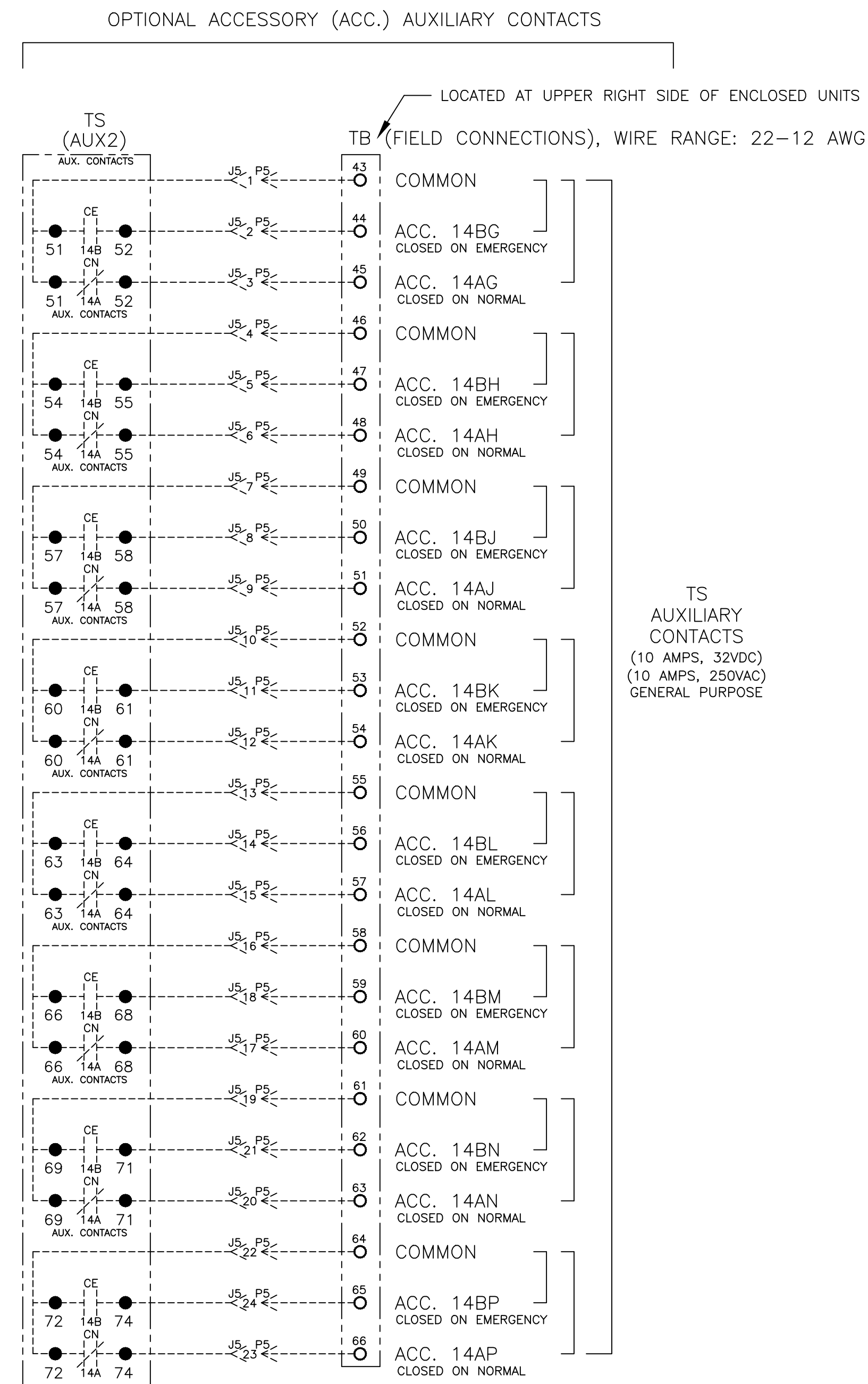
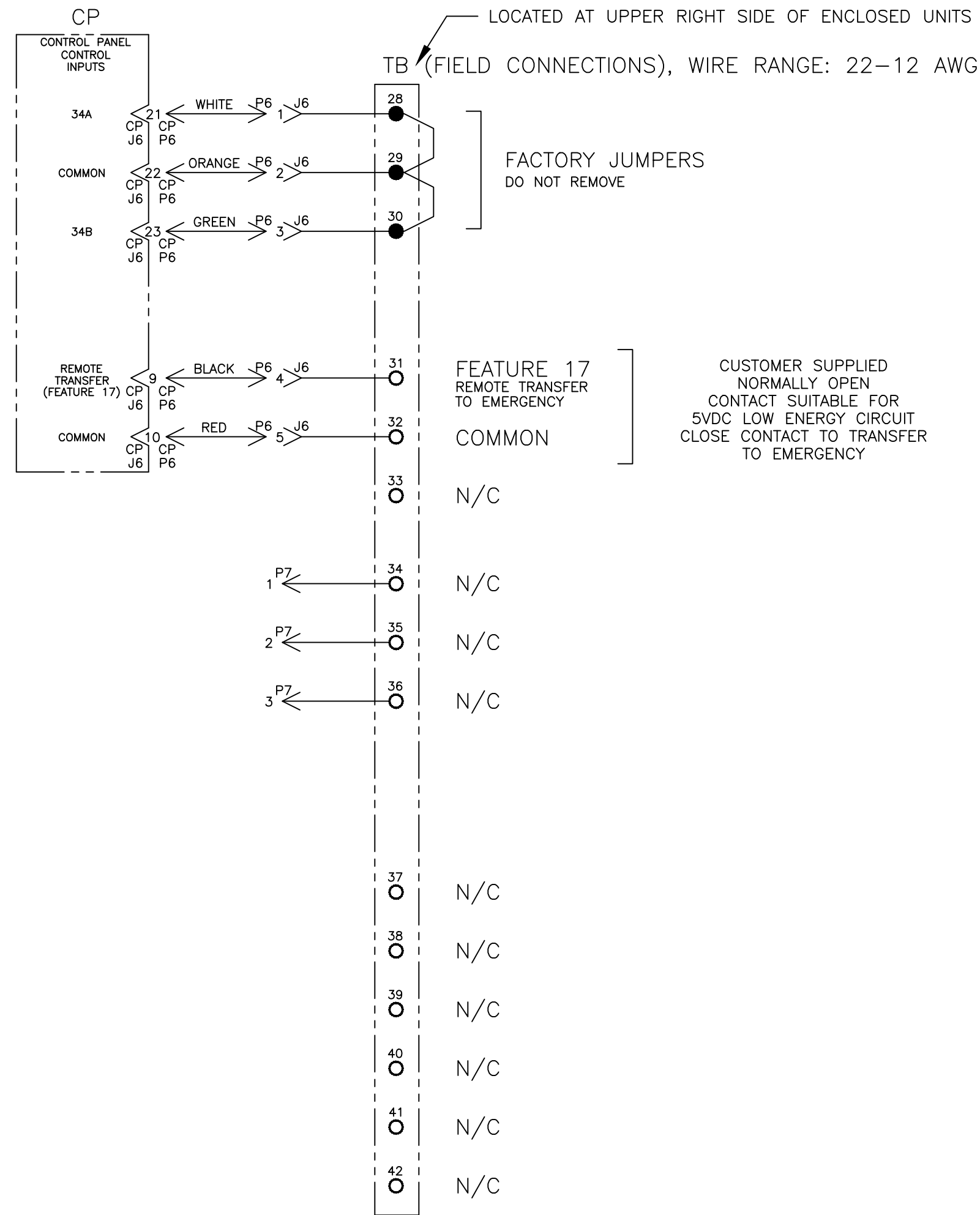
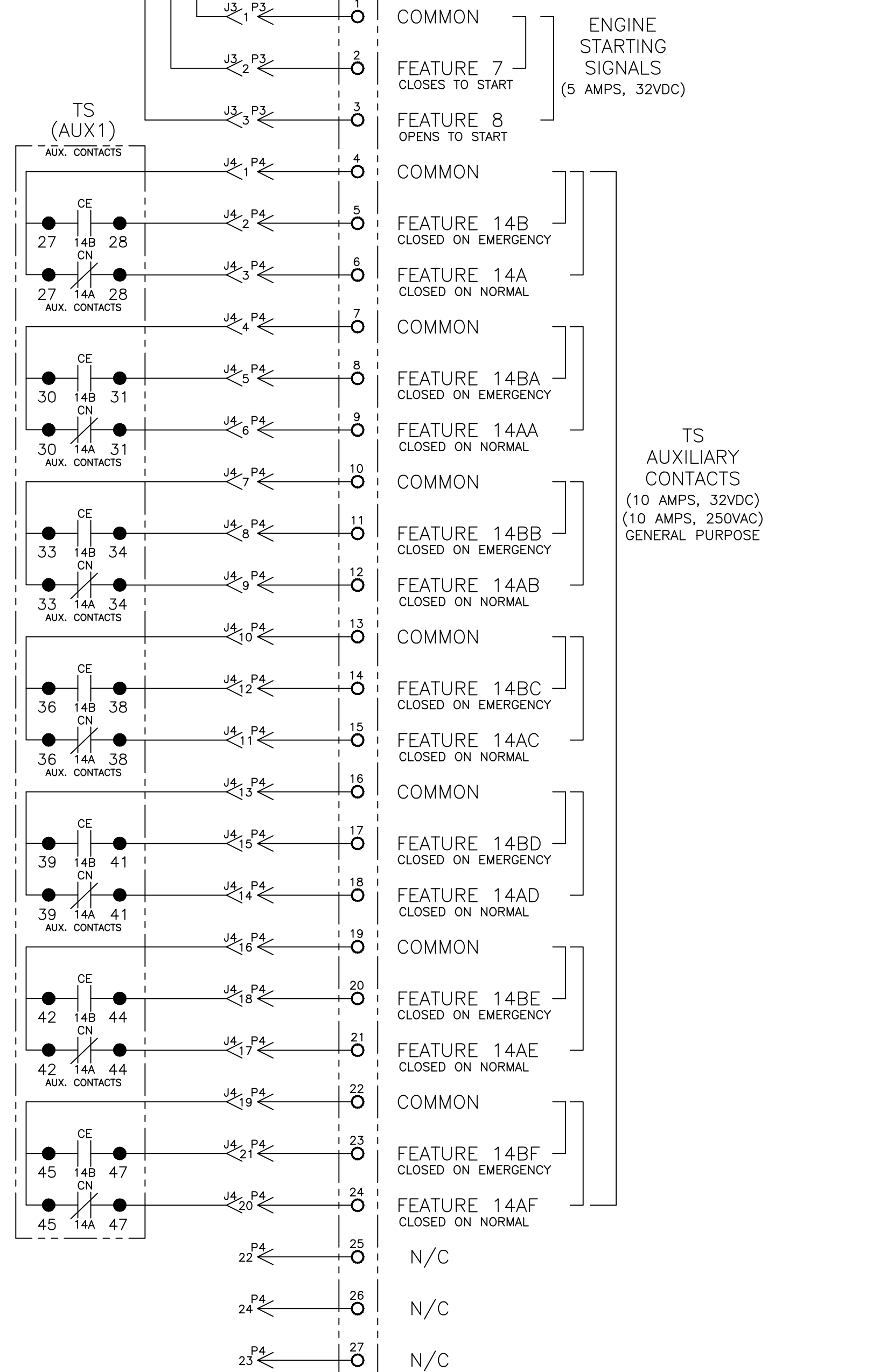
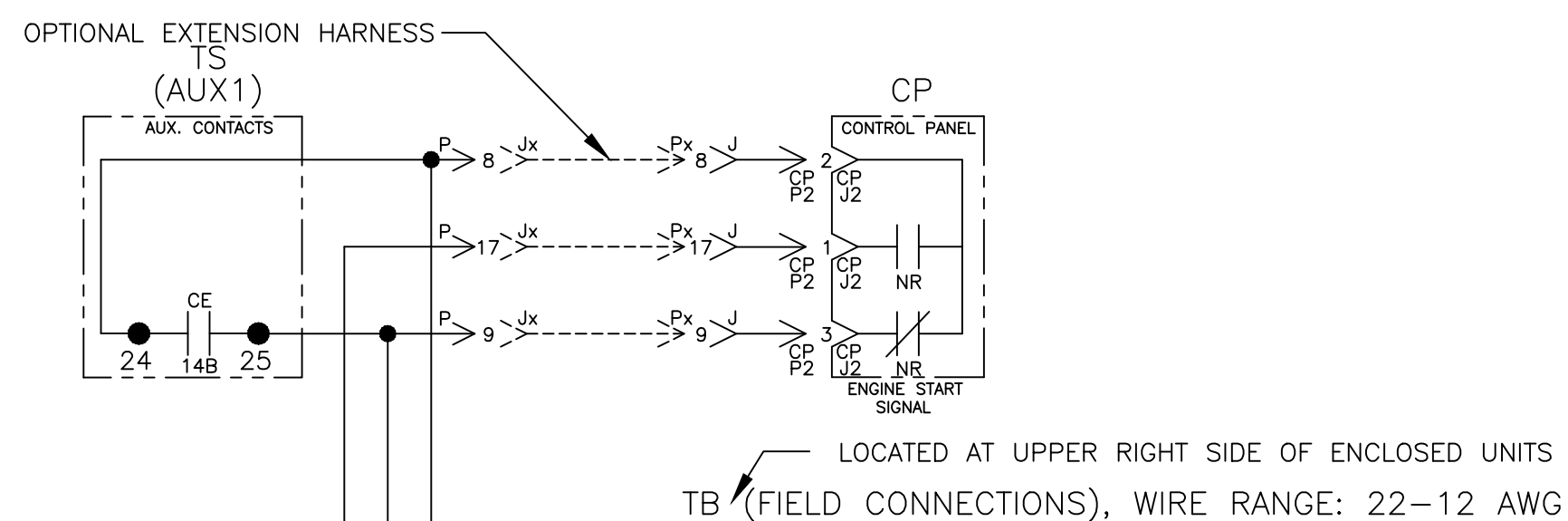




# FIELD CONNECTIONS



R	290845	SRS	HSL	08/13/21
SEE ECN				
P	215011	WK	BK	08/06/07
SEE ECN				

PROJECT NAME: **DIAGRAM**

7000 SERIES (G7ADTS) 3PH 1000-3200 AMPS  
"G" FRAME, GROUP 5 CONTROLS

DRAWN BY	YZ	DATE	11/97	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				PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		SCALE NONE SIZE DS
PROJECT APPROVAL						DWG. NO. 617417
FINAL APPROVAL	SDH	11/97				DRAWING REV. R ECN NO. 290845 SHEET 2 OF 6

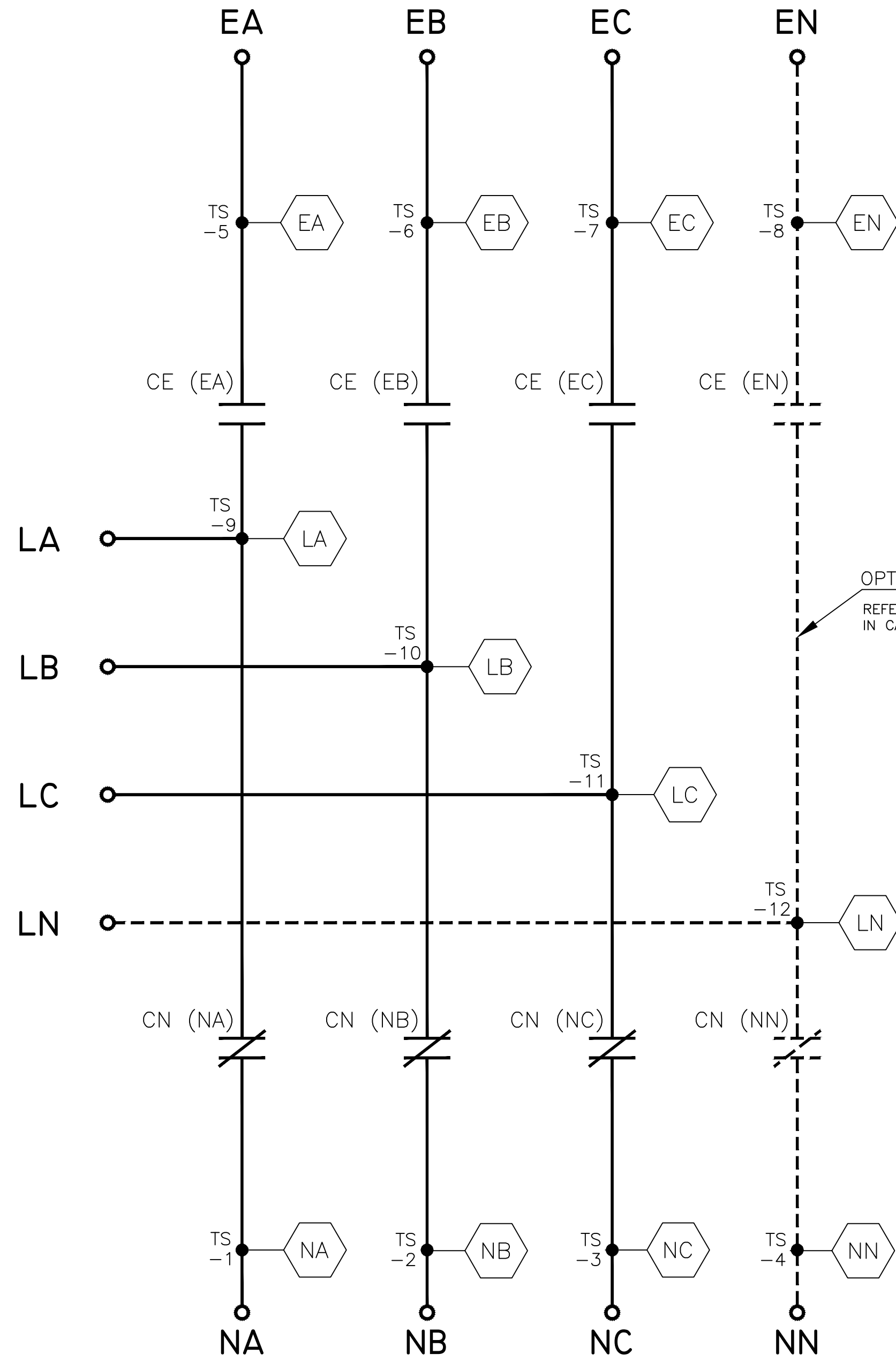
**ASCO** ASCO POWER TECHNOLOGIES, LP.  
FLORHAM PARK, NEW JERSEY 07932 U.S.A.

MAIN POWER POLES

TS OPERATOR CIRCUIT

EMERGENCY

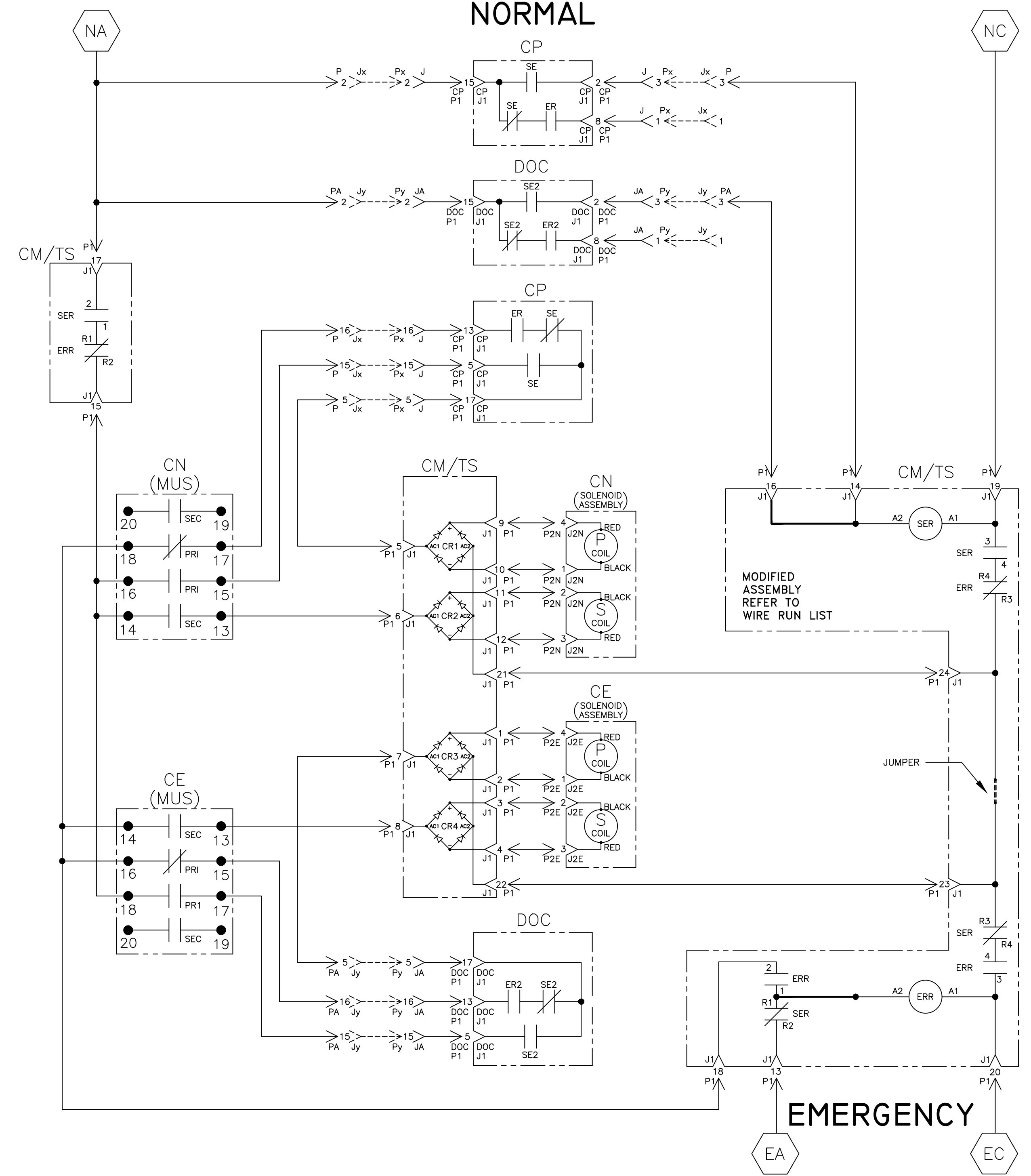
NORMAL



OPTIONAL NEUTRAL TYPES  
REFER TO "EXPLANATION OF CATALOG NUMBER CODES" IN CATALOG NUMBER CHART ON SHEET 1.

- NONE
- SWITCHING
- SOLID BUS PLATE

NOTE:  
ATS SHOWN CLOSED ON NORMAL SOURCE.



CN (MUS) CONTACTS	
MUS	SOLENOID POSITION
	NORM > AFTER TDC * < OPEN
13-14	X
15-16	X
17-18	X
19-20	X

CE (MUS) CONTACTS	
MUS	SOLENOID POSITION
	OPEN > AFTER TDC * < EMER
13-14	X
15-16	X
17-18	X
19-20	X

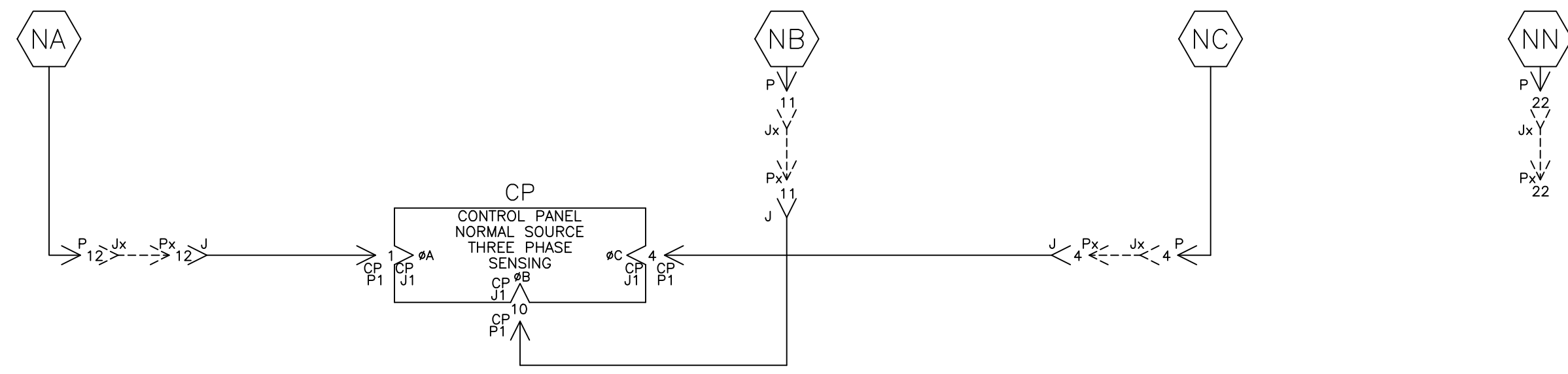
\* AFTER SOLENOID CORE PASSES THROUGH TOP DEAD CENTER POSITION.

PROJECT NAME: <b>WIRING DIAGRAM</b>		REV. TO SHEET	ECN NO.	BY	APP.	DATE
7000 SERIES (G7ADTS) 3PH 1000-3200 AMPS "G" FRAME, GROUP 5 CONTROLS		290845	SRS	HSL		08/13/21
DRAWN BY: YZ		215011	WK	BK		08/06/07
CHECKED: SDH		SEE ECN		COMPUTER GENERATED DRAWING		SCALE: NONE
PROJECT APPROVAL: SDH		ASCO POWER TECHNOLOGIES, LP.		DWG. NO. 617417		SIZE: DS
FINAL APPROVAL: SDH		FLORHAM PARK, NEW JERSEY 07932 U.S.A.		DRAWING REV. R		SHEET 3 OF 6

NORMAL SOURCE CIRCUITS

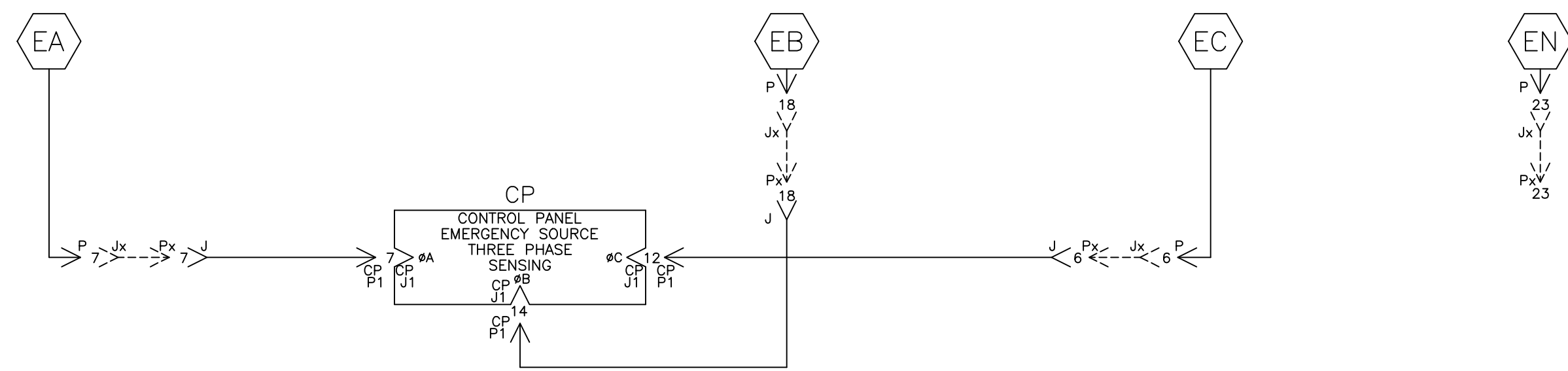
ADDITIONAL CIRCUITS

NORMAL



EMERGENCY SOURCE CIRCUITS

EMERGENCY



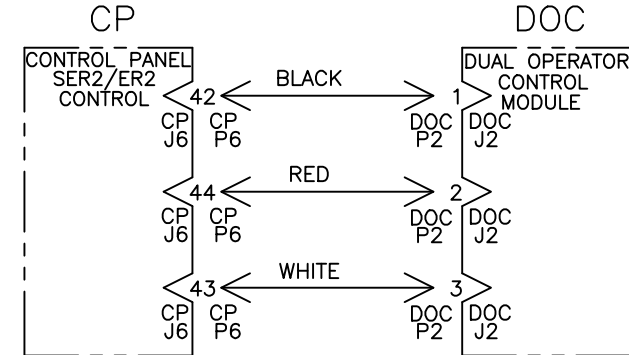
LOAD TERMINAL CIRCUITS

LOAD

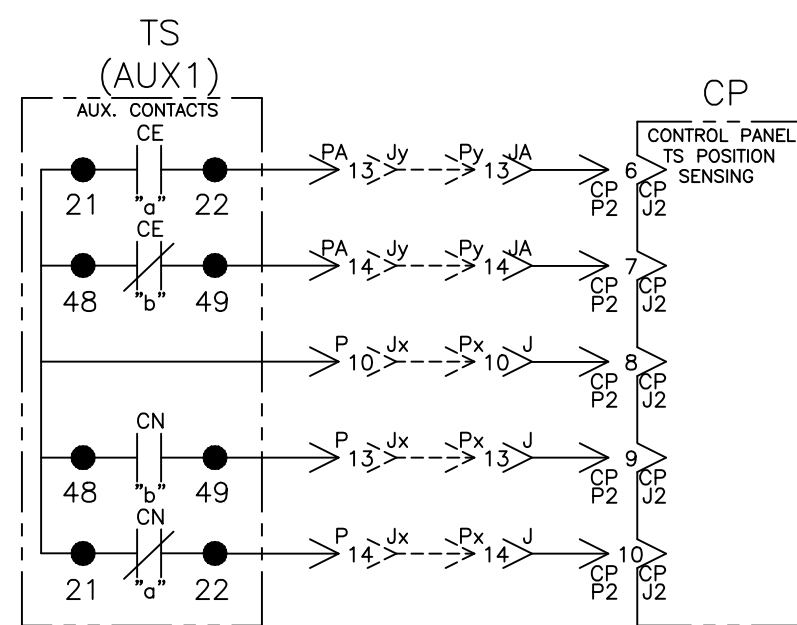


CONTROL SIGNALS & INDICATION

SER2/ER2 CONTROL



TS POSITION SENSING



R	290845	SRS	HSL	08/13/21
SEE ECN				
P	215011	WK	BK	08/06/07
SEE ECN				

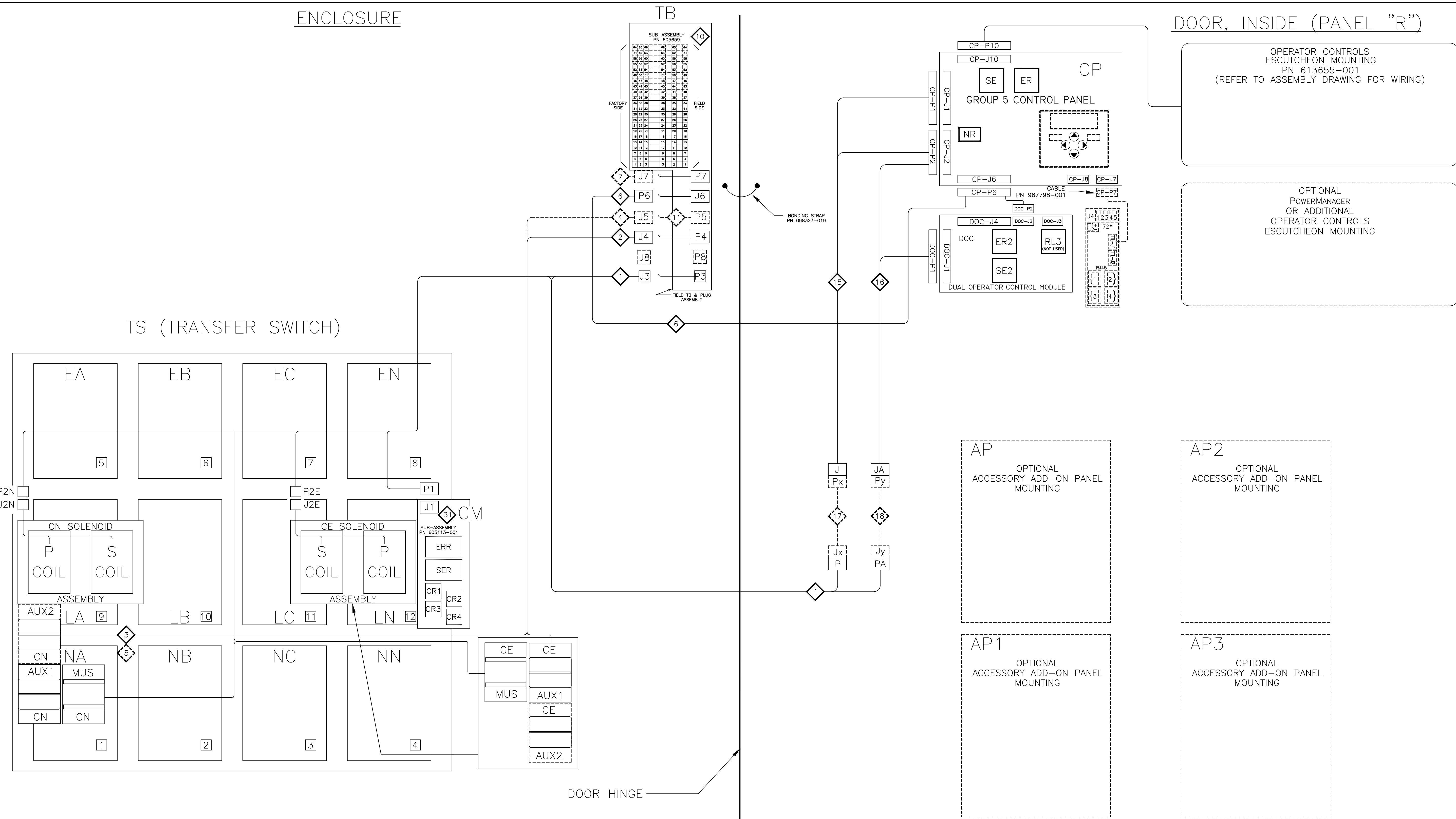
PROJECT NAME:		DIAGRAM		REV. TO SHEET	ECN NO.	BY	APP.	DATE
WIRING		7000 SERIES (G7ADTS) 3PH 1000-3200 AMPS		"G" FRAME, GROUP 5 CONTROLS		THIRD ANGLE PROJECTION		
DRAWN BY	YZ	DATE	11/97	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055		ASSEM. REF. NO.		COMPUTER GENERATED DRAWING
CHECKED				PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		SCALE	NONE	SIZE DS
PROJECT APPROVAL				DWG. NO. 617417		SHEET 4 OF 6		
FINAL APPROVAL	SDH	11/97		ASCO POWER TECHNOLOGIES, LP. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		DRAWING REV.	R	ECN NO. 290845



PHYSICAL DIAGRAM

ENCLOSURE

DOOR, INSIDE (PANEL "R")



NOTE: PHYSICAL MAY VARY BASED ON ENCLOSURE USED.

REV. TO SHEET	BY	APP.	DATE
R	290845	SRS	HSL 08/13/21
P	215011	WK	BK 08/06/07

PROJECT NAME: **DIAGRAM**

WIRING 7000 SERIES (G7ADTS) 3PH 1000-3200 AMPS "G" FRAME, GROUP 5 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	YZ	11/97			SCALE NONE SIZE DS
PROJECT APPROVAL					DWG. NO. 617417
FINAL APPROVAL	SDH	11/97			DRAWING REV. R ECN NO. 290845 SHEET 5 OF 6

ASCOTM ASCO POWER TECHNOLOGIES, LP. FLORHAM PARK, NEW JERSEY 07932 U.S.A.

WIRE RUN LISTING

Table 1: HARNESS LOCATOR 619510-026 (P,P1,P2N,P2E,J3,) MAIN TS. WIRE No., CLR, AWG. Includes list of wires from 1 to 223 and REMOVE WIRES section.

Table 2: HARNESS LOCATOR 609051-001 (J4) TS. STD. AUX. CONTACTS. WIRE No., CLR, AWG. Includes list of wires from 50 to 73.

Table 3: HARNESS LOCATOR 609051-001-A TS. STD. AUX. CONTACTS. WIRE No., CLR, AWG. Includes list of wires from 50 to 8.

Table 4: HARNESS LOCATOR 609051-002 (J5) TS. OPT. AUX. CONTACTS. WIRE No., CLR, AWG. Includes list of wires from 230 to 253.

Table 5: HARNESS LOCATOR 609051-002-A TS. OPT. AUX. CONTACTS. WIRE No., CLR, AWG. Includes list of wires from 230 to 251.

Table 6: HARNESS LOCATOR 619510-005 (P6) FIELD INPUTS. WIRE No., CLR, AWG. Includes list of wires from 100 to 123.

Table 7: HARNESS LOCATOR 619510-005 (P6) FIELD OUTPUTS. WIRE No., CLR, AWG. Includes list of wires from 130 to 153.

Table 8: HARNESS LOCATOR 605454-008 (P5,TB) OPT. AUX. CONTACTS. WIRE No., CLR, AWG. Includes list of wires from 230 to 252.

Table 9: SUB-ASSEMBLY 605659 (P3,P4,J6,P7,TB) STD. FIELD TB. WIRE No., CLR, AWG. Includes list of wires from 6 to 132.

Table 10: HARNESS LOCATOR 483763 (J,CP-P1,CP-P2) CONTROL PANEL. WIRE No., CLR, AWG. Includes list of wires from 1 to 21.

Table 11: HARNESS LOCATOR 619385 (JA,CP-P2,CP-P6) CONTROL MODULE. WIRE No., CLR, AWG. Includes list of wires from 1 to 222.

Table 12: HARNESS LOCATOR 309320-005 (J1,CM) DUAL SOLENOID UNIT CONTROL MODULE ASSEMBLY. WIRE No., CLR, AWG. Includes list of wires from J1-1 to J1-24.

Table 13: HARNESS LOCATOR 309320-005 OPTIONAL 8 IN. EXTENSION HARNESS. WIRE No., CLR, AWG. Includes list of wires from 201 to 222.

Table 14: HARNESS LOCATOR 605113-001 (J1,CM) DUAL SOLENOID UNIT CONTROL MODULE ASSEMBLY. WIRE No., CLR, AWG. Includes list of wires from J1-1 to J1-24.

Table 15: HARNESS LOCATOR 309320-005 OPTIONAL 8 IN. EXTENSION HARNESS. WIRE No., CLR, AWG. Includes list of wires from 257 to 282.

Table 16: HARNESS LOCATOR 605454-008 (P5,TB) OPT. AUX. CONTACTS. WIRE No., CLR, AWG. Includes list of wires from 230 to 252.

Table 17: HARNESS LOCATOR 309320-005 OPTIONAL 8 IN. EXTENSION HARNESS. WIRE No., CLR, AWG. Includes list of wires from 201 to 222.

Table 18: HARNESS LOCATOR 605113-001 (J1,CM) DUAL SOLENOID UNIT CONTROL MODULE ASSEMBLY. WIRE No., CLR, AWG. Includes list of wires from J1-1 to J1-24.

Table 19: HARNESS LOCATOR 309320-005 OPTIONAL 8 IN. EXTENSION HARNESS. WIRE No., CLR, AWG. Includes list of wires from 257 to 282.

Table 20: HARNESS LOCATOR 605454-008 (P5,TB) OPT. AUX. CONTACTS. WIRE No., CLR, AWG. Includes list of wires from 230 to 252.

Table 21: WIRE No., ADDITIONAL WIRING, CLR, AWG. Includes list of wires from 16 to 16.

Table 22: Revision table with columns for REV. NO., SHEET, ECN NO., BY, APP., DATE. Includes entries for 290845 and 215011.

PROJECT NAME: WIRING DIAGRAM. 7000 SERIES (G7ADTS) 3PH 1000-3200 AMPS "G" FRAME, GROUP 5 CONTROLS. Includes drawing and approval information.

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