

WIRE RUN LISTING

1 HARNESS LOCATOR <input checked="" type="checkbox"/> BOX CHECKED IF HARNESS IS MODIFIED			
WIRE No.	HARNESS 781247 (P) MAIN TS	CLR	AWG
1	P-1,TS-18		18
2	P-2,TS-A		
3	P-3,TS-14		
4	P-4,TS-3		
4	TS-3,TS-15		
5	P-5,TS-B		
6	P-6,TS-7		
6	TS-7,TS-19		
7	P-7,TS-5		
7	TS-5,TS-17		
8	P-8,TS-24		
8	TS-24,TB-1		
9	P-9,TS-25		
9	TS-25,TB-2		
10	P-10,TS-21		
11	P-11,TS-2		
12	P-12,TS-1		
12	TS-1,TS-13		
13	P-13,TS-22		
14	P-14,TS-23		
15	P-15,TS-16		
16	P-16,TS-20		
17	P-17,TB-3		
18	P-18,TS-6		
19	P-19,TS-9		
20	P-20,TS-10		
21	P-21,TS-11		
22	P-22,TS-4		
23	P-23,TS-8		
24	P-24,TS-12		
25	TS-27,TB-4		
26	TS-28,TB-5		
27	TS-29,TB-6		

2 HARNESS LOCATOR <input type="checkbox"/> BOX CHECKED IF HARNESS IS MODIFIED			
WIRE No.	HARNESS 483763 (J, P1, P2) TS-CP HARNESS	CLR	AWG
1	J-1,CP-P1-8		16
2	J-2,CP-P1-15		
3	J-3,CP-P1-2		
4	J-4,CP-P1-4		
5	J-5,CP-P1-17		
6	J-6,CP-P1-12		
7	J-7,CP-P1-7		
8	J-8,CP-P2-2		
9	J-9,CP-P2-3		
10	J-10,CP-P2-8		
11	J-11,CP-P1-10		
12	J-12,CP-P1-1		
13	J-13,CP-P2-9		
14	J-14,CP-P2-10		
15	J-15,CP-P1-5		
16	J-16,CP-P1-13		
17	J-17,CP-P2-1		
18	J-18,CP-P1-14		

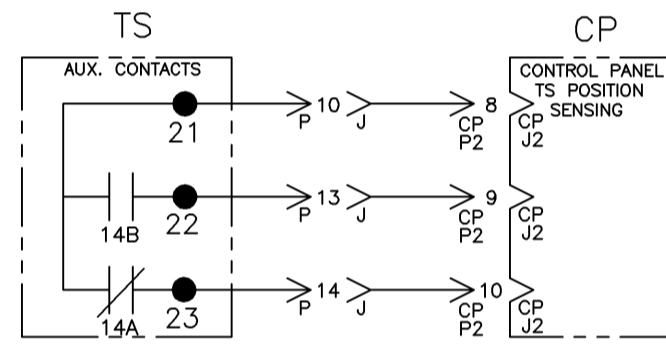
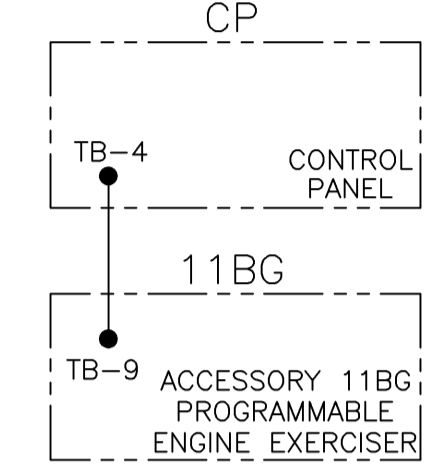
OPTIONAL ACCESSORIES

3 HARNESS LOCATOR			
WIRE No.	OPTIONAL ACC. 11BG CKTS.	CLR	AWG
28	CP-TB-4,11BG-TB-9		16

4 HARNESS LOCATOR			
WIRE No.	OPTIONAL ACC. 14AA & 14BA	CLR	AWG
31	TS-30,TB-7		18
32	TS-31,TB-8		
33	TS-32,TB-9		

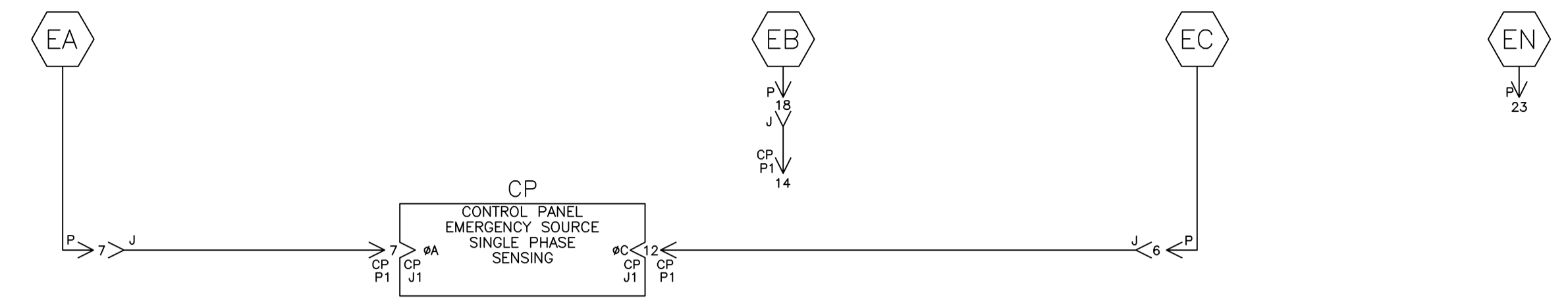
CONTROL SIGNALS & INDICATION

ACCESSORY 11BG PROGRAMMABLE ENGINE EXERCISER & SOURCE AVAILABILITY SIGNAL (OPTIONAL)



EMERGENCY SOURCE CIRCUITS

EMERGENCY



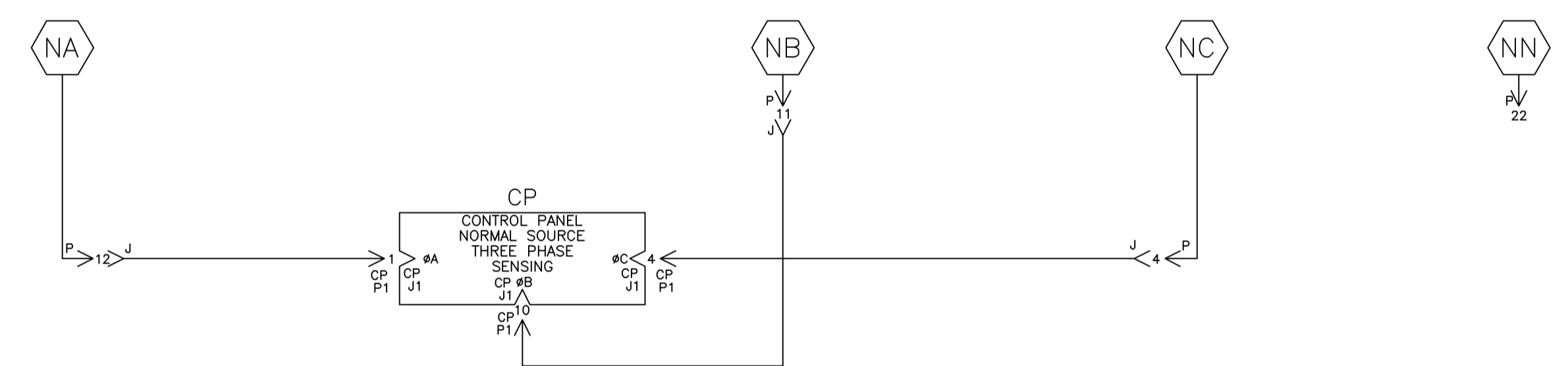
LOAD TERMINAL CIRCUITS

LOAD



NORMAL SOURCE CIRCUITS

NORMAL



B	213521	WK	BK	05/29/07
SEE ECN				
A	208021	JPB	JPB	3/21/06
SEE ECN				
-	205833	JPB	JPB	9/8/05
ISSUE				

PROJECT NAME: WIRING DIAGRAM

SERIES J300 ATS 3PH 600 AMPS

"J" FRAME, GROUP 1 CONTROLS

REV. TO SHEET	ECN NO.	BY	APP.	DATE

MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005.

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ASCO POWER TECHNOLOGIES, L.P.
FLORHAM PARK, NEW JERSEY 07932 U.S.A.

COMPUTER GENERATED DRAWING

SCALE: 1:1 SIZE: DS

DWG. NO. 783739

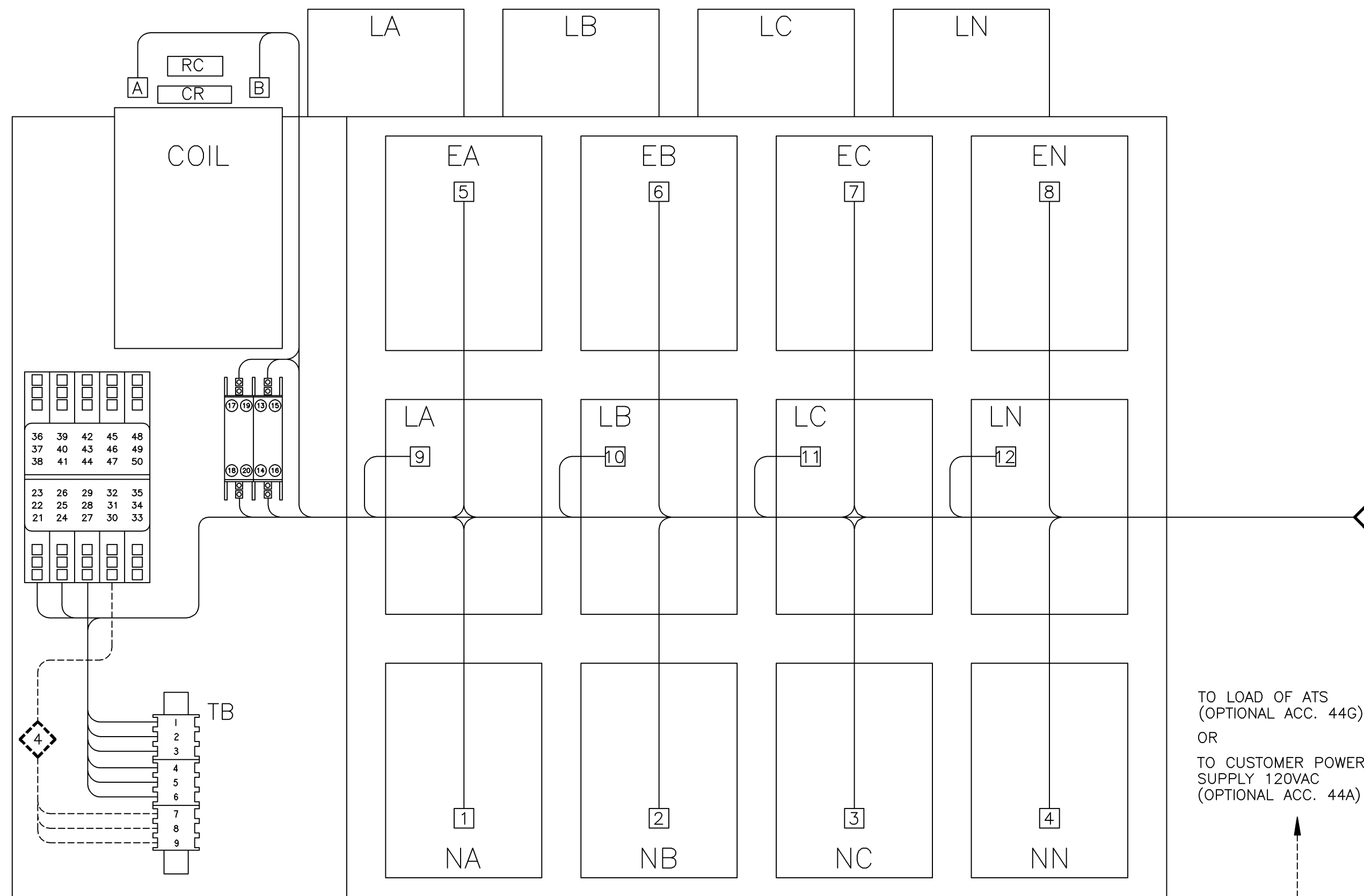
DRAWING B ECN NO. 213521 SHEET 3 OF 4

PHYSICAL DIAGRAM

ENCLOSURE

DOOR (INSIDE)

TS (TRANSFER SWITCH)
VIEW FROM INSIDE FRONT

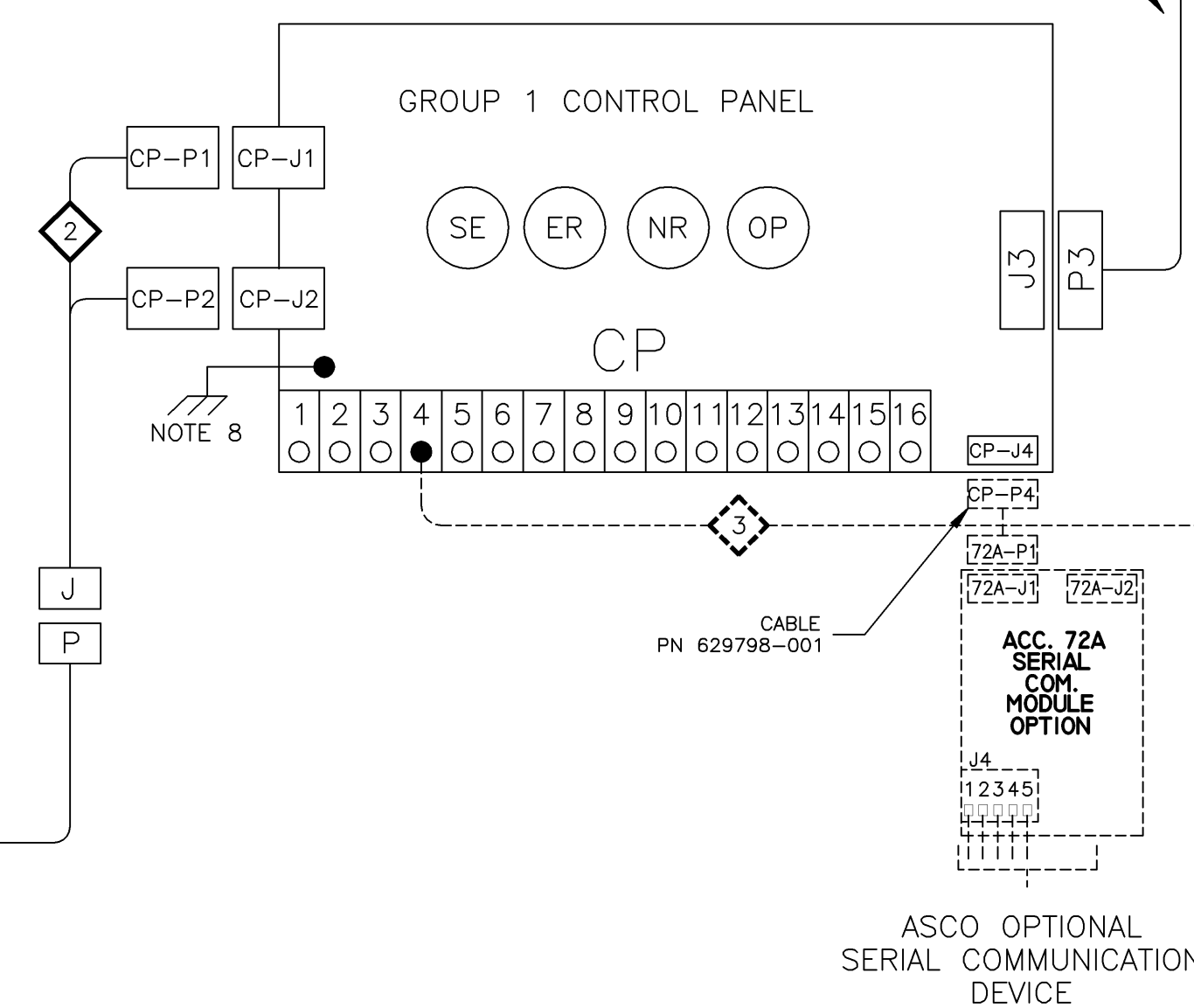


TO LOAD OF ATS
(OPTIONAL ACC. 44G)
OR
TO CUSTOMER POWER
SUPPLY 120VAC
(OPTIONAL ACC. 44A)



DOOR HINGE

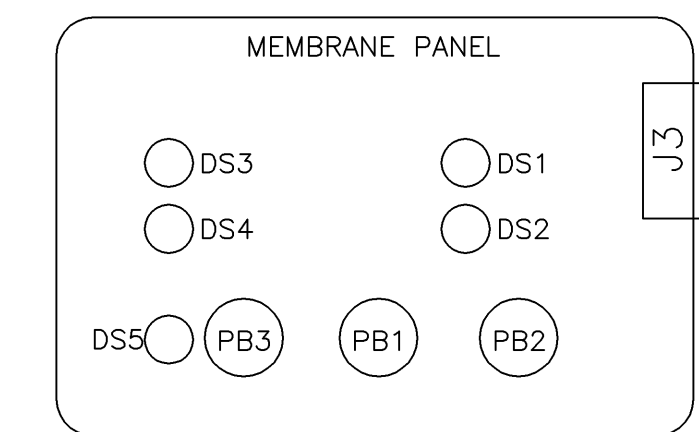
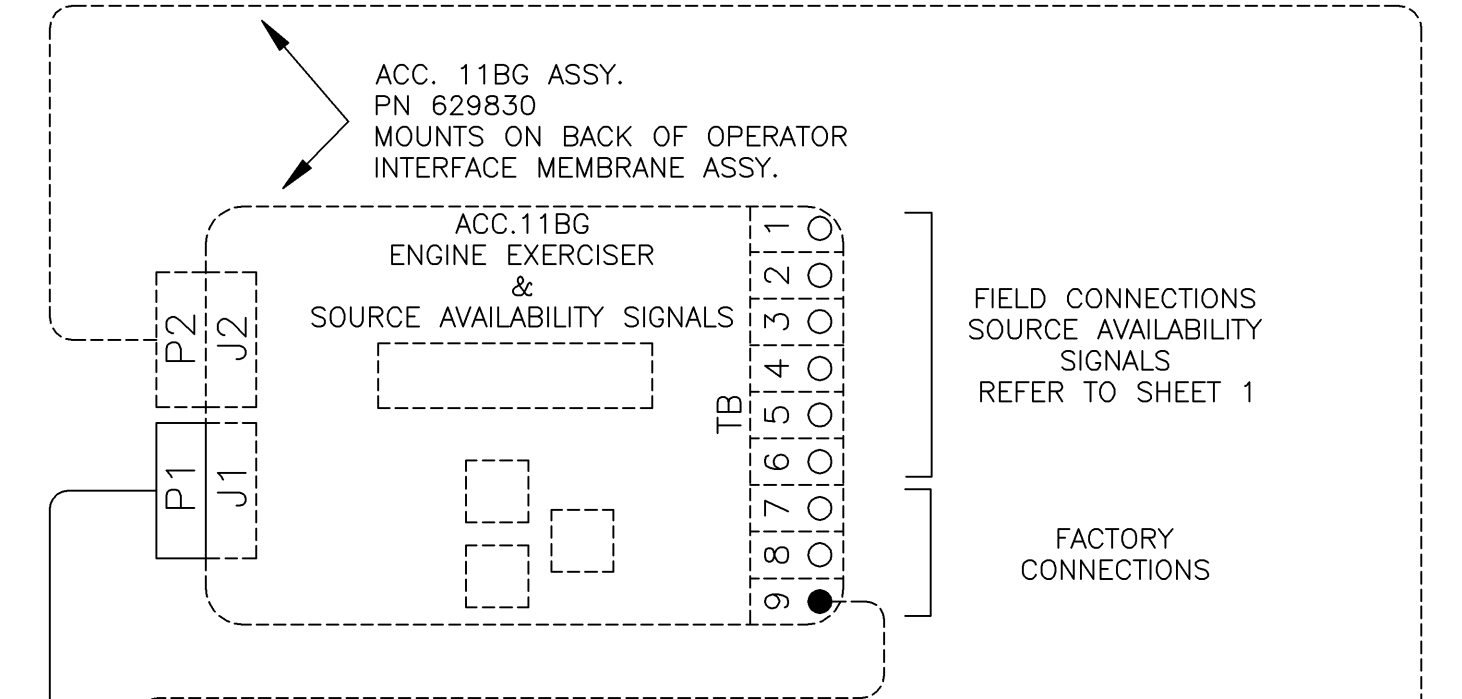
BONDING STRAP
PN 098323-019



FLAT CABLE PN 607761
NOTE: CONNECT P1 OF PN 607761
TO J3 OF OPERATOR INTERFACE
MEMBRANE ASSY. PN 473708 WHEN
ACC. 11BG IS NOT USED.

CABLE
PN 629798-001

ASCO OPTIONAL
SERIAL COMMUNICATION
DEVICE



OPERATOR INTERFACE
MEMBRANE ACCESSORY
PN 473708

OPERATOR CONTROLS

ID	DESCRIPTION
DS1	TS CONNECTED TO NORMAL
DS2	TS CONNECTED TO EMERGENCY
DS3	NORMAL SOURCE AVAILABLE
DS4	EMERGENCY SOURCE AVAILABLE
DS5	ENGINE EXERCISER
PB1	BYPASS TIME DELAY
PB2	TRANSFER SWITCH TEST
PB3	SET ENGINE EXERCISER

B	213521	WK	BK	05/29/07
A	208021	JPB	JPB	3/23/06
-	205833	JPB	JPB	9/8/05

PROJECT NAME: **WIRING DIAGRAM**

SERIES J300 ATS 3PH 600 AMPS
"J" FRAME, GROUP 1 CONTROLS

DRAWN BY	BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055	ASSEM. REF. NO.	COMPUTER GENERATED DRAWING
CHECKED	JPB	9/8/05	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		SCALE 1:1 SIZE DS
PROJECT APPROVAL					DWG. NO. 783739
FINAL APPROVAL	JPB	9/8/05	ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		DRAWING B ECN NO. 213521 SHEET 4 OF 4