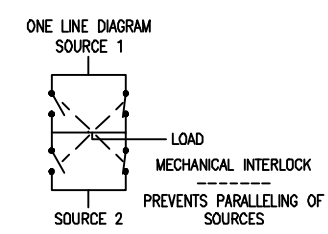


BIC8C3X31200XSU  
 BYPASS ISOLATION OPEN TRANSFER CONTACTOR SWITCH  
 ATC-800 CONTROL, 3 POSITION CONTACTOR  
 FIXED MOUNTED  
 3 POLE, 1200 AMPS  
 480/277V 60HZ, 3 PHASE, 4 WIRE  
 TYPE-1 ENCLOSURE, UL 1008 LISTED

- FEATURES INCLUDED:
- 1A TIME DELAY NORMAL TO EMERGENCY ADJ 0-1800 sec
  - 2A TIME DELAY ENGINE START ADJ 0-120 sec
  - 3A TIME DELAY EMERGENCY TO NORMAL ADJ 0-1800 sec
  - 4A TIME DELAY ENGINE COOL-OFF ADJ 0-1800 sec
  - 5H EMERGENCY (S2) SENSING PHASE REVERSAL
  - 5J EMERGENCY (S2) SENSING ALL PHASE UNDERVOLTAGE/UNDER FREQ
  - 5K EMERGENCY (S2) SENSING ALL PHASE OVERVOLTAGE/OVER FREQ
  - 5L EMERGENCY (S2) SENSING ALL PHASE VOLTAGE UNBALANCE & PHASE LOSS
  - 6B ENGINE TEST PUSHBUTTON
  - 6H MAINTAINED 4 POSITION TEST SWITCH
  - 7A TIME DELAY ENGINE FAIL ADJ 0-6 sec
  - 8C TIME DELAY BYPASS EMERGENCY TO NORMAL
  - 8D TIME DELAY BYPASS NORMAL TO EMERGENCY
  - 9B MAINTENANCE SELECTOR SWITCH ISOLATES ELEC. OP.
  - 10B SOURCE SELECTOR-UTILITY TO UTILITY OR UTILITY TO GENERATOR
  - 10D SOURCE SELECTOR-GENERATOR TO GENERATOR
  - 12C LED INDICATION NORMAL (S1) CONNECTED
  - 12D LED INDICATION EMERGENCY (S2) CONNECTED
  - 12G LED INDICATION NORMAL (S1) AVAILABLE
  - 12H LED INDICATION EMERGENCY (S2) AVAILABLE
  - 14E AUX RELAY CONTACTS NORMAL (S1) AVAILABLE 1 FORM C
  - 14F AUX RELAY CONTACTS EMERGENCY (S2) AVAILABLE 1 FORM C
  - 15E POSITION INDICATION CONTACT NORMAL (S1) AVAILABLE 1 FORM C
  - 15F POSITION INDICATION CONTACT EMERGENCY (S2) AVAILABLE 1 FORM C
  - 23J PLANT EXERCISER 7 DAY LOAD/NO LOAD 0-600 min
  - 26D GO TO EMERGENCY (S2) INPUT
  - 26H NORMAL (S1) SENSING PHASE REVERSAL
  - 26J NORMAL (S1) SENSING ALL PHASE UNDERVOLTAGE/UNDER FREQ
  - 26K NORMAL (S1) SENSING ALL PHASE OVERVOLTAGE/OVER FREQ
  - 26L NORMAL (S1) SENSING ALL PHASE VOLTAGE UNBALANCE & PHASE LOSS
  - 29D DUAL ATS
  - 29J SELECTABLE AUTOMATIC OR NON-AUTOMATIC RETRANSFER w/FAILSAFE
  - 32A TIME DELAY NEUTRAL ADJUSTABLE 0 - 120 sec
  - 35A PRETRANSFER SIGNAL CONTACTS 1 FORM C
  - 36 LOAD SHED FROM EMERGENCY (S2) INHIBIT
  - 41A 100 WATT SPACE HEATER WITH THERMOSTAT
  - 42 IBC/CBC SEISMIC QUALIFIED
  - 45A LOAD SEQUENCING CONTACTS (1)
  - 48F COMMUNICATIONS MODBUS
  - 48R REMOTE ANNUNCIATOR
  - 49C MULTI-TAP VOLTAGE TRANSFORMER
  - 59A SILVER PLATED BUS
  - 80A EMERGENCY (S2) INHIBIT CONTACT
  - 81A GENERAL ALARM INDICATION CONTACT

REQUIRED FOR SEISMIC, RECOMMENDED FOR ALL APPLICATIONS:  
 USE 8, 1/2-13 UNC GRADE 5 OR BETTER HEX HEAD BOLTS AND WASHERS.  
 THESE BOLTS ARE TO BE TORQUED TO 50 FT. LBS. (68 NM).

- NOTES:
- 1 APPROXIMATE SHIPPING WEIGHT = 1750 LBS [794 KG]
  - 2 DIMENSIONS SHOWN IN INCHES [MILLIMETERS] SCALE: 1 = 1.4

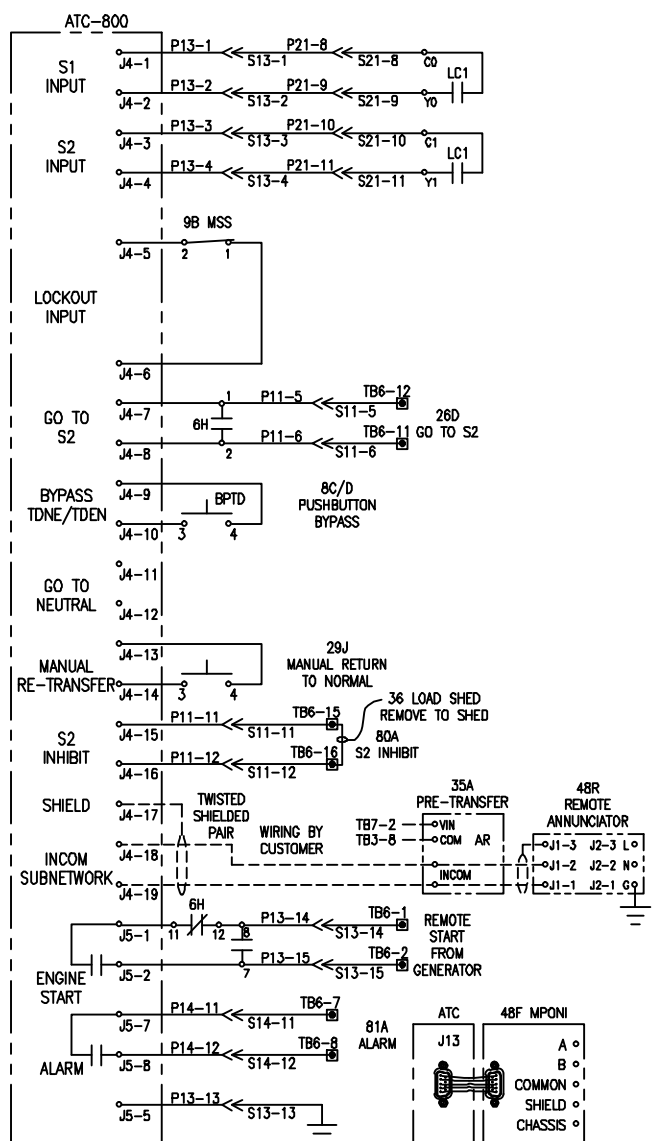
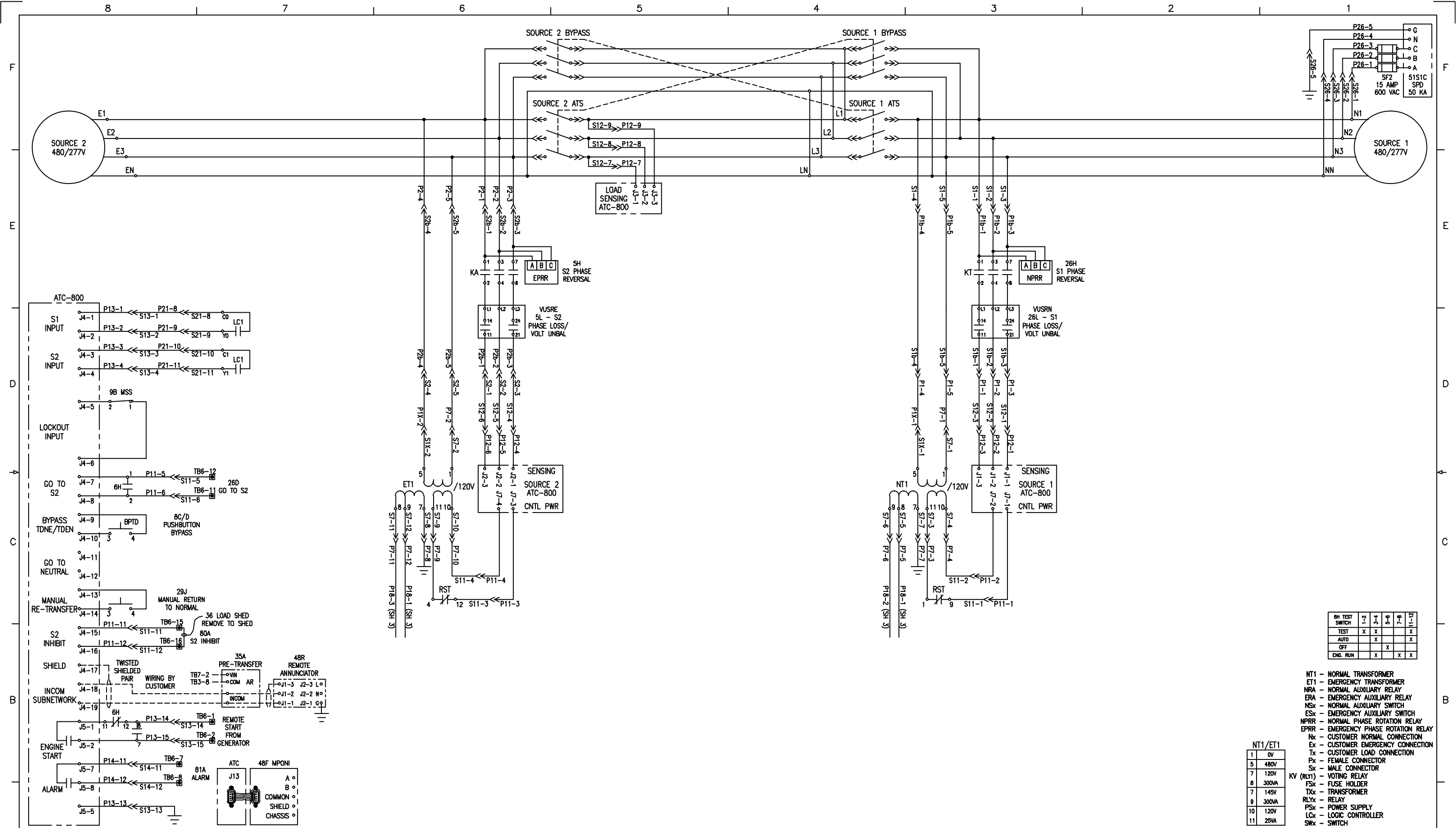


01	REVISION
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DFTR JODY GRABOWSKI	DATE 9/16/2010
APPD	DATE

FEDERAL ID NO. 88725	S.O. T5730915G001
PRODUCT CODE AT	REVISION 01

THE INFORMATION ON THIS DOCUMENT WAS CREATED BY EATON CORPORATION. IT WAS DISCLOSED IN CONFIDENCE AND IS ONLY TO BE USED FOR THE PURPOSE IN WHICH IT WAS SUPPLIED.			
TITLE BYPASS ISOLATION OPEN TRANSFER   CONTACTOR SWITCH 480V 3 POSITION   100-1200 AMP   ATC-800 CONTROLLER			
TYPE BIC8C3X31200XSU	FIXED MOUNT	OUTLINE	
G.O. -	DWG ATC800 BYPASS 01	SHEET 1 OF 6	

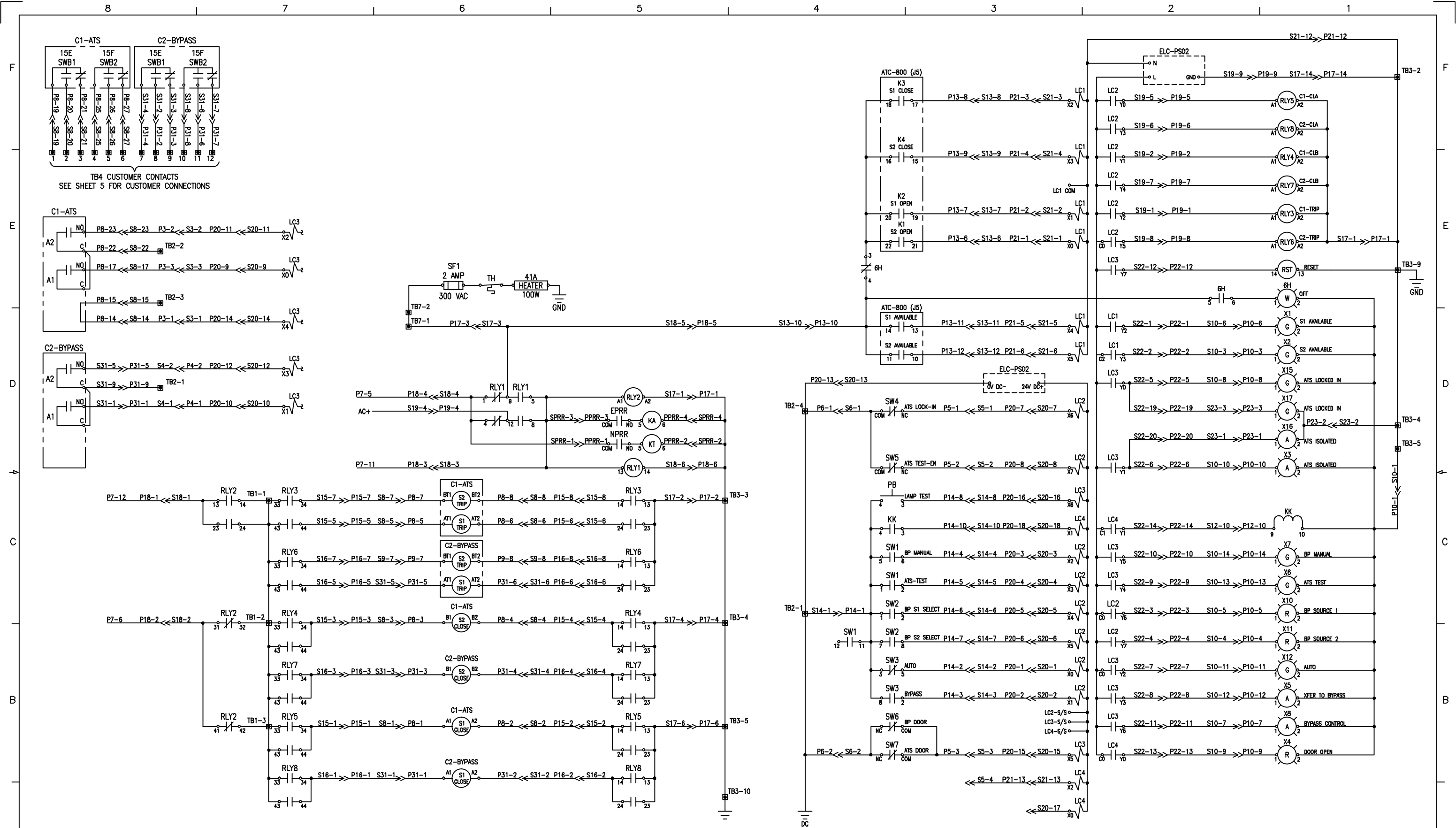


6H TEST SWITCH	1	2	3	4	5	6	7	8	9	10	11	12
TEST	X	X	X	X	X	X	X	X	X	X	X	X
AUTO	X	X	X	X	X	X	X	X	X	X	X	X
OFF												
END. RUN	X	X	X	X	X	X	X	X	X	X	X	X

- NT1 - NORMAL TRANSFORMER
- ET1 - EMERGENCY TRANSFORMER
- NRA - NORMAL AUXILIARY RELAY
- ERA - EMERGENCY AUXILIARY RELAY
- NSx - NORMAL AUXILIARY SWITCH
- ESx - EMERGENCY AUXILIARY SWITCH
- NPRR - NORMAL PHASE ROTATION RELAY
- EPRR - EMERGENCY PHASE ROTATION RELAY
- Nx - CUSTOMER NORMAL CONNECTION
- Ex - CUSTOMER EMERGENCY CONNECTION
- Tx - CUSTOMER LOAD CONNECTION
- Px - FEMALE CONNECTOR
- Sx - MALE CONNECTOR
- KV (RLY1) - VOTING RELAY
- FSx - FUSE HOLDER
- TXx - TRANSFORMER
- RLYx - RELAY
- PSx - POWER SUPPLY
- LCx - LOGIC CONTROLLER
- SWx - SWITCH

NT1/ET1	
1	0V
5	480V
7	120V
8	300VA
7	145V
9	300VA
10	120V
11	25VA

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		APPD	DATE	<b>EATON</b>		
	FEDERAL ID NO. 88725	S.O.	T5730915G001	TITLE BYPASS ISOLATION OPEN TRANSFER   CONTACTOR SWITCH 480V 3 POSITION   100-1200 AMP   ATC-800 CONTROLLER		
	PRODUCT CODE AT	REVISION 01		TYPE BIC8C3X31200XSU	FIXED MOUNT	SCHEMATIC
			G.O.	DWG ATC800 BYPASS S1	SHEET 2 OF 6	

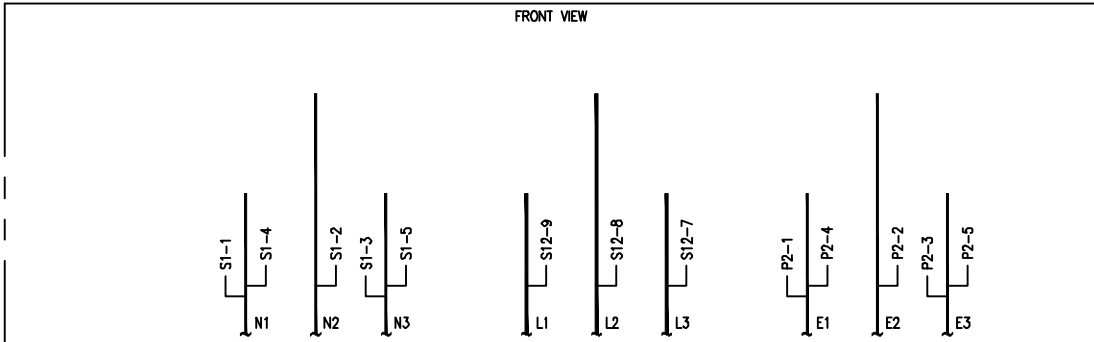


01  
REVISION

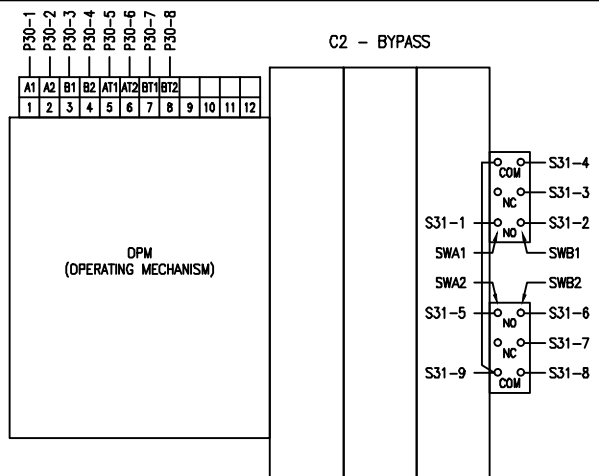
DFTR JODY GRABOWSKI	DATE 9/16/2010	THE INFORMATION ON THIS DOCUMENT WAS CREATED BY EATON CORPORATION. IT WAS DISCLOSED IN CONFIDENCE AND IS ONLY TO BE USED FOR THE PURPOSE IN WHICH IT WAS SUPPLIED.	
APPD	DATE	TITLE BYPASS ISOLATION OPEN TRANSFER   CONTACTOR SWITCH 480V 3 POSITION   100-1200 AMP   ATC-800 CONTROLLER	
FEDERAL ID NO. BB725	S.O. T5730915G001	TYPE BIC8C3X31200XSU	FIXED MOUNT
PRODUCT CODE AT	REVISION 01	G.O. -	DWG ATC800 BYPASS S2
			SHEET 3 OF 6

\*\* CUSTOMER CONNECTIONS CAN BE TOP OR BOTTOM ENTRY \*\* NEUTRAL BUS AT TOP OR BOTTOM (NOT SHOWN)

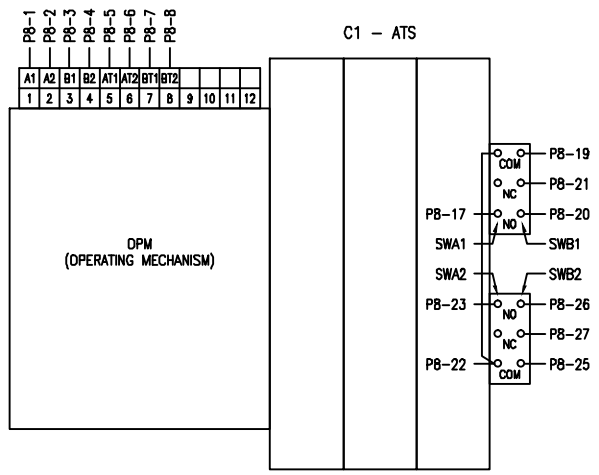
FRONT VIEW



C2 - BYPASS

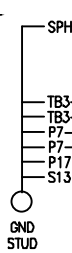
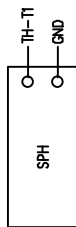
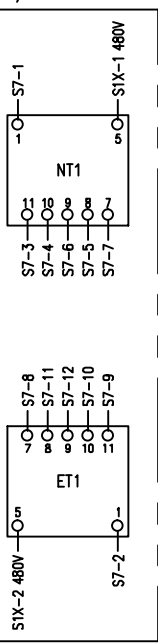


C1 - ATS

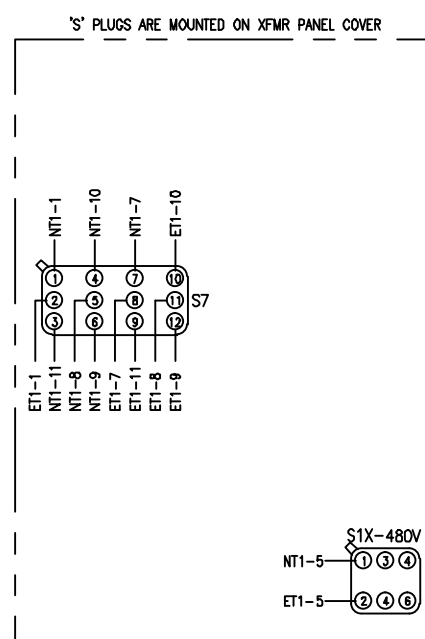
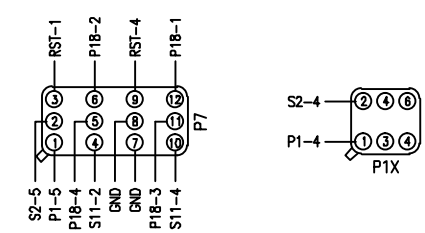
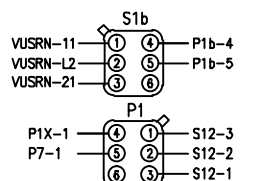
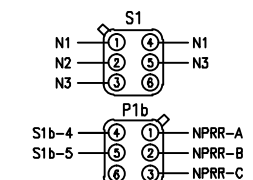
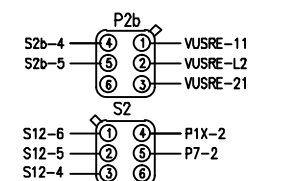
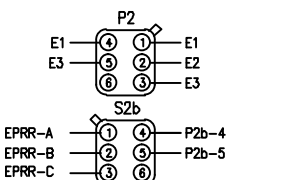
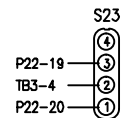
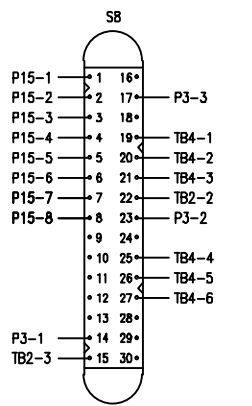
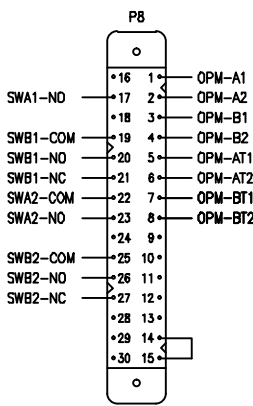
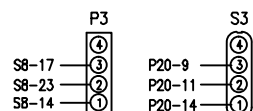
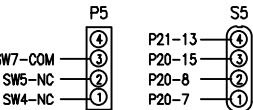
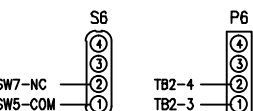
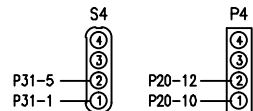
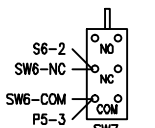
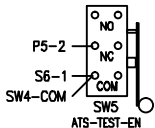
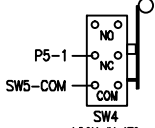
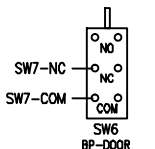
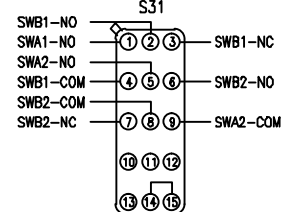
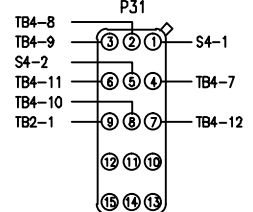
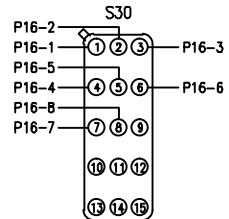
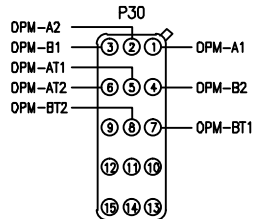


HINGE SIDE

XFMR PANEL  
W/COVER REMOVED



FRONT VIEW



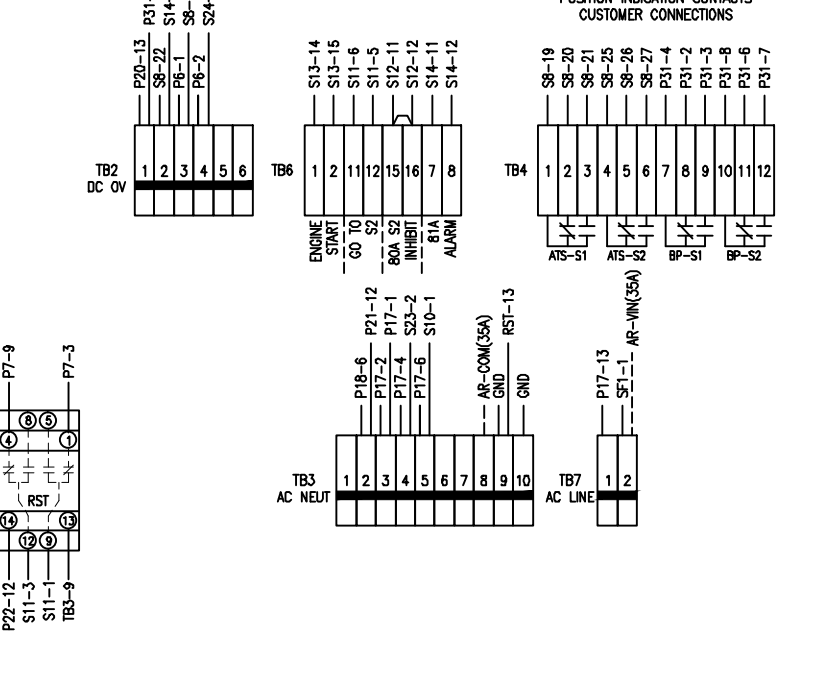
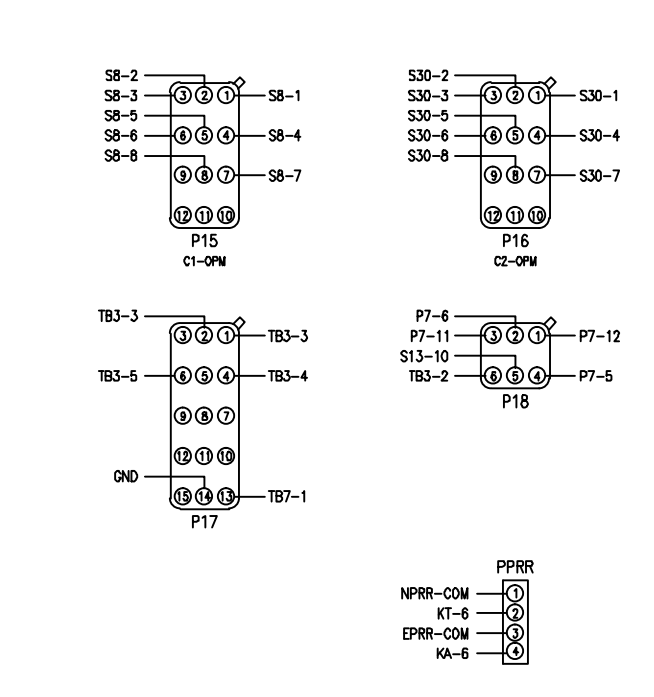
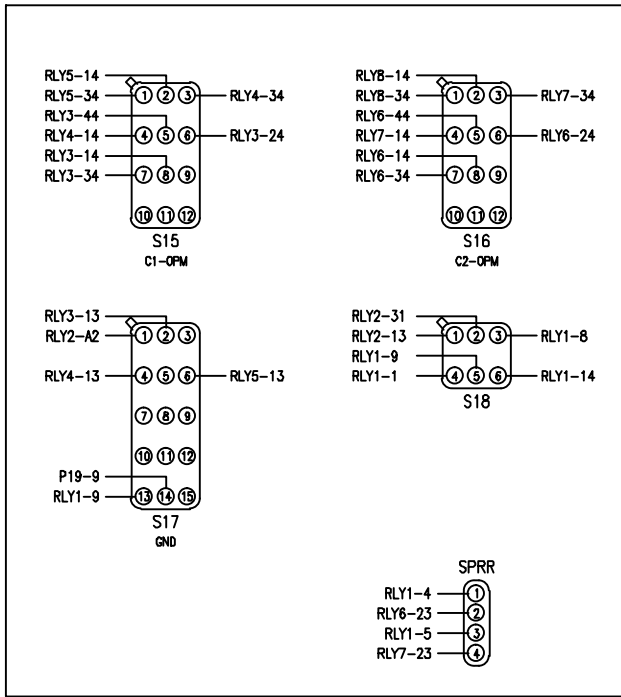
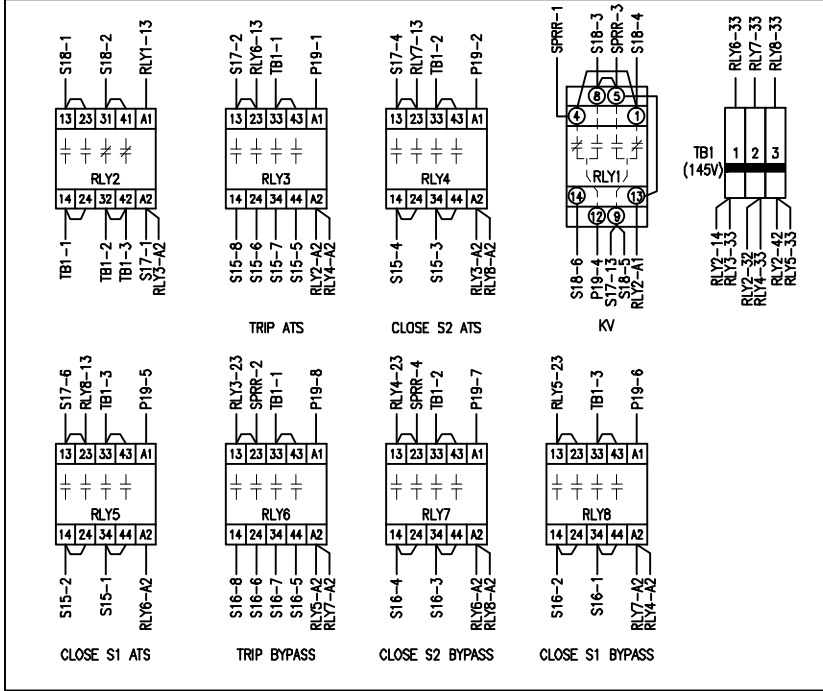
\*S\* PLUGS ARE MOUNTED ON XFMR PANEL COVER

01 REVISION

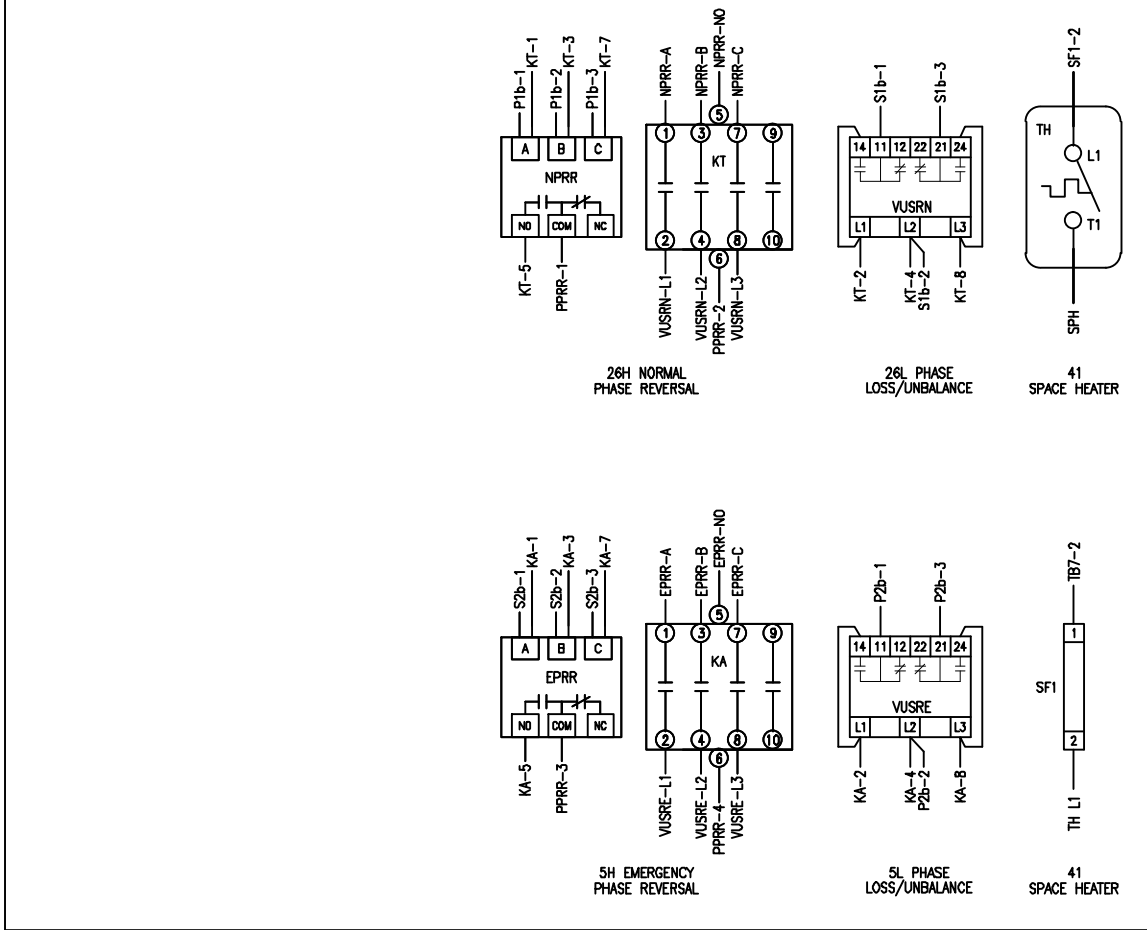
DFTR JODY GRABOWSKI DATE 9/16/2010  
 APPD DATE  
 FEDERAL ID NO. 88725 S.O. T5730915G001  
 PRODUCT CODE AT REVISION 01

THE INFORMATION ON THIS DOCUMENT WAS CREATED BY EATON CORPORATION. IT WAS DISCLOSED IN CONFIDENCE AND IS ONLY TO BE USED FOR THE PURPOSE IN WHICH IT WAS SUPPLIED.  
 TITLE BYPASS ISOLATION OPEN TRANSFER | CONTACTOR SWITCH 480V 3 POSITION | 100-1200 AMP | ATC-800 CONTROLLER  
 TYPE BIC8C3X31200XSU FIXED MOUNT DIAGRAM  
 G.O. DWG ATC800 BYPASS W1 SHEET 4 OF 6

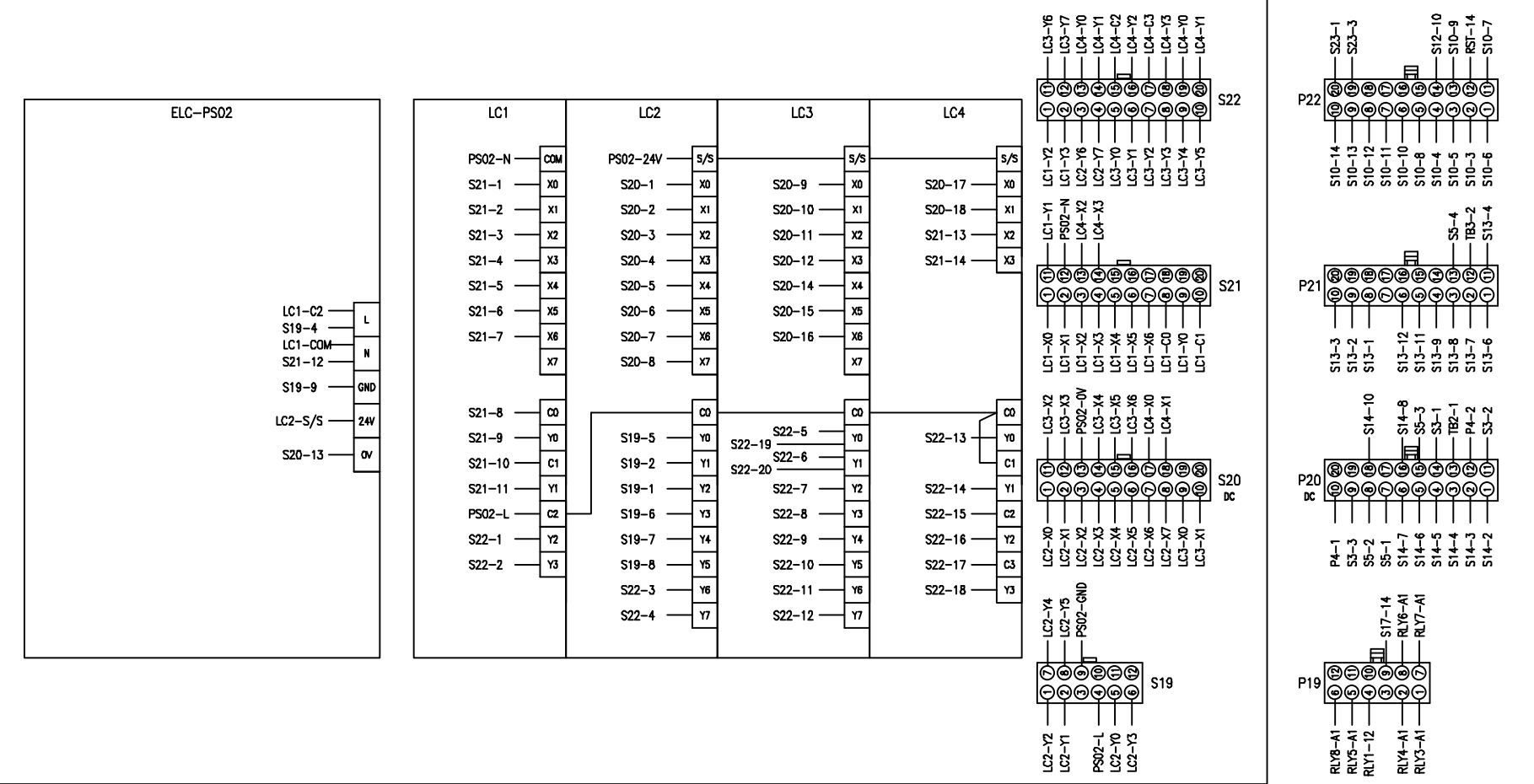
RELAY PANEL (MOUNTED ABOVE XFMR BOX)



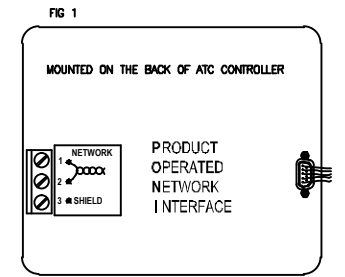
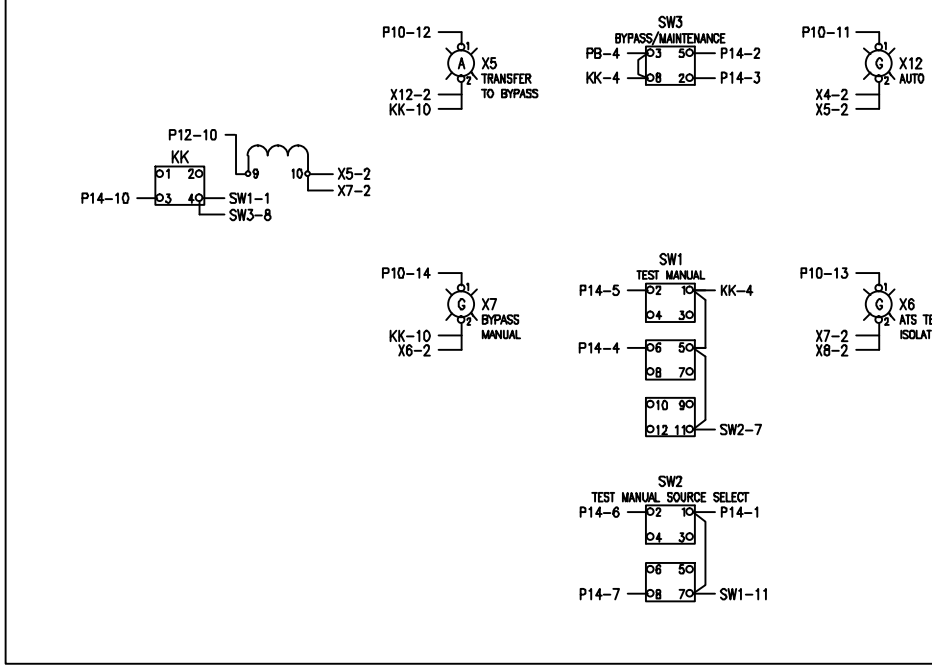
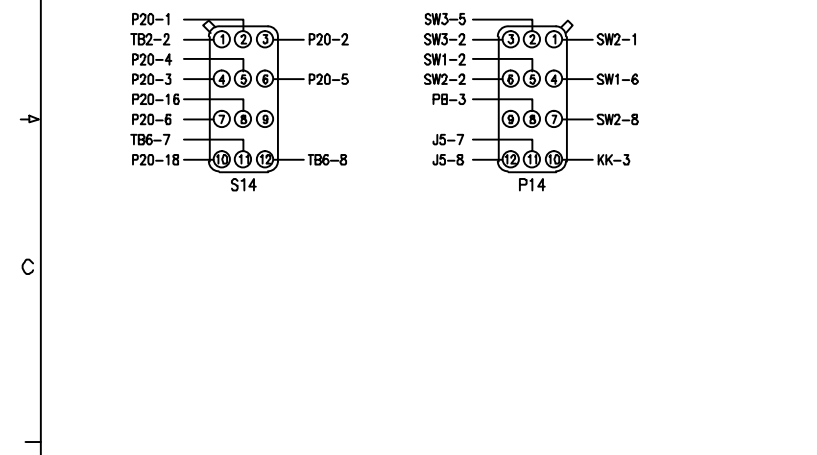
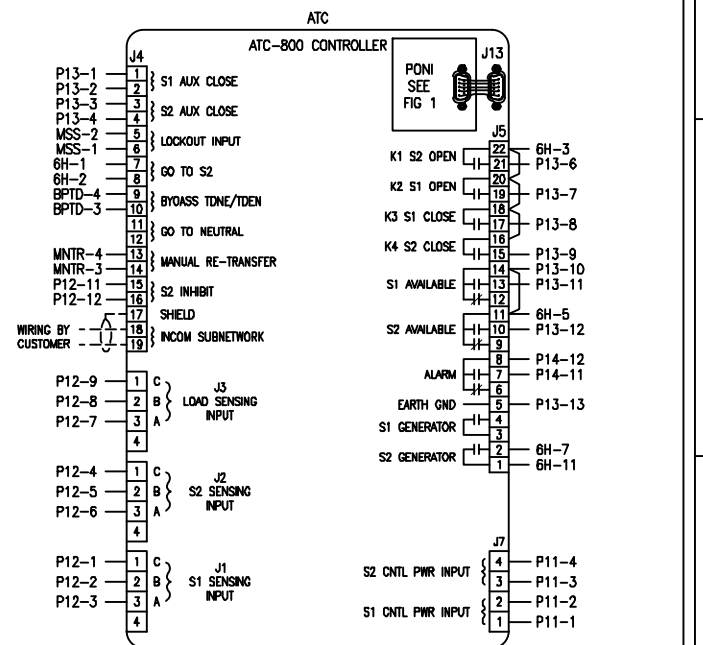
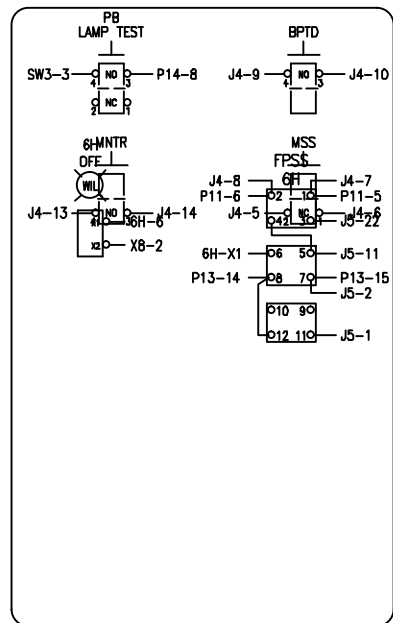
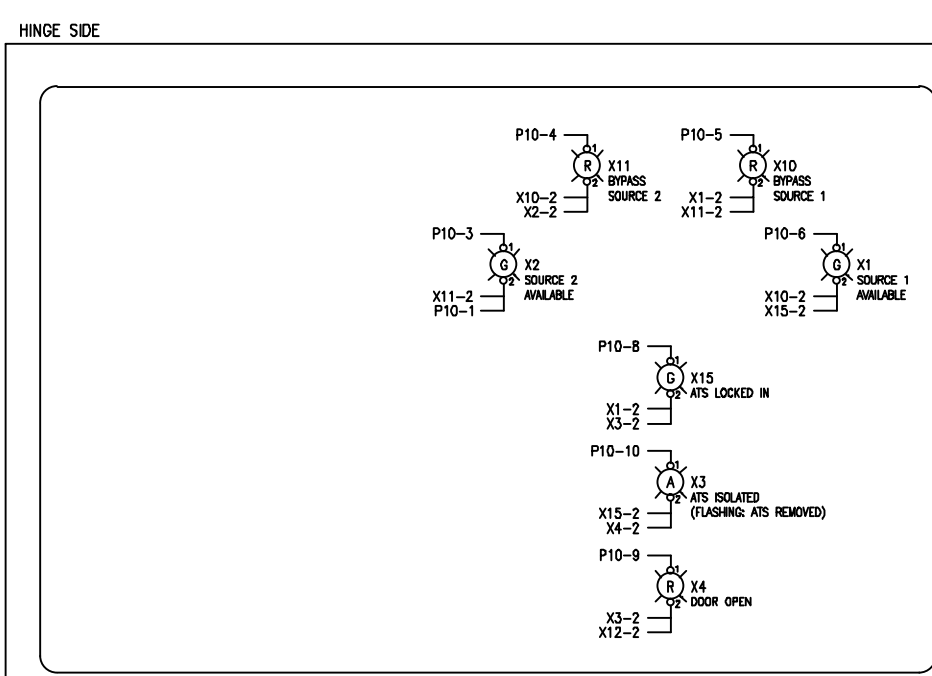
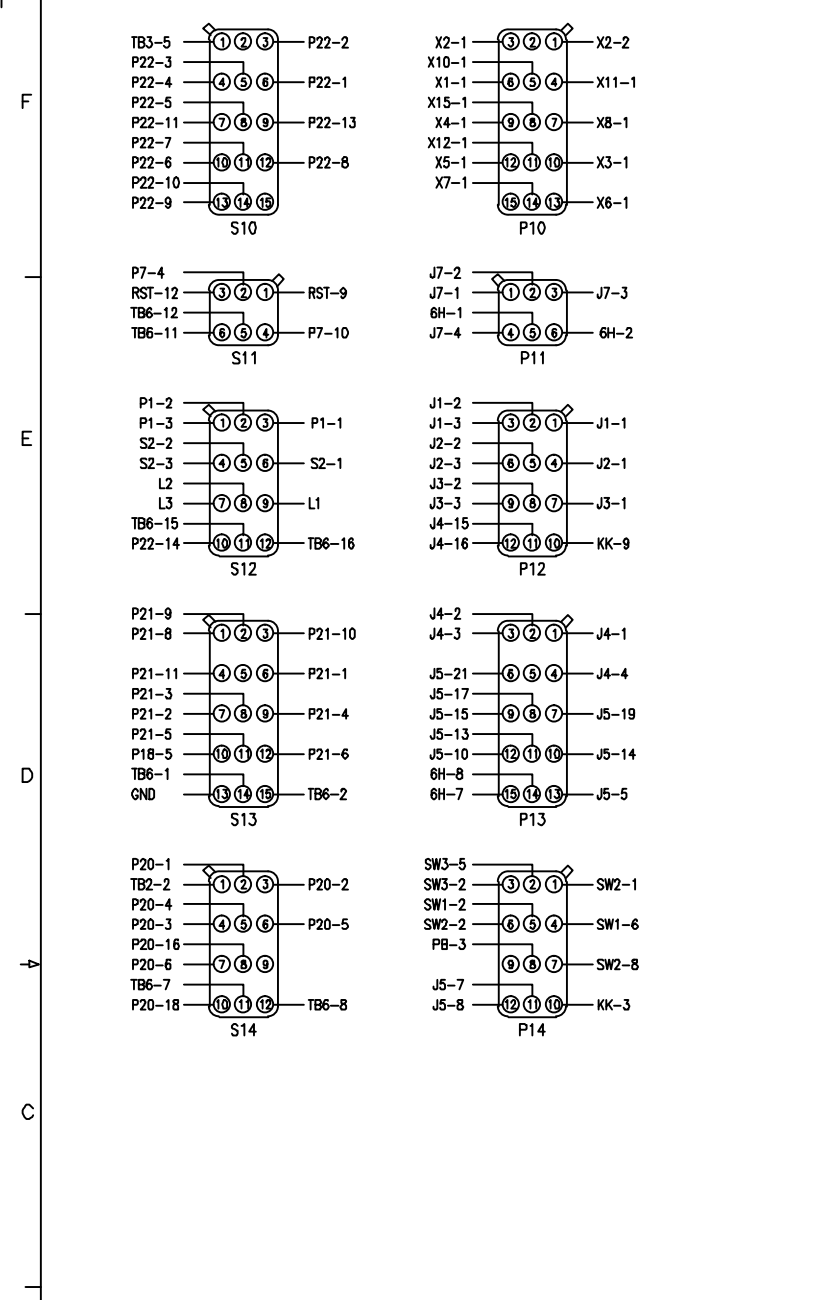
OPTION PANEL (MOUNTED BELOW RELAY PANEL)



BYPASS LOGIC PANEL (MOUNTED BEHIND XMFR BOX)

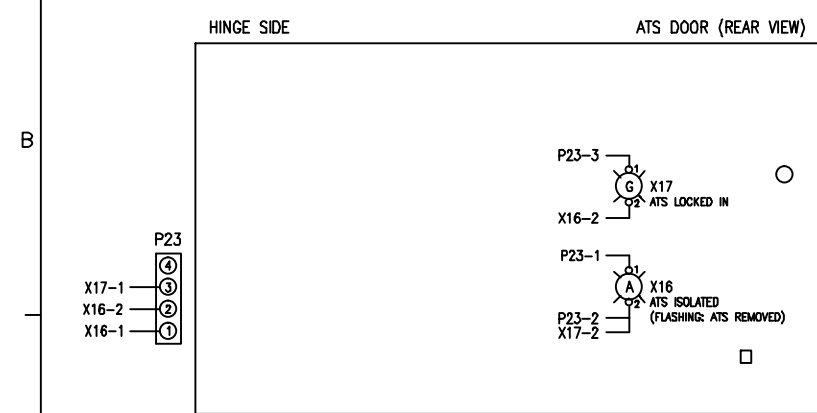


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		PRODUCT CODE	AT	REVISION	01	480V 3 POSITION   100-1200 AMP   ATC-800 CONTROLLER			
				TYPE		BIC8C3X31200XSU		FIXED MOUNT	DIAGRAM
				G.O.		DWG		ATC800 BYPASS W2	
								SHEET 5 OF 6	



9B (MSS) MAINTENANCE OPERATE DISABLED

29J (MT) PRESS TO RETURN TO SOURCE 1



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	APPD	DATE	EATON		
	FEDERAL ID NO. 88725	S.O. T5730915G001	TITLE BYPASS ISOLATION OPEN TRANSFER   CONTACTOR SWITCH 480V 3 POSITION   100-1200 AMP   ATC-800 CONTROLLER		
	PRODUCT CODE AT	REVISION 01	G.O. -	DWG ATC800 BYPASS W3	SHEET 6 OF 6