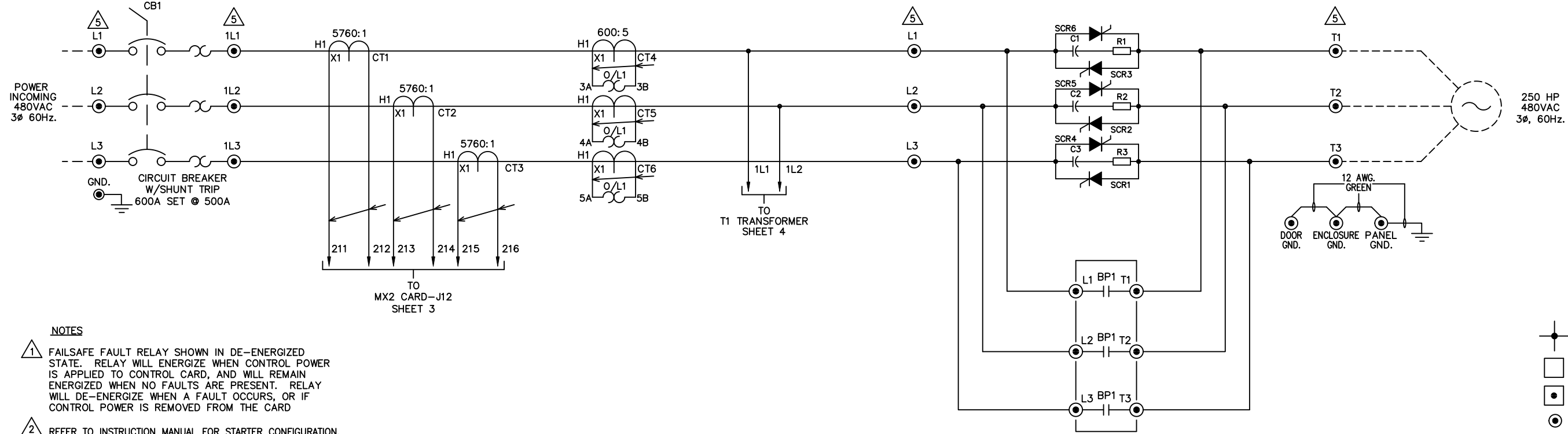


RX2E-250-480-3RKP ON DWG

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- NOTES**
1. FAILSAFE FAULT RELAY SHOWN IN DE-ENERGIZED STATE. RELAY WILL ENERGIZE WHEN CONTROL POWER IS APPLIED TO CONTROL CARD, AND WILL REMAIN ENERGIZED WHEN NO FAULTS ARE PRESENT. RELAY WILL DE-ENERGIZE WHEN A FAULT OCCURS, OR IF CONTROL POWER IS REMOVED FROM THE CARD
 2. REFER TO INSTRUCTION MANUAL FOR STARTER CONFIGURATION.
 3. CUSTOMER SHOULD MONITOR GENERAL FAULT CONTACTS OF RELAY (R3) FOR FAULT DETECTION, AND REMOVE 2 WIRE RUN COMMAND WHEN A FAULT IS DETECTED.
 4. TIGHTEN CARD WIRING CONNECTIONS TO 2.7-3.5 in. lbs. (0.3-0.4 N-m).
 5. TIGHTEN POWER LUG FIELD WIRING CONNECTIONS TO CHART 1. SPECIFICATIONS. IF BREAKER IS SUPPLIED ON LINE SIDE OF STACK USE TORQUE VALUES ON BREAKER.
 6. REMOVE JUMPER WHEN INTERLOCKS ARE INSTALLED.
 7. SELECT EITHER TWO OR THREE WIRE CONTROL.
 8. STARTER SHIPPED SETUP FOR CUSTOMER SUPPLIED REMOTE 2 WIRE CONTROL. IF NO CONTROL IS TO BE USED THEN JUMPERS SHOULD REMAIN AS SHOWN.
 9. IF CUSTOMER SUPPLIED REMOTE 3 WIRE CONTROL IS NEEDED MAKE CUSTOMER CONNECTIONS AS SHOWN.
 10. CHANGE P49 (DI2) TO "FR" (FAULT RESET)
 11. SW1-1: (ANALOG INPUT) UP = CURRENT, DOWN = VOLTAGE
SW1-2: (ANALOG OUTPUT) UP = VOLTAGE, DOWN = CURRENT
 12. PROGRAM (P78), FUN (03), CT RATIO = 5760:1

- STANDARD LEGEND**
- WIRE NODE SYMBOL MAY HAVE TERMINAL BLOCK
 - BENSCHAW SUPPLIED TERMINAL BLOCK
 - TERMINAL STRIP
 - POWER CONNECTION
 - PC BOARD TERMINALS
 - TWISTED PAIR
 - TWISTED SHIELDED PAIR
 - SHIELDED WIRE
 - FIELD WIRING

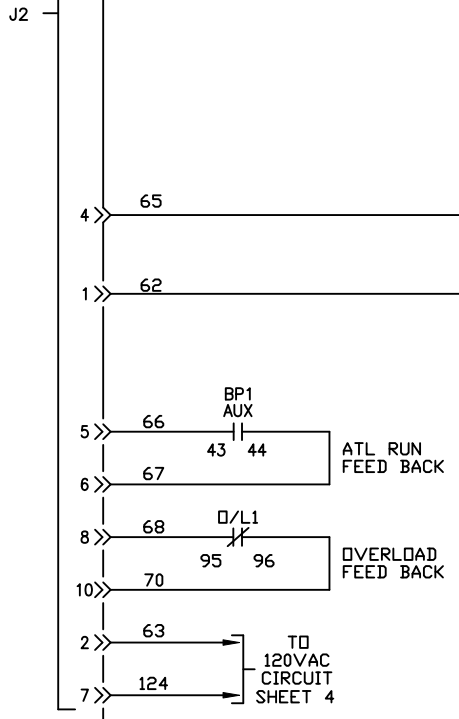
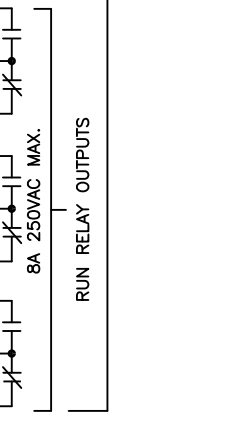
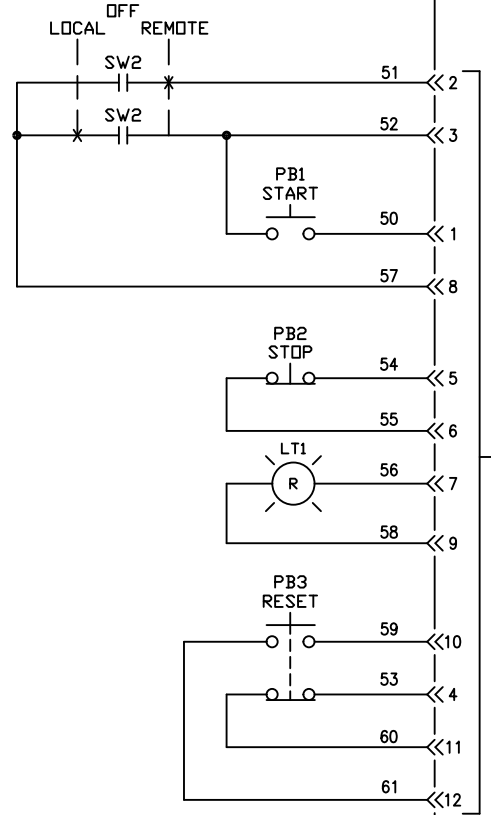
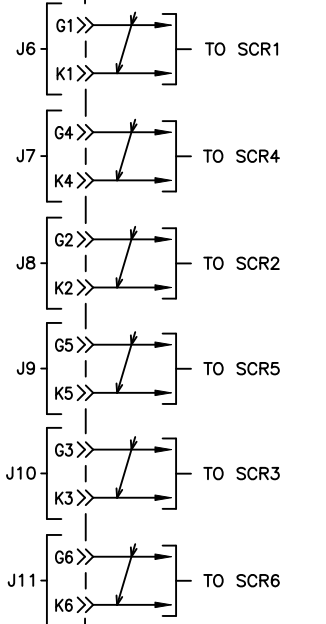
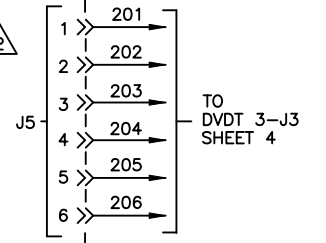
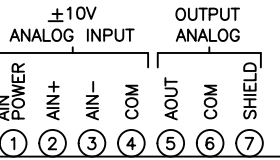
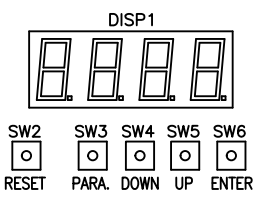
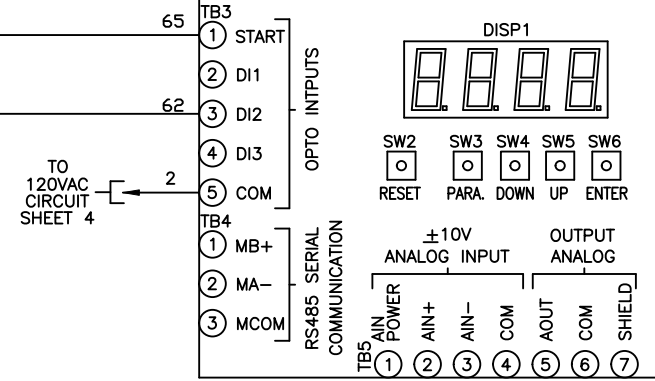
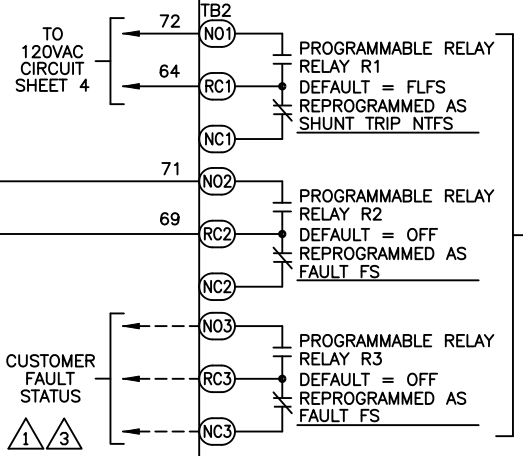
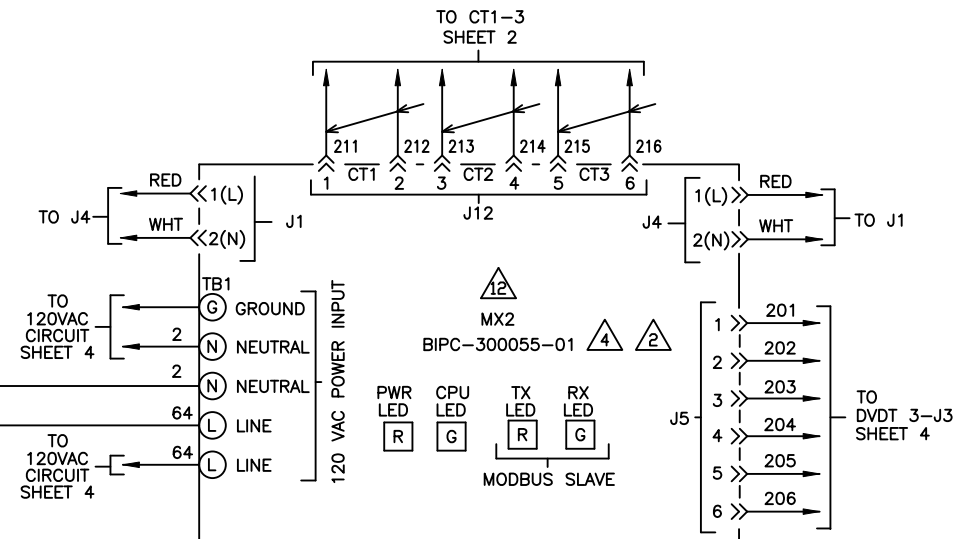
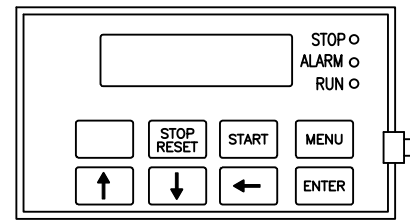
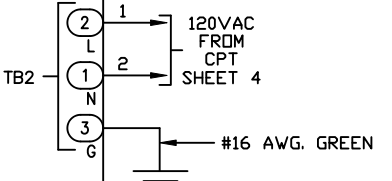
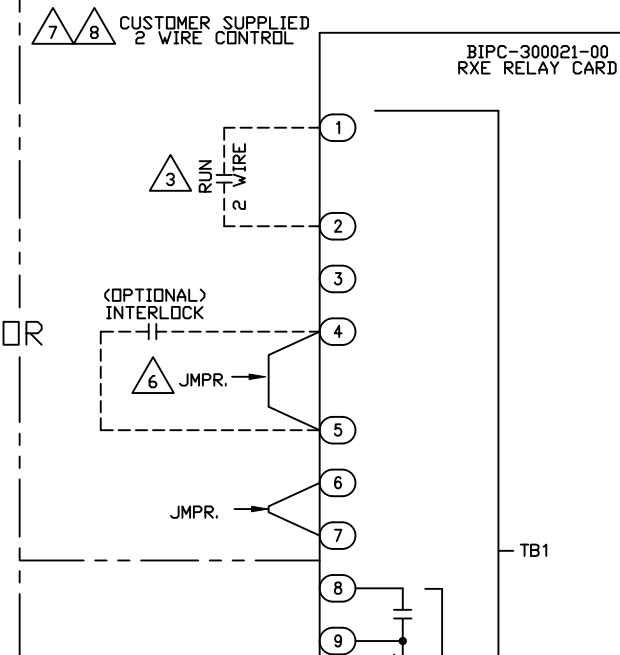
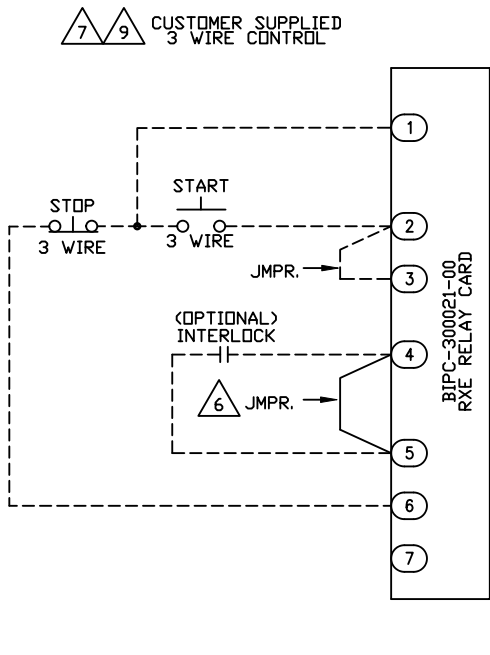
CHART 1
TIGHTENING TORQUE SPECIFICATIONS FOR HEX HEAD SCREWS

BOLT SIZE	BOLTS - GRADE 5	
SAE	(IN. LB)	(FT. LB)
1/4	96-120	8-10
5/16	180-228	15-19
3/8	300-396	25-33
7/16	480-648	40-54
1/2	720-936	60-78

REVISIONS DO NOT SCALE DWG	THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994	TITLE: POWER SCHEMATIC RX2E-250-480-3RKP 250HP (302 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	<table border="1"> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> <tr> <td>DRWN: BDA</td> <td>8/14/12</td> </tr> <tr> <td>CHKD:</td> <td></td> </tr> <tr> <td>ENG: JAF</td> <td>8/14/12</td> </tr> <tr> <td>MFG:</td> <td></td> </tr> </table>	SIGNATURES	DATE	DRWN: BDA	8/14/12	CHKD:		ENG: JAF	8/14/12	MFG:		 815 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LISTOWEL, ONTARIO N4W 3W3
	SIGNATURES	DATE													
	DRWN: BDA	8/14/12													
	CHKD:														
ENG: JAF	8/14/12														
MFG:															
THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN, IS THE PROPERTY OF BENSCHAW INC. AND MAY NOT BE REPRODUCED, OR DIVULGED TO UNAUTHORIZED PERSONS WITHOUT THE EXPRESS WRITTEN CONSENT OF BENSCHAW INC. IT IS PROVIDED SOLELY FOR THE CONVENIENCE OF THE USER AND SHALL BE RETURNED UPON REQUEST.	TOLERANCES: .XX ± .03 .XXX ± .015 ANGLES ± 1°	<table border="1"> <tr> <th>SIZE</th> <th>DWG NO.</th> <th>REV</th> </tr> <tr> <td>D</td> <td>RX2E-250-480-3RKP</td> <td>16</td> </tr> </table>	SIZE	DWG NO.	REV	D	RX2E-250-480-3RKP	16							
SIZE	DWG NO.	REV													
D	RX2E-250-480-3RKP	16													
MATERIAL:	FINISH:	SCALE: 1:1													
SHEET 2 OF 4															

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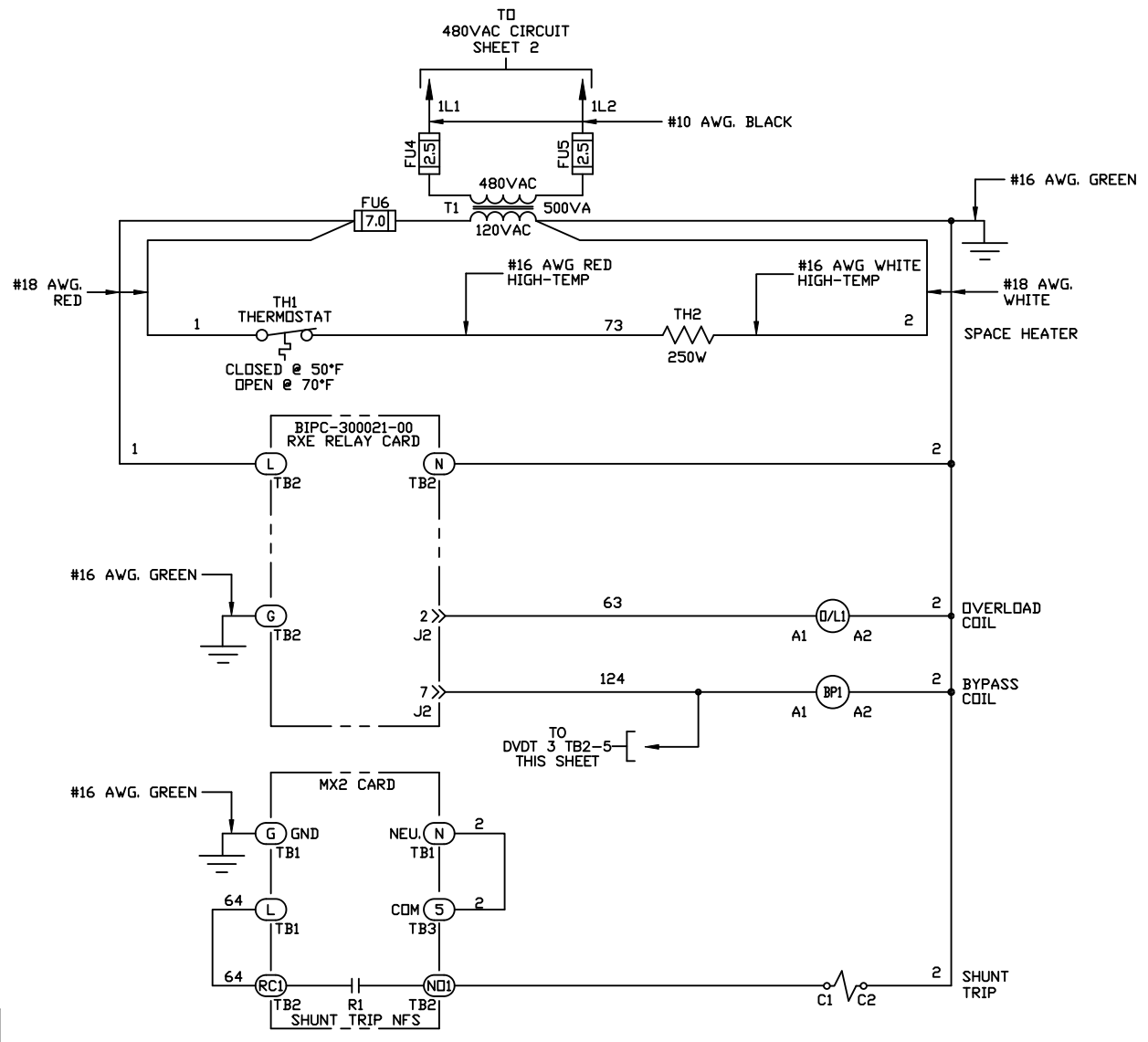
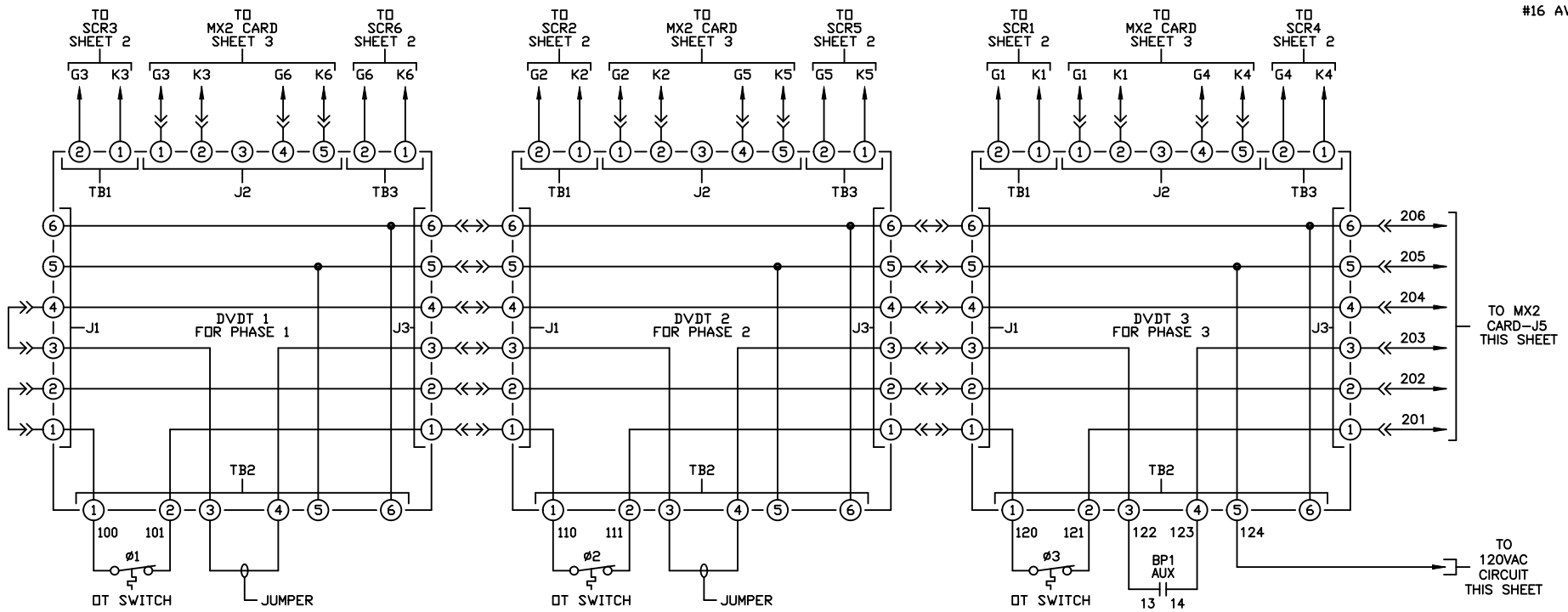
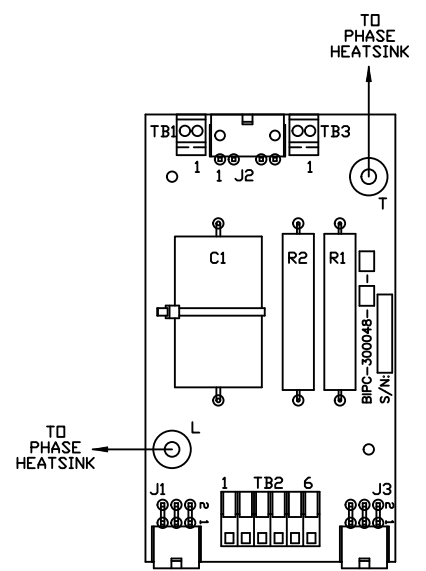
RX2E-250-480-3RKP
ON DWG



REVISIONS DO NOT SCALE DWG	THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994	TITLE: CONTROL SCHEMATIC RX2E-250-480-3RKP 250HP (302 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES DRWN: BDA 8/14/12 CHKD: JAF 8/14/12 ENGR: JAF 8/14/12 MFR: JAF 8/14/12	DATE 8/14/12	BENSRAW 815 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LUSTOWEL, ONTARIO M4W 3W3	REV 16
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	MATERIAL: FINISH:			ANALOG INPUT AIN+ 1 AIN- 2 COM 3	OUTPUT ANALOG AOUT 4 COM 5 SHIELD 6		
	TO 120VAC CIRCUIT SHEET 4			SHEET 3 OF 4			

RX2E-250-480-3RKP ON DWG

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REVISIONS DO NOT SCALE DWG	THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994	TITLE: CONTROL SCHEMATIC RX2E-250-480-3RKP 250HP (302 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES DRWN: BDA CHKD: ENG: JAF MFG: DATE: 8/14/12	BENSRAW 815 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LISTOWEL, ONTARIO M4W 3W3
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	TOLERANCES: .XX ± .03 .XXX ± .015 ANGLES ± 1°			SCALE: 1:1	
	MATERIAL: FINISH:			SHEET 4 OF 4	