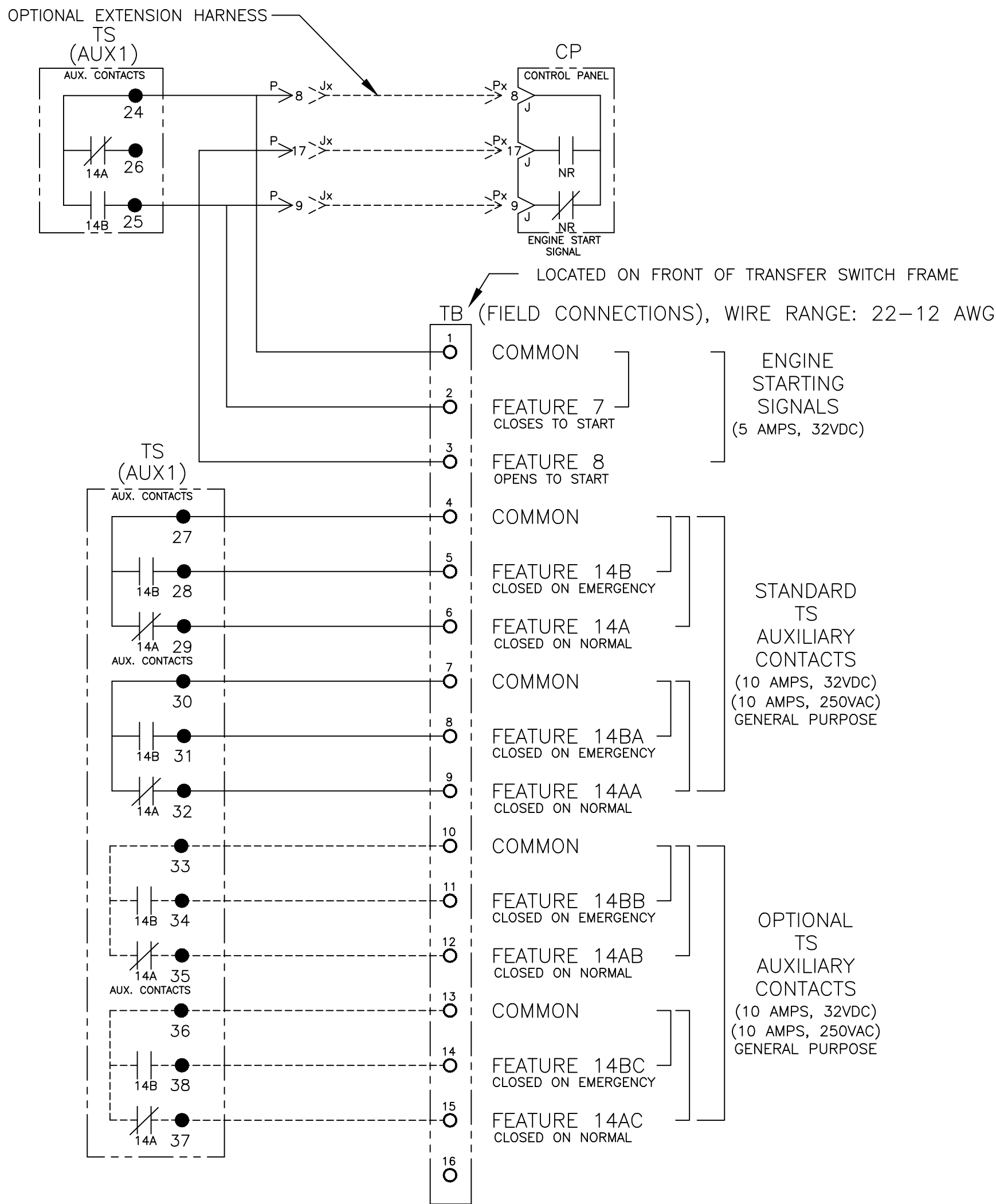
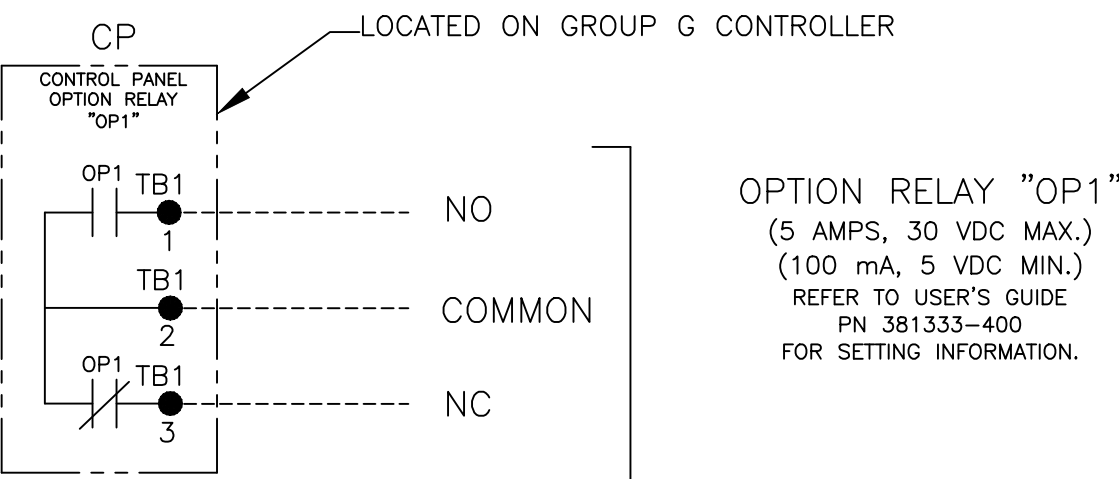


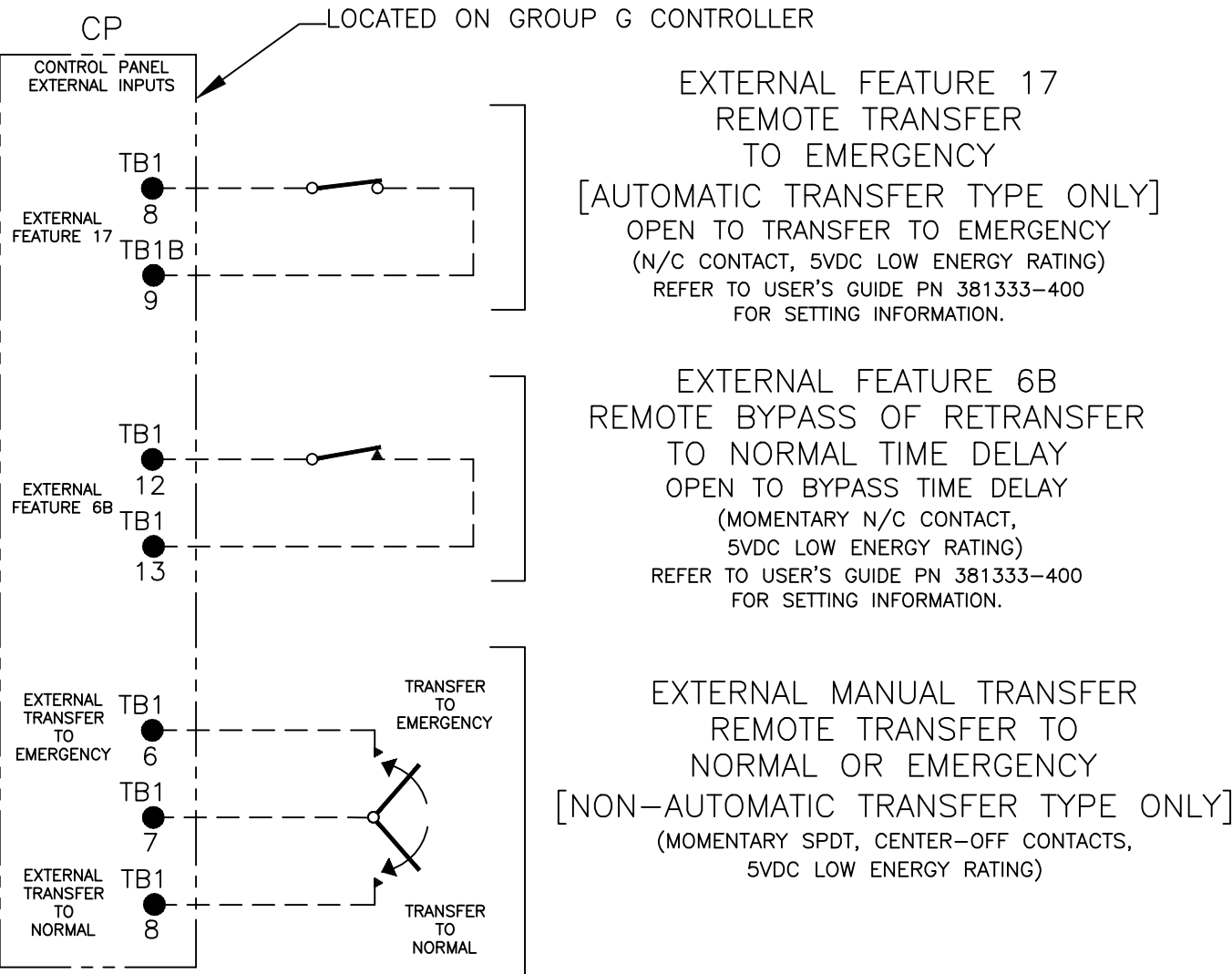
FIELD CONNECTIONS



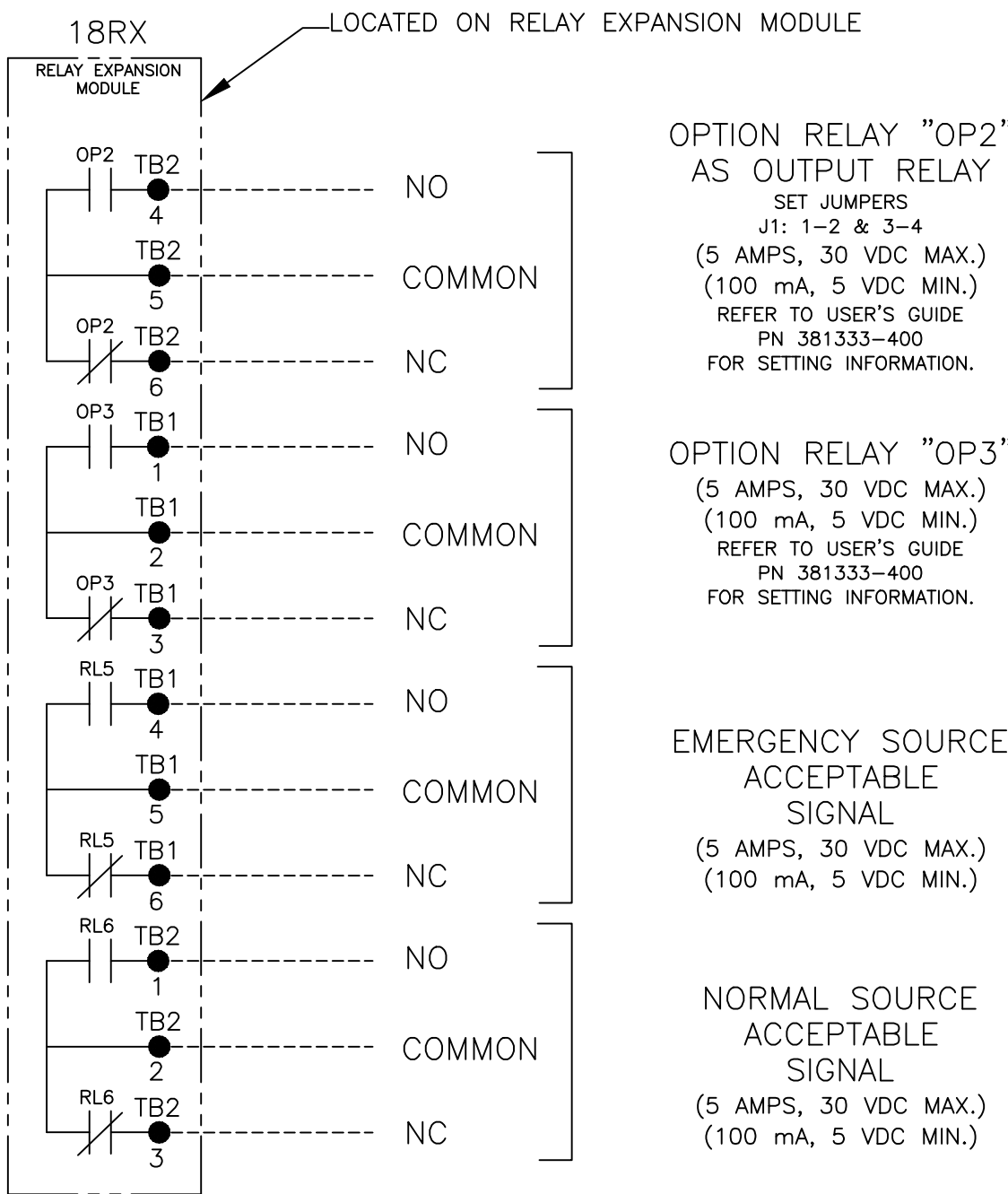
CONTROLLER OPTION RELAY "OP1" (STANDARD)



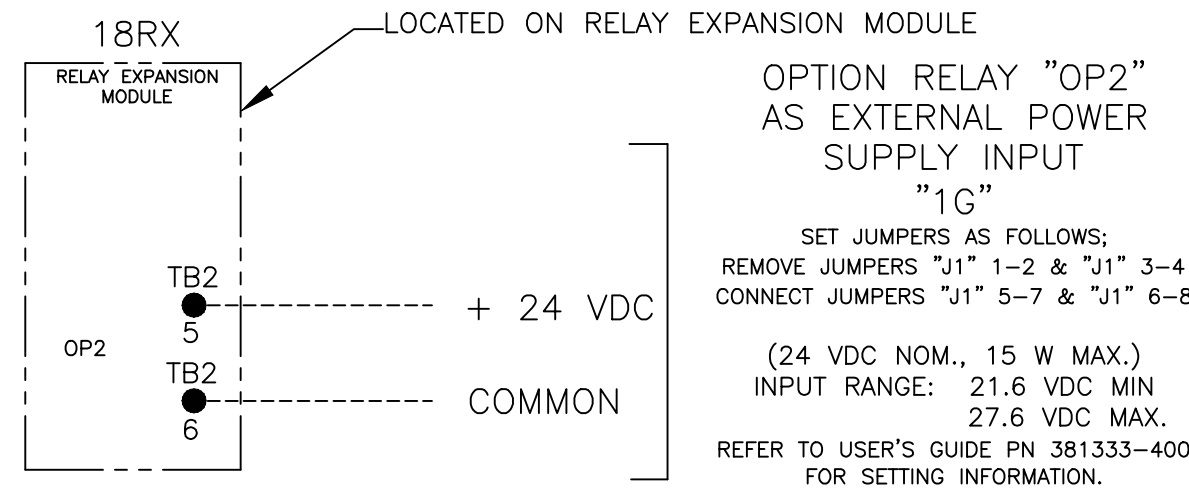
CONTROLLER REMOTE CONTROL FEATURES



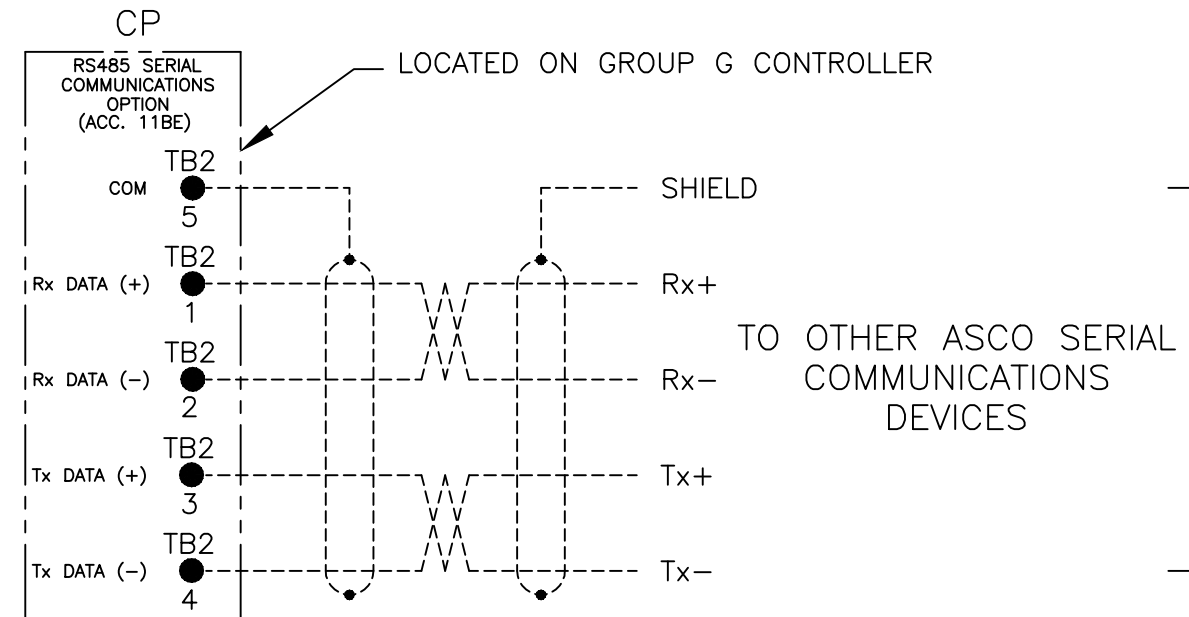
OPTIONAL ACCESSORY 18RX (RELAY EXPANSION MODULE)



"OP2" OPTIONAL USES

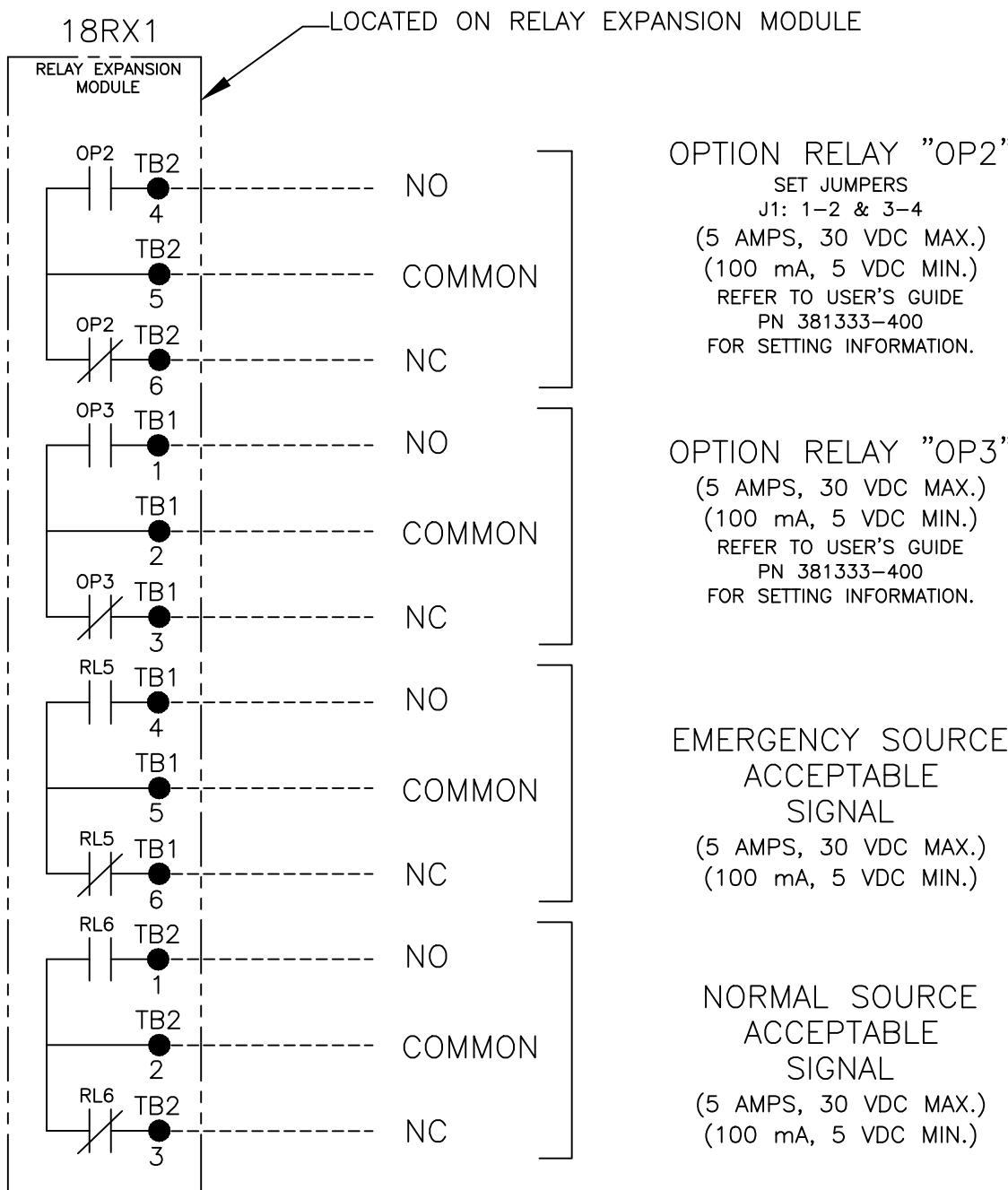


RS485 SERIAL COMMUNICATIONS OPTION AVAILABLE WITH OPTIONAL ACCESSORY 11BE: FOUR-FUNCTION SOFTWARE BUNDLE REFER TO USER'S GUIDE PN 381333-400 FOR SETTING INFORMATION.



- NOTES:
- EARTH GROUND SHIELD AT HOST DEVICE ONLY.
 - FIELD WIRING: USE UL LISTED, STRANDED, TWISTED PAIRS, OVERALL FOIL SHIELD WITH STRANDED DRAIN WIRE SUITABLE FOR RS422 EQUIVALENT TO:
- (STANDARD 80°C) BELDEN 9842 OR 9829 OR ALPHA 6202C OR 6222C
- (PLENUM RATED) BELDEN 89729 OR 82729 OR ALPHA 58902

OPTIONAL ACCESSORY 18RX1 (SECOND RELAY EXPANSION MODULE)



D	255133	TR	BK	6/5/15
C	251741	NS	WK	4/14/14
B	247772	SDH	SDH	4/14/14
A	246358	AE	BK	01/16/14
-	245959	BK	BK	12/23/13
ISSUE				
PROJECT NAME:				
WIRING DIAGRAM				
300 SERIES (H3ATS/H3NTS) 1PH 800-1200 AMPS				
"H" FRAME, GROUP G CONTROLS				
DRAWN BY	BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005.	
CHECKED	BK	12/23/13	PROPERTY OF ASCO POWER TECHNOLOGIES, USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
PROJECT APPROVAL	BK	12/23/13	ASCO® ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.	
FINAL APPROVAL			COMPUTER GENERATED DRAWING	
			SCALE	NONE
			SIZE	DS
			DWG. NO.	1001656
			DRAWING D	REV. 1
			ECN NO.	255133
			SHEET	2 OF 6

D

C

B

A

D

C

B

A

MAIN POWER POLES

TS OPERATOR CIRCUIT

EMERGENCY

NORMAL

LOAD

EMERGENCY

NORMAL

NOTE:
ATS/NTS SHOWN CLOSED ON NORMAL SOURCE.

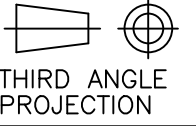
TS CONTROL CONTACTS				
TS	SOLENOID POSITION			
	CLOSED BEFORE NORMAL	BEFORE TDC	BEFORE TDC	CLOSED EMERG
13-14				
15-16				
17-18				
19-20				

TDC (TOP DEAD CENTER)
TRANSFER SWITCH TEST & ADJUSTMENT PROCEDURE
SPECIFIES CONTROL CUT-OFF (CONTACT OPENING)
SETTING.

PROJECT NAME:				REV. TO SHEET	ECN NO.	BY	APP.	DATE
WIRING								
300 SERIES (H3ATS/H3NTS) 1PH 800-1200 AMPS								
"H" FRAME, GROUP G CONTROLS								
DRAWN BY	DJB	DATE	12/23/13	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005.		ASSEM. REF. NO.		COMPUTER GENERATED DRAWING
CHECKED	BK	DATE	12/23/13	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	BK	DATE	12/23/13			DWG. NO. 1001656		
FINAL APPROVAL				DRAWING D		ECN NO. 255133	SHEET 3 OF 6	

ASCO

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



THIRD ANGLE
PROJECTION

D

C

B

A

D

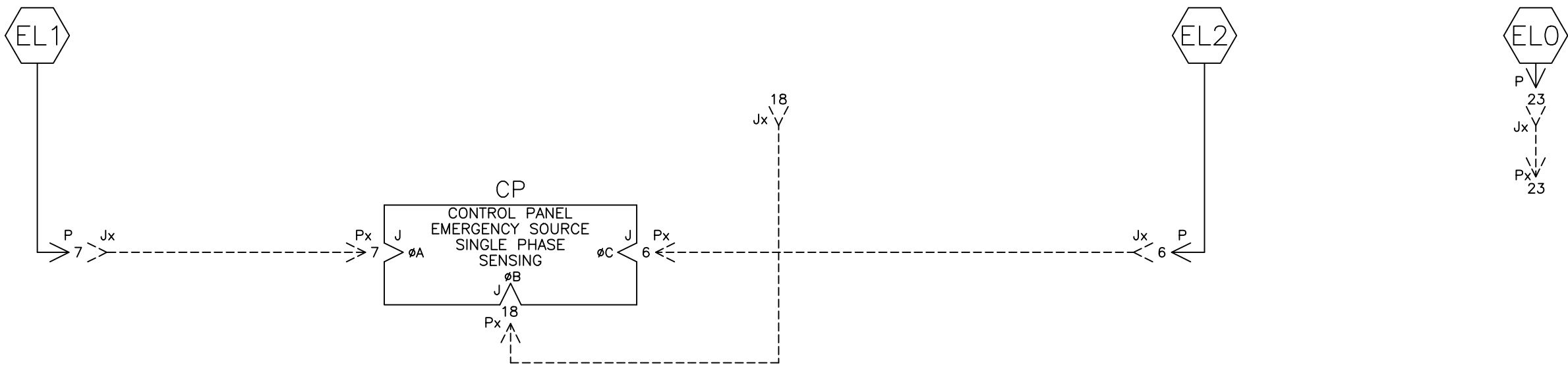
C

B

A

EMERGENCY SOURCE CIRCUITS

EMERGENCY



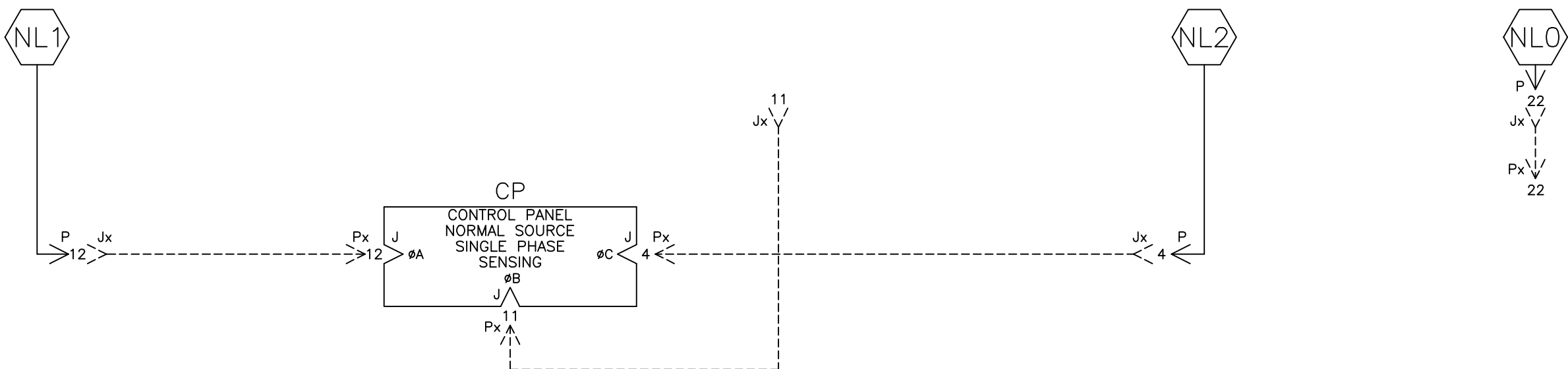
LOAD TERMINAL CIRCUITS

LOAD

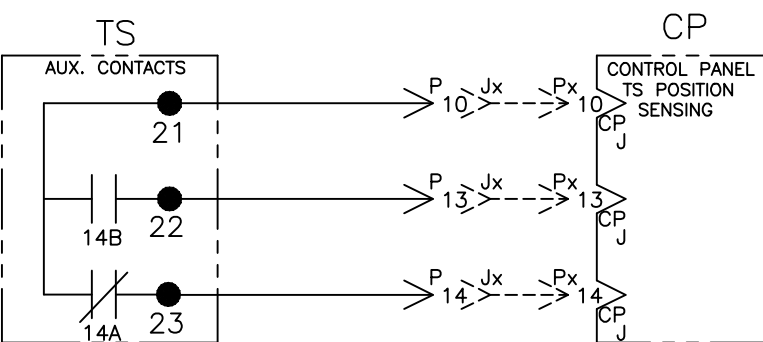


NORMAL SOURCE CIRCUITS

NORMAL



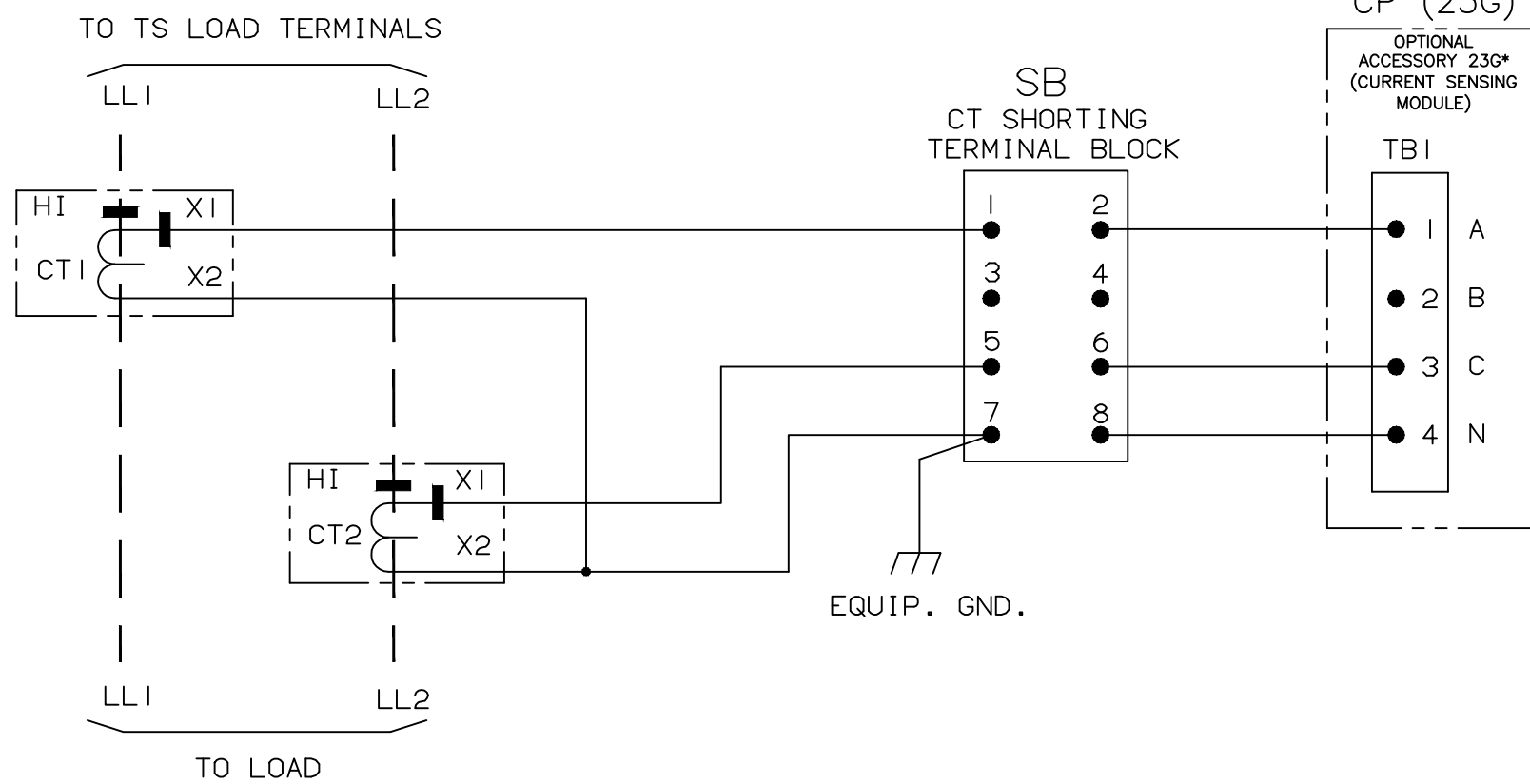
CONTROL CIRCUITS



ADDITIONAL CIRCUITS

OPTIONAL ACCESSORY 23GA (LOAD CURRENT METERING)

CURRENT TRANSFORMER RATIO TABLE	
SWITCH RATING	CT RATIO
800A	800:5A
1000A	1200:5A
1200A	1200:5A



PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
WIRING		DIAGRAM				
300 SERIES (H3ATS/H3NTS) 1PH 800-1200 AMPS						
"H" FRAME, GROUP G CONTROLS						
DRAWN BY	DJB	DATE	12/23/13	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005	ASSEM. REF. NO.	COMPUTER GENERATED DRAWING
CHECKED	BK	DATE	12/23/13	PROPERTY OF ASCO POWER TECHNOLOGIES, USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	SCALE	NONE
PROJECT APPROVAL	BK	DATE	12/23/13		SIZE	DS
FINAL APPROVAL						
ASCOTM ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		DWG. NO.	1001656	ECN NO.	255133	SHEET 4 OF 6



DCBA