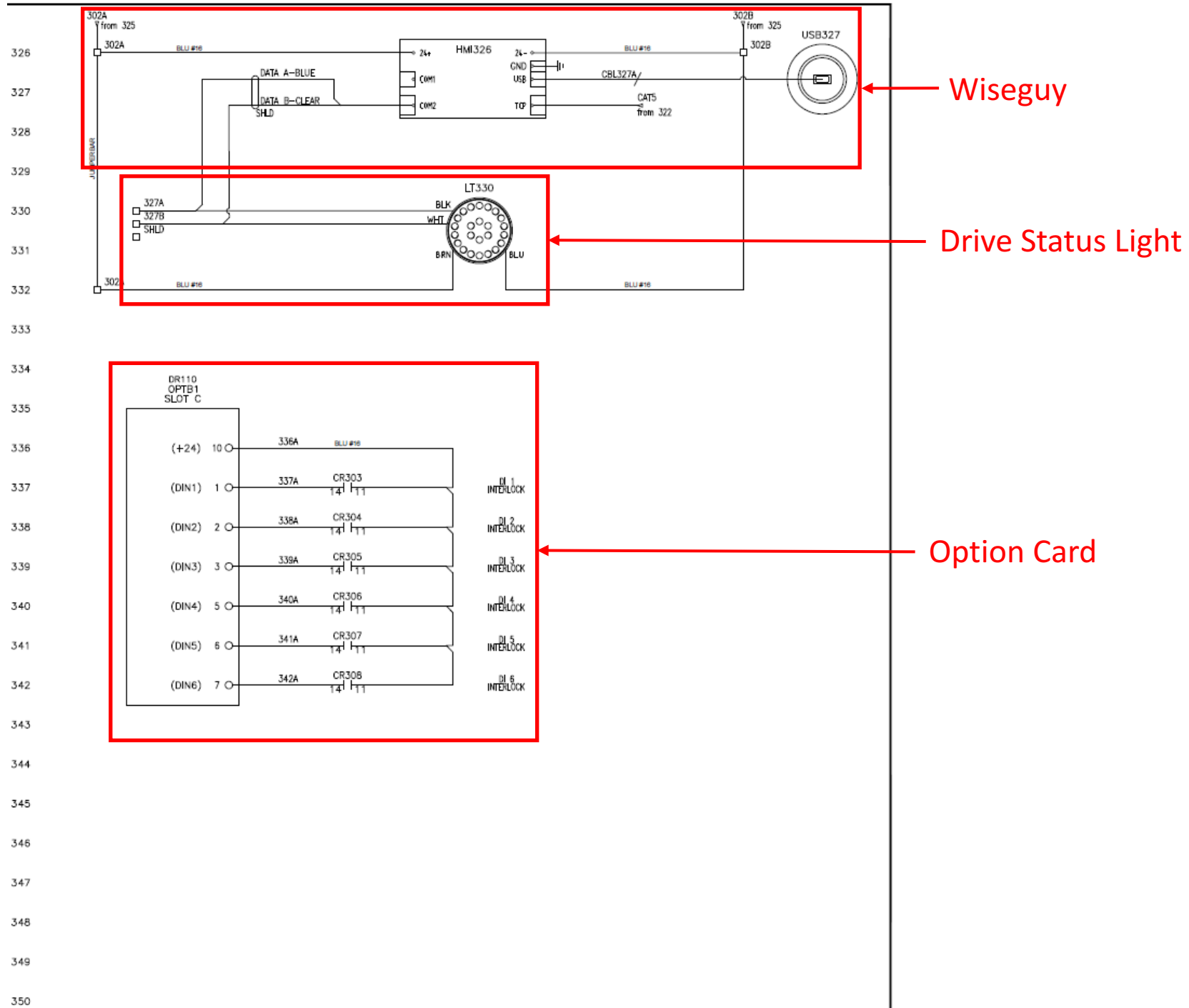
24VDC Power Supply and Fuse

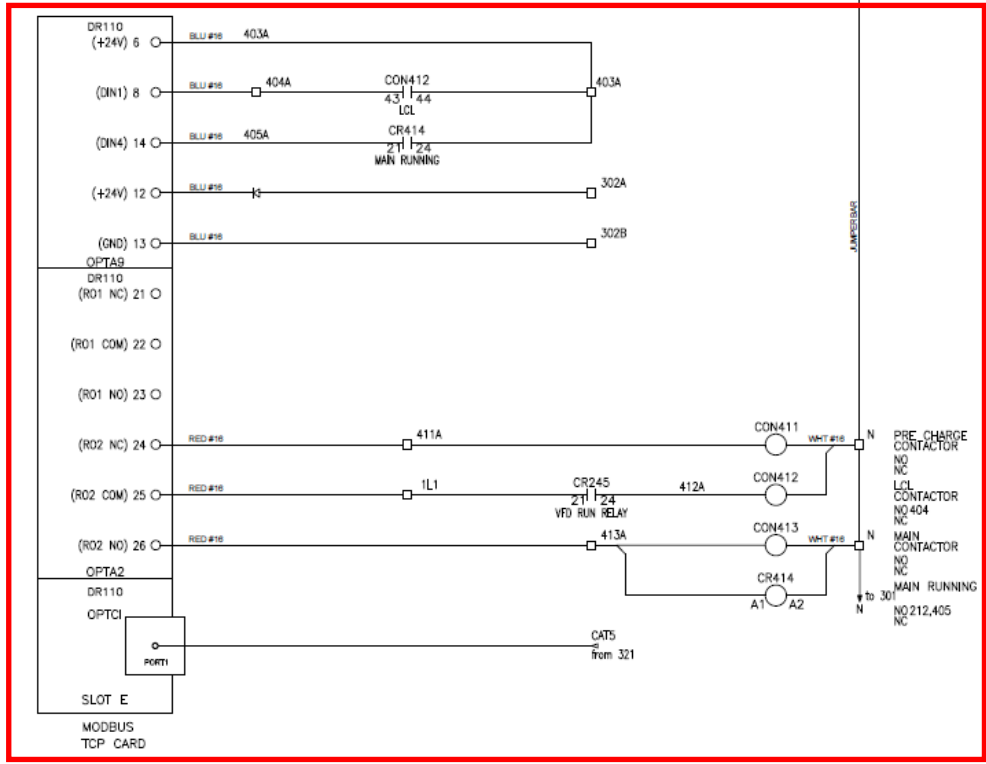
24VDC Controls

Ethernet Switch

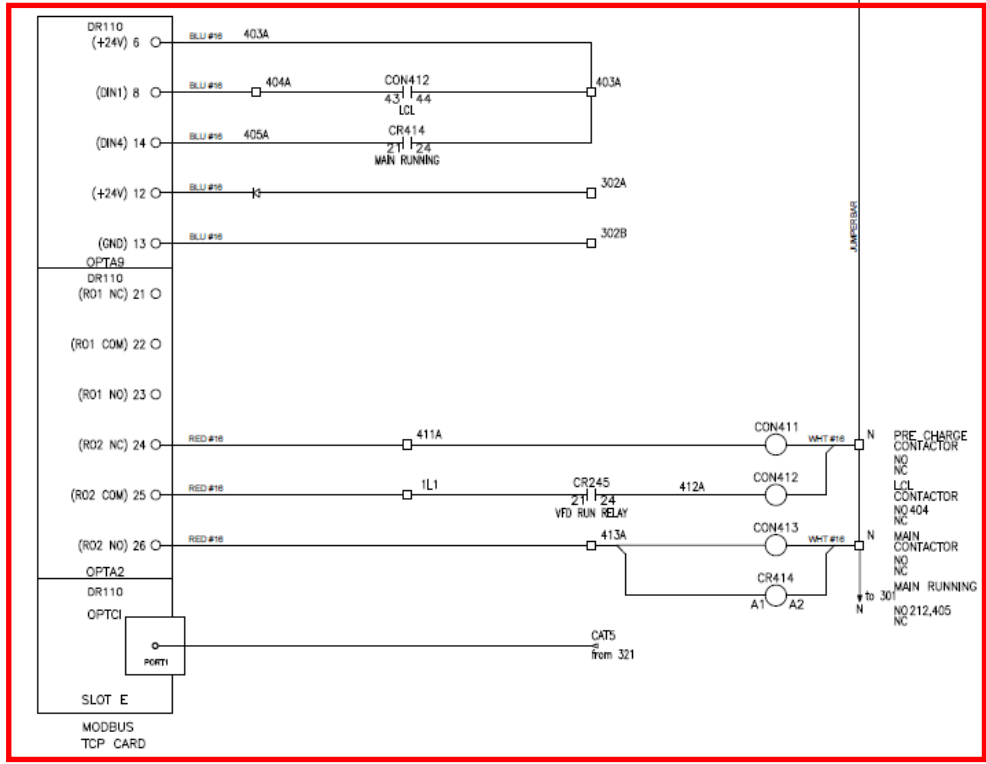








Additional Drive Option
Card and AFE Controls



Additional Drive Option
Card and AFE Controls

Additional Remote I/O



PRODUCE MORE. SPEND LESS.

