



WOODSTOCK POWER - STOCK 2000A

TRANSFER SWITCH SUBMITTAL

REVISION 00

2000A ATS Submittal

TRANSFER SWITCH DETAILS									
ATS NAME	QTY	AMPS / POLES (VOLTS)	BYPASS	TRANSITION TYPE	CATALOG NUMBER	ACCESSORIES	OUTLINE DRAWING	WIRING DIAGRAM	BOM NUMBER
	1	2000 / 3 (208V)	N/A	OPEN	G03AUSA32000CGXM	11BE,44G	754577-050	1001662, 758574	1021166

AC Rating for Service Entrance Rated Units				
ATS NAME	Catalog Number	ATS Ampacity	Square D Breaker Model (Rating)	Fault Current Rating (480V)
	3AUS	1000-2000A	RJF(1000-2000A)	65kA

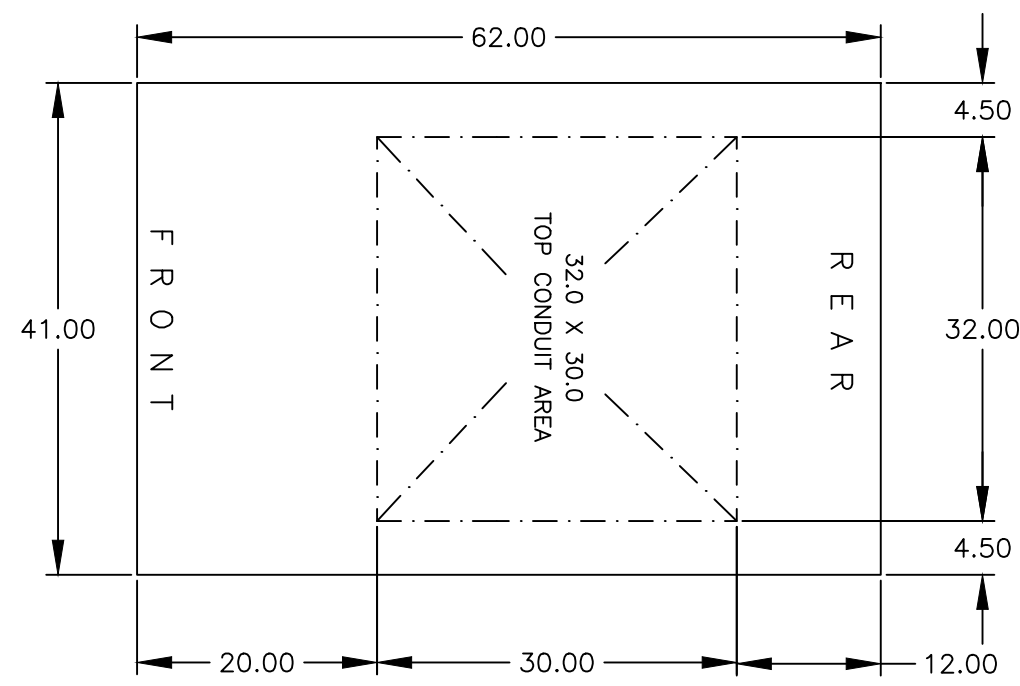
**For Complete Breaker Details refer to Outline Drawing*

2000A ATS Submittal

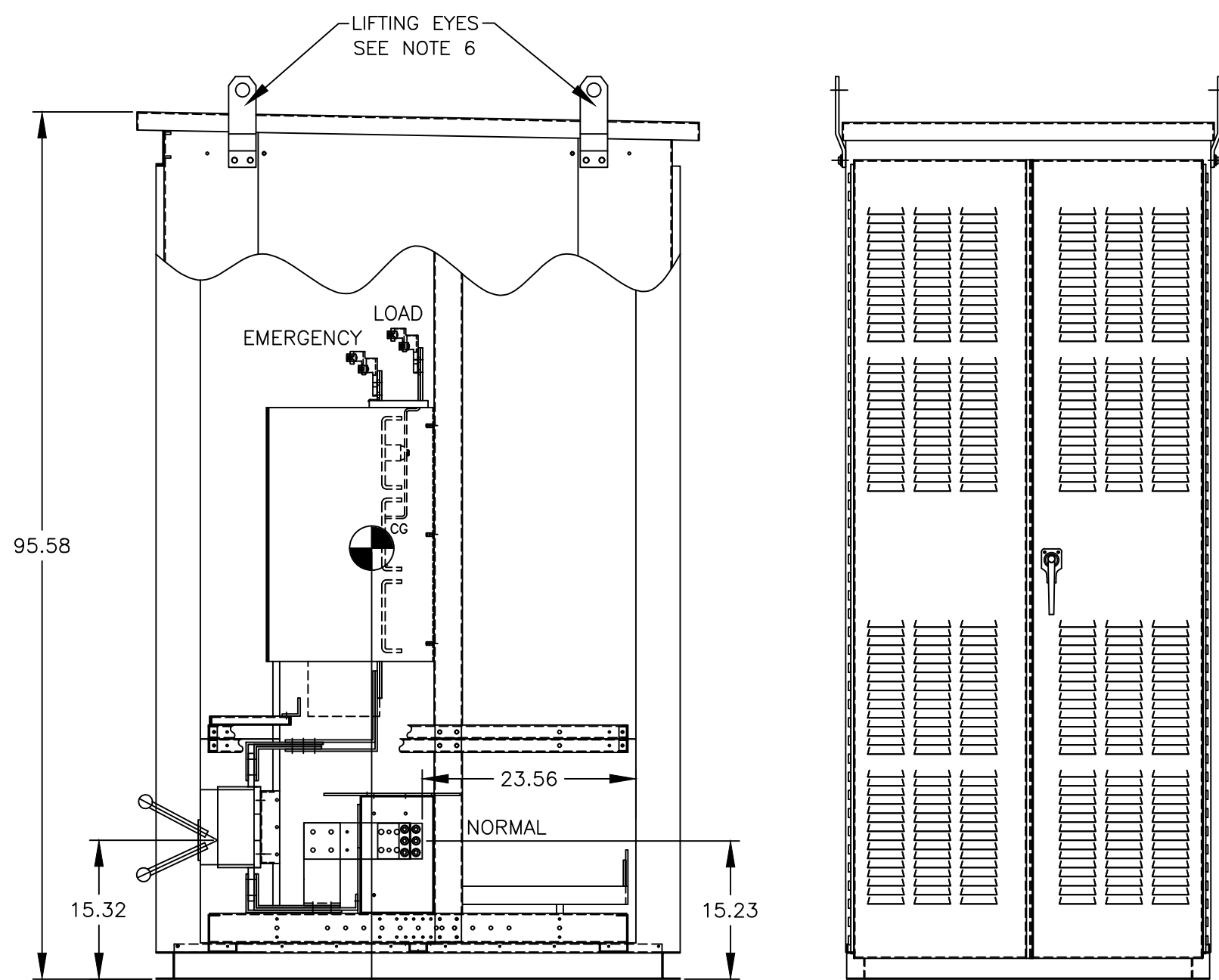
Transfer Switch Details

#1	ATS	AMPS: 2000	QTY: 1
Product	: Series 300	Catalog Number	: G03AUSA32000CGXM
Service Voltage / Hz	: 208V/60Hz	Optional Accessories	: 11BE,44G
Bypass Isolation	: Not Applicable	Product Description	: 300 Series, Automatic Service Entrance Transfer Switch
No. of Switched Poles: 3	: 3	Neutral Configuration	: Solid [A]
Withstand Rating:	: See WCR Table Below	No. of Cables & Lug Size	: See Applicable Outline Drawing
Frame = G, Switch Rating = 2000, Series = 300			
Enclosure	: 3R(M)-UL Type 3R secure double door enclosure (See Disclaimer 3)	Service	: Three Phase, 4-wire
Extended Warranty	: Not Included	Markings	:

#	ACCESSORY DESCRIPTIONS	
	Accessory Code	Description
1	11BE	Adds the following features to the Group G controller: (1) Serial RS-485 Modbus Communications (2) Multi-Schedule Engine Exerciser (3) a 300 Entry Event Log and (4) a common alarm output function. When applied on 3-phase systems it also enables: (1) 3-Phase Emergency Source VLL sensing (2) Phase Rotation Monitoring (3) Emergency Source VLL Unbalance Monitoring.
2	44G	Strip heater w/ thermostat, wired to load terminals: 208-600 volts

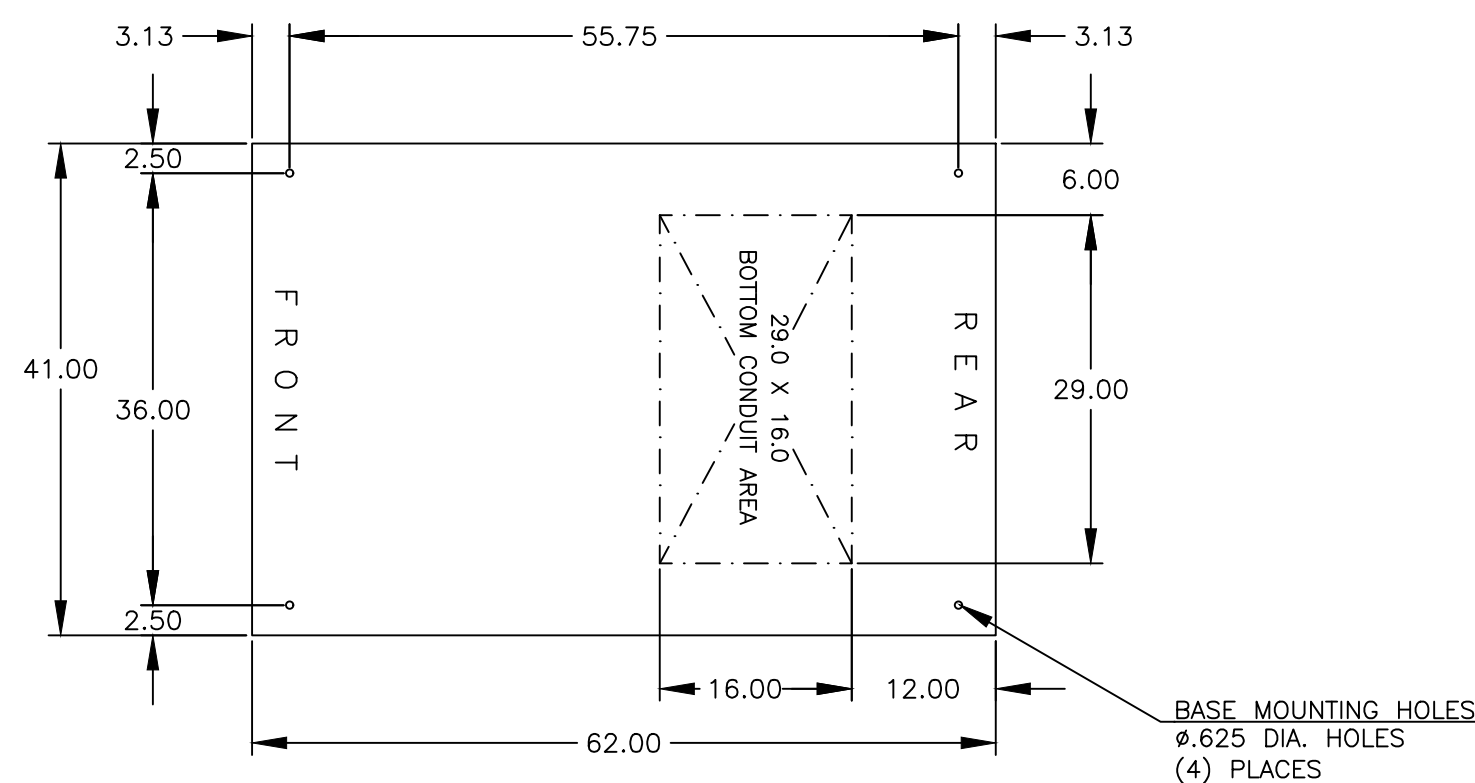


TOP VIEW



RIGHT SIDE VIEW

REAR VIEW



PLAN VIEW

GENERAL NOTES

- FLOOR MOUNTED ENCLOSURE.
TYPE 3R CONSTRUCTED FROM CODE GAUGE STEEL.
FINISH: TYPE 3R, ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
TYPE 3RX EXTERIOR CONSTRUCTED FROM CODE GAUGE STAINLESS STEEL.
(R) EXTERIOR CONSTRUCTED FROM TYPE 304 STAINLESS STEEL.
(S) EXTERIOR CONSTRUCTED FROM TYPE 316 STAINLESS STEEL.
- EXTERIOR DOORS HAVE PADLOCKABLE HANDLES WITH 3-POINT LATCH
- DESIGNED FOR FRONT & REAR ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 38" REAR: 36"
- EXTERIOR VENTS:
1000A - 1600A: NO VENTS.
2000A: VENTS ARE SUPPLIED WITH POLYESTER DUST FILTERS.
- LIFTING PLATES: SECTIONS ARE SUPPLIED WITH LIFTING PLATES. INSPECT PLATES FOR DAMAGE AND TORQUE BOLTS TO 45 FT LBS BEFORE USE. REFER TO ANSI/NEMA PB 2.1 FOR PROPER HANDLING OF EQUIPMENT. AFTER INSTALLATION OF SECTION, REMOVE LIFTING PLATES. REINSTALL BOLTS INTO EXTERIOR HOLES AND TORQUE TO APPROXIMATELY 20 FT LBS.
- CENTER OF GRAVITY
- APPROXIMATE WEIGHT : 2400 lbs

SYSTEM NOTES

- SYSTEM RATING: 1000 AMPS, 1200 AMPS, 1600 AMPS, 2000 AMPS, 3 ϕ , 4W OR 1 ϕ 3W.
SHORT CIRCUIT RATING: 65,000 RMS SYM AMPERES @ 480V.
THE EMERGENCY SOURCE INPUT MUST BE PROTECTED BY A REMOTE OVERCURRENT PROTECTION DEVICE AS LISTED ON THE MARKINGS ON THE TRANSFER SWITCH.
- ALL BUS IS SILVER-PLATED COPPER, BASED ON 1000A PER SQ. IN. DENSITY.
- GROUND: 20% RATED.
- NEUTRAL: 100% RATED.
- APPLICABLE LABEL(S): U.L. 891, SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.

TRANSFER SWITCH

- G FRAME AUTOMATIC TRANSFER SWITCH.
- TRANSFER SWITCH RATING: 1000 AMPS, 1200 AMPS, 1600 AMPS AND 2000 AMPS.
SHORT CIRCUIT RATING WHEN PROTECTED BY A CIRCUIT BREAKER
TIME RESPONSE, MAXIMUM 0.05 SECONDS: 65,000 RMS SYM @ 480V.
- A FULL RATED NEUTRAL CONNECTION FOR EACH SOURCE AND THE LOAD IS OPTIONAL. WHEN PROVIDED IT IS IN ONE OF THE FOLLOWING FORMATS.
A. SOLID NEUTRAL
B. SWITCHED NEUTRAL POLE
C. OVERLAPPING NEUTRAL POLE
- UL 1008

TERMINATIONS 1000A - 1200A

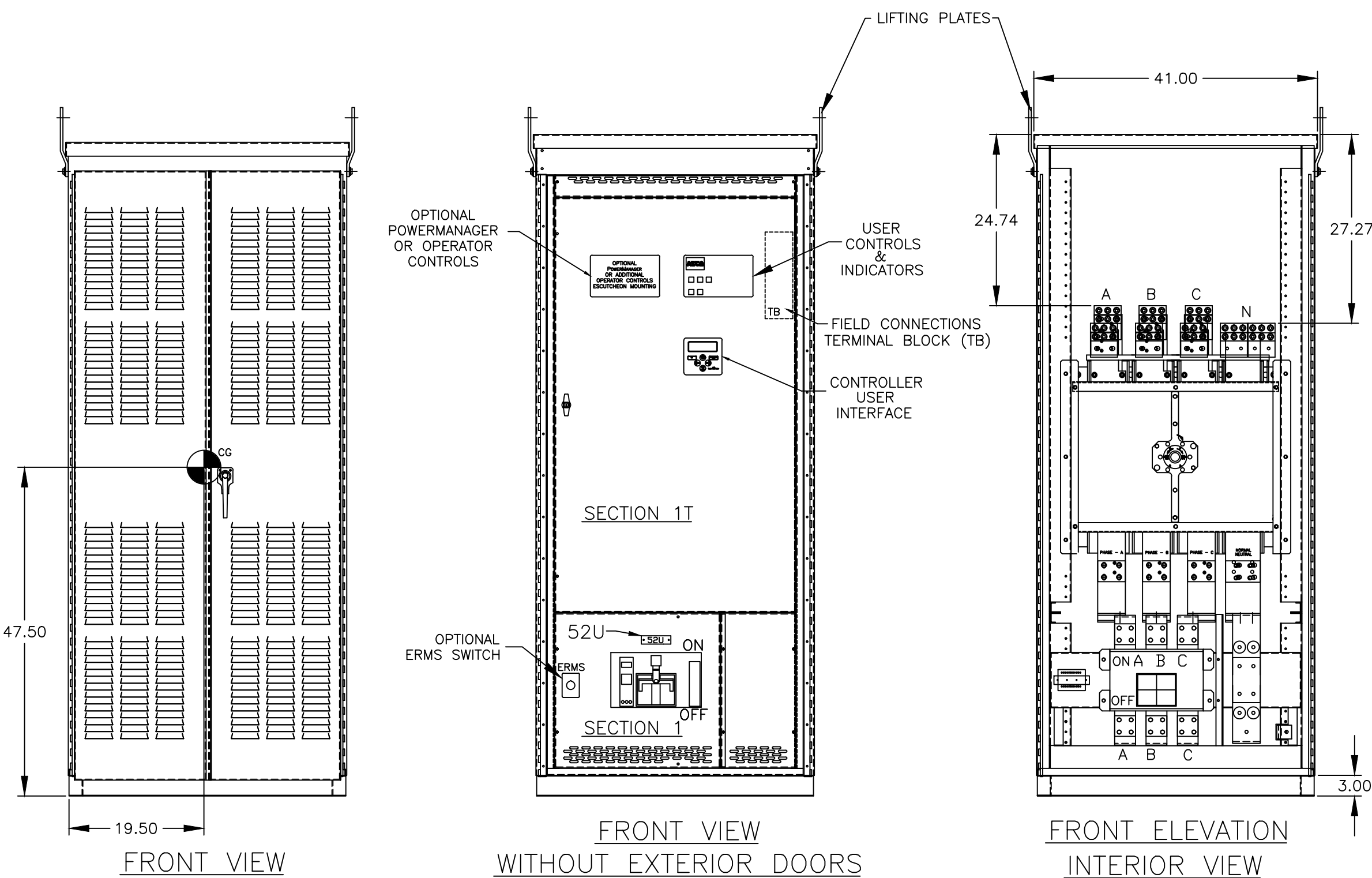
- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS FOR CU/AL CABLE.
NORMAL: (4) 1/0 - 600MCM PER PHASE & NEUTRAL
LOAD: (4) 1/0 - 600MCM PER PHASE & NEUTRAL
EMERGENCY: (4) 1/0 - 600MCM PER PHASE & NEUTRAL
GROUND: (12) 1/0 - 600MCM
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
- OPTIONAL LUGS MAY BE SUPPLIED.

TERMINATIONS 1600A - 2000A

- SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS FOR CU/AL CABLE.
NORMAL: (6) 1/0 - 600MCM PER PHASE & NEUTRAL
LOAD: (6) 1/0 - 600MCM PER PHASE & NEUTRAL
EMERGENCY: (6) 1/0 - 600MCM PER PHASE & NEUTRAL
GROUND: (18) 1/0 - 600MCM
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
- OPTIONAL LUGS MAY BE SUPPLIED.

CIRCUIT BREAKER: ITEM 52U

- SQUARE "D" 80% RATED, TYPE 'RJF' 3000AF/1000AT, 3000AF/1200AT, 3000AF/1600AT (P/N RJF36160U44A) OR 3000AF/2000AT (P/N RJF36200U44A)
STATIONARY MOUNTED, MANUALLY OPERATED BREAKER WITH LONG DELAY, SHORT DELAY, INSTANTANEOUS AND GROUND FAULT TRIP SETTINGS.
SHORT CIRCUIT RATING: AIC 65,000 RMS SYS @ 480V.
- OPTIONAL 100% RATED BREAKER MAY BE SUPPLIED.
- OPTIONAL ENERGY REDUCTION MAINTENECE SETTING MAY BE SUPPLIED
- U.L. 489

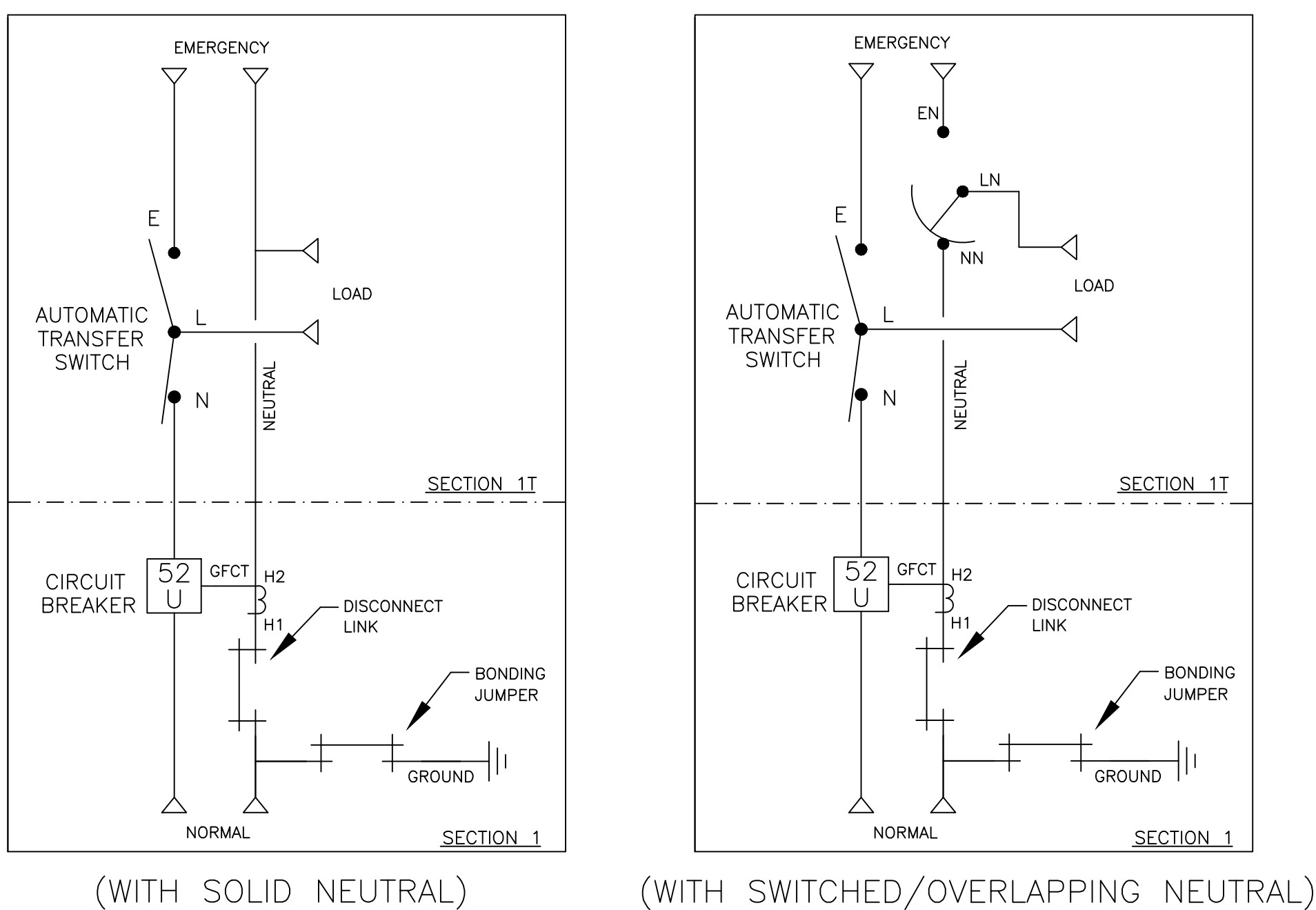


FRONT VIEW

FRONT VIEW WITHOUT EXTERIOR DOORS

FRONT ELEVATION INTERIOR VIEW

ONE LINE DIAGRAMS

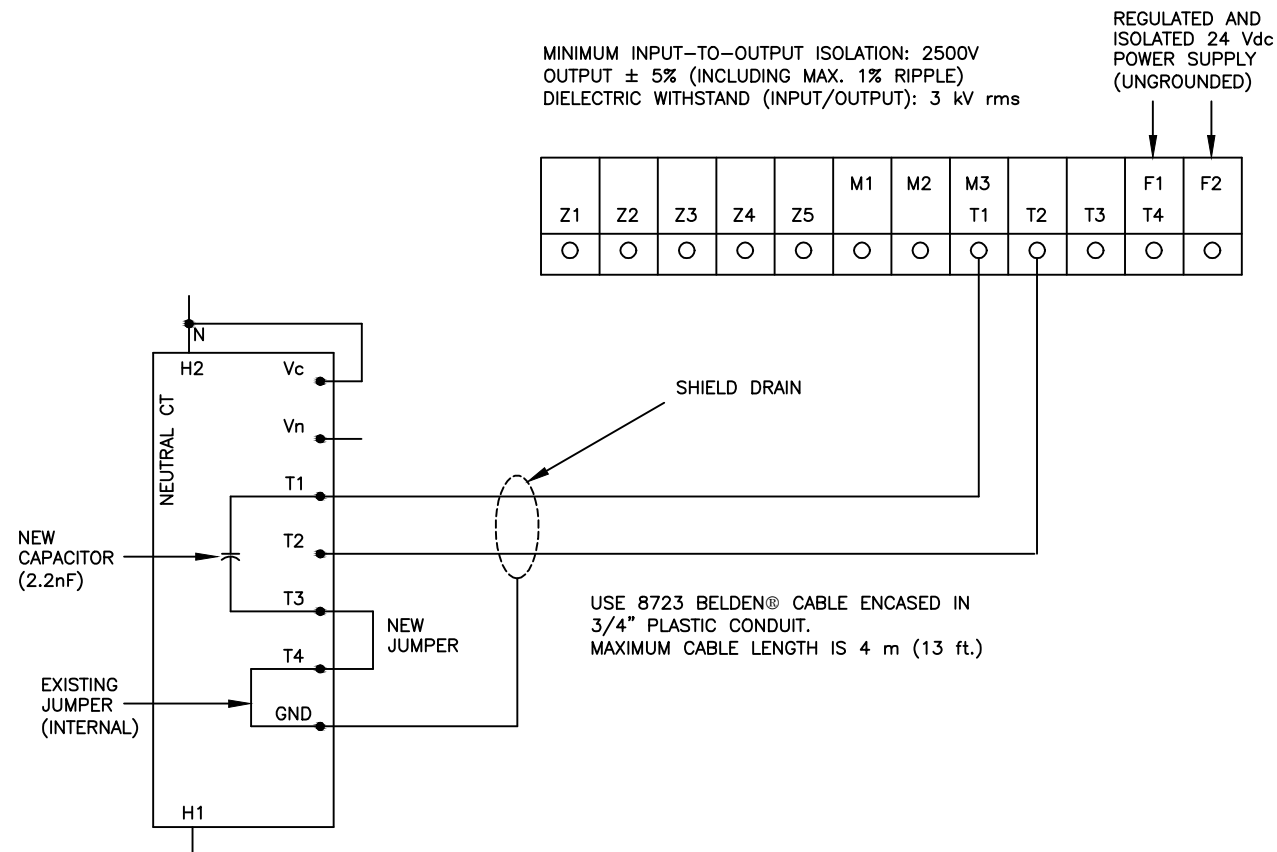


(WITH SOLID NEUTRAL)

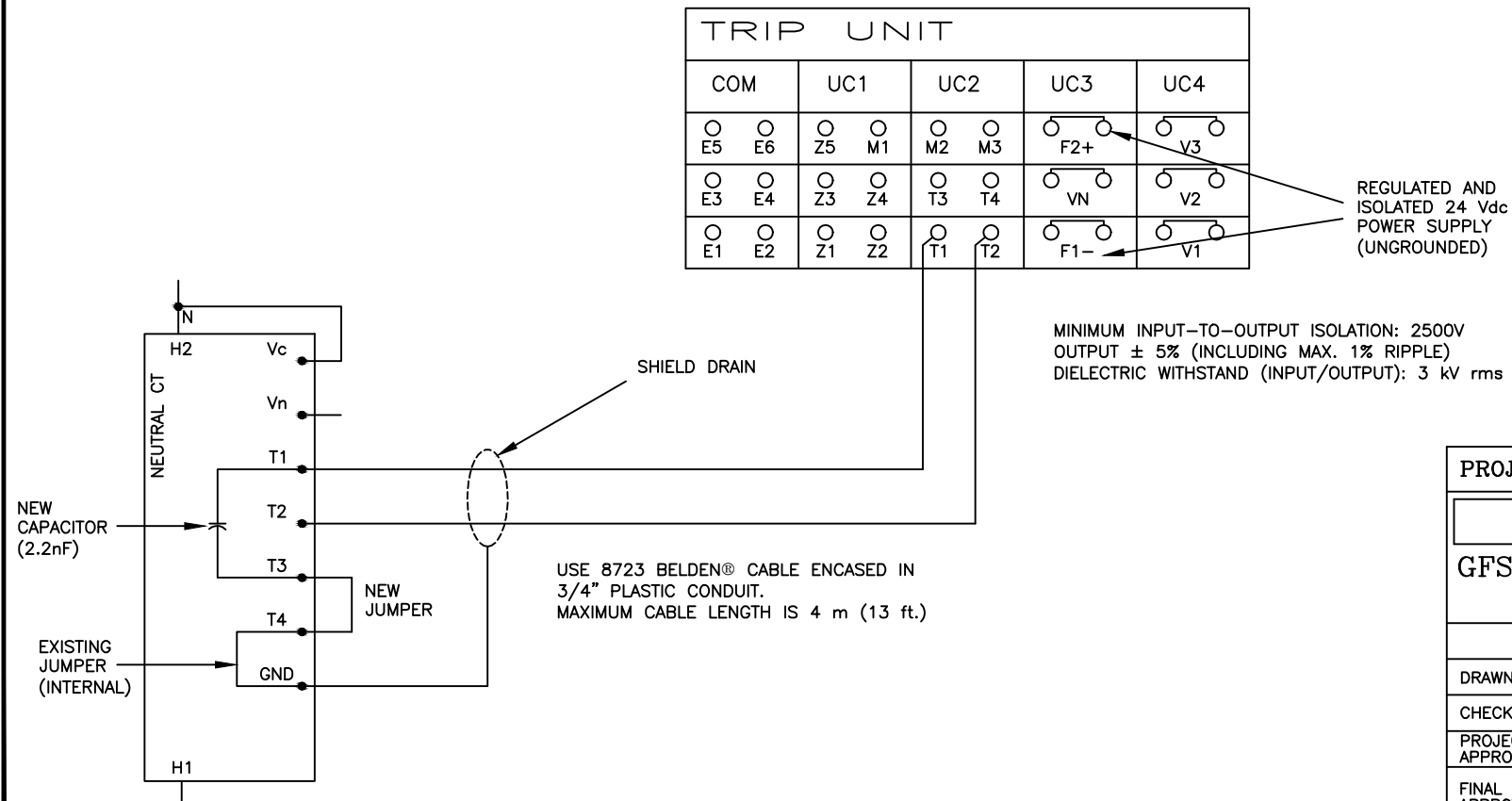
(WITH SWITCHED/OVERLAPPING NEUTRAL)

REV. TO SHEET	ECN NO.	BY	APP.	DATE
N	306943	SG	MCH	01/10/24
M	304406	PG	MCH	07/12/23
PROJECT NAME:				
OUTLINE				
MOUNTING				
GAUS 1000A - 2000A, RJF SE BREAKER				
TYPE 3R/3RX 95.5 X 41 X 62 SECTION 1 & 1T				
DRAWN 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	12/26/13			SCALE NONE SIZE DS
PROJECT APPROVAL		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		DWG. NO. 754577-050
FINAL APPROVAL		ASCO ASCO POWER TECHNOLOGIES, LP. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		DRAWING N ECN NO. 306943 SHEET 1 OF 1

WIRING SCHEMATIC FOR POWERPACT P- & R-FRAME CIRCUIT BREAKERS



WIRING SCHEMATIC FOR 800-3000 A NT/NW CIRCUIT BREAKERS



F	257650	TRD	MM	10/23/15
	SEE ECN			
E	227403	TRD	WK	05/13/10
	SEE ECN			
D	226452	AE	BK	03/16/10
	SEE ECN			
C	223197	DAJ	BK	10/20/09
	SEE ECN			
B	211947	MJB	BK	2/7/07
	SEE ECN			
-	167055	CC	BK	05/13/04
	ISSUE			

PROJECT NAME: _____

GFS CIRCUITRY.

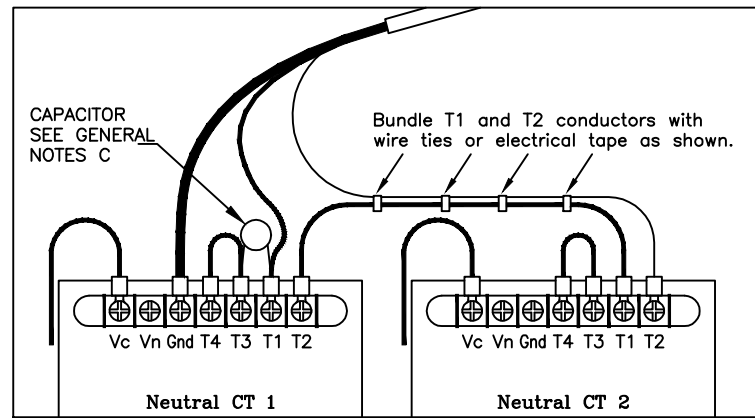
REV. TO SHEET	ECN NO.	BY	APP.	DATE

THIRD ANGLE PROJECTION

DRAWN BY	CC	DATE	05/13/04	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055	ASSEM. REF. NO.
CHECKED	BK	DATE	05/13/04		
PROJECT APPROVAL	BK	DATE	05/13/04	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
FINAL APPROVAL				ASCO® ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.	

COMPUTER GENERATED DRAWING	
SCALE	SIZE BS
DWG. NO. 758574	
DRAWING REV. F	ECN NO. 257650 SHEET 1 OF 2

WIRING SCHEMATIC FOR 3200-6000 A NW CIRCUIT BREAKERS

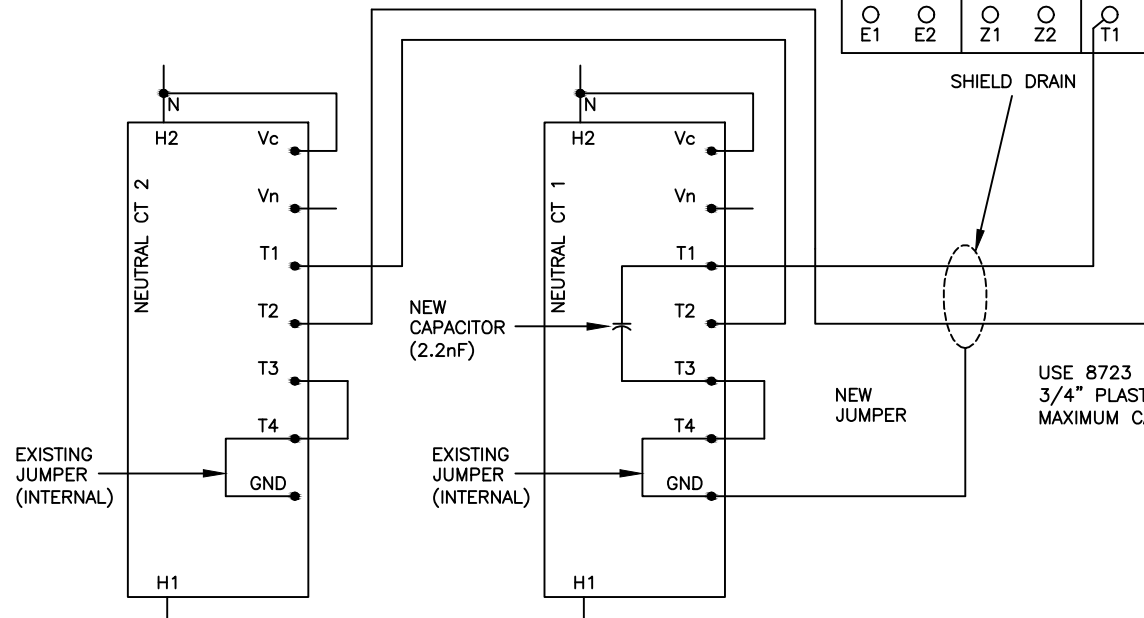


TRIP UNIT									
COM		UC1		UC2		UC3		UC4	
○ E5	○ E6	○ Z5	○ M1	○ M2	○ M3	○ F2+	○ V3	○ V1	○ V2
○ E3	○ E4	○ Z3	○ Z4	○ T3	○ T4	○ VN	○ V2	○ V1	○ V2
○ E1	○ E2	○ Z1	○ Z2	○ T1	○ T2	○ F1-	○ V1	○ V1	○ V2

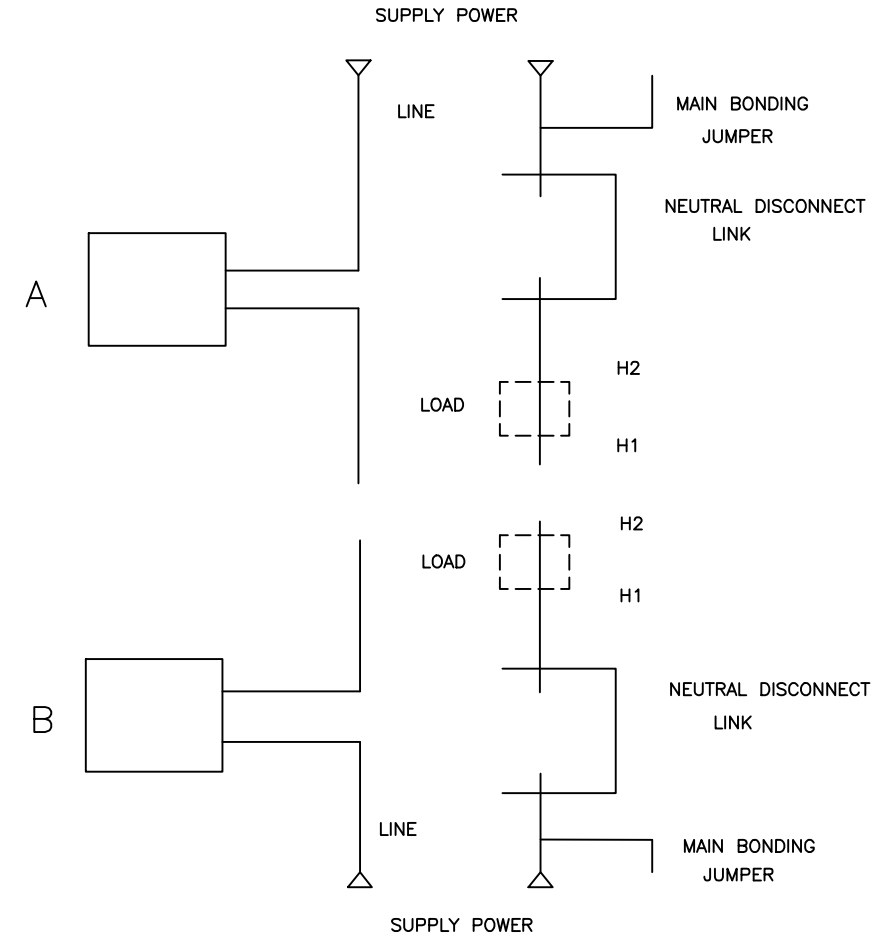
REGULATED AND ISOLATED 24 Vdc POWER SUPPLY (UNGROUND)

MINIMUM INPUT-TO-OUTPUT ISOLATION: 2500V
OUTPUT ± 5% (INCLUDING MAX. 1% RIPPLE)
DIELECTRIC WITHSTAND (INPUT/OUTPUT): 3 kV rms

USE 8723 BELDEN® CABLE ENCASED IN 3/4" PLASTIC CONDUIT.
MAXIMUM CABLE LENGTH IS 4 m (13 ft.)



LINE DIAGRAM FOR NW BREAKER



F	257650	TRD	MM	10/23/15
	SEE ECN			
E	227403	TRD	WK	05/13/10
	SEE ECN			
D	226452	AE	BK	03/16/10
	SEE ECN			
C	223197	DAJ	BK	10/20/09
	SEE ECN			
B	211947	MJB	BK	2/7/07
	SEE ECN			
-	167055	CC	BK	05/13/04
	ISSUE			

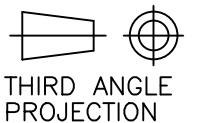
GENERAL NOTES

- IF LOAD IS CONNECTED TO LOWER END OF CIRCUIT BREAKER, CONNECT THE LOAD NEUTRAL TO THE H1 END OF THE NEUTRAL CURRENT TRANSFORMER.
- IF SUPPLY POWER IS CONNECTED TO THE LOWER END OF THE CIRCUIT BREAKER, CONNECT THE SUPPLY NEUTRAL TO THE H1 END OF THE NEUTRAL CURRENT TRANSFORMER.
- CAPACITOR 2.2NF IS PROVIDED WITH CIRCUIT BREAKER.

PROJECT NAME:

REV. TO SHEET	ECN NO.	BY	APP.	DATE

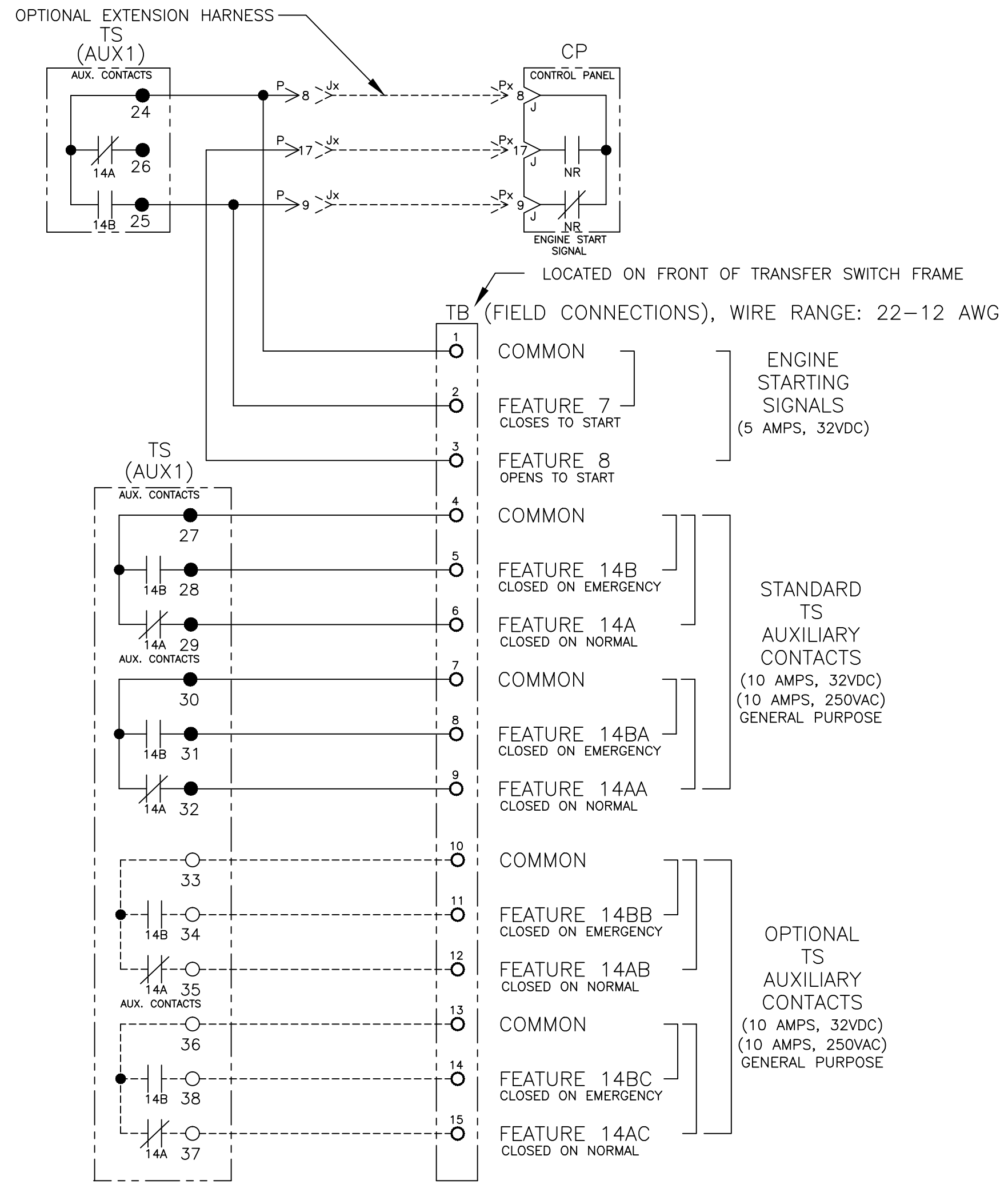
GFS CIRCUITRY.



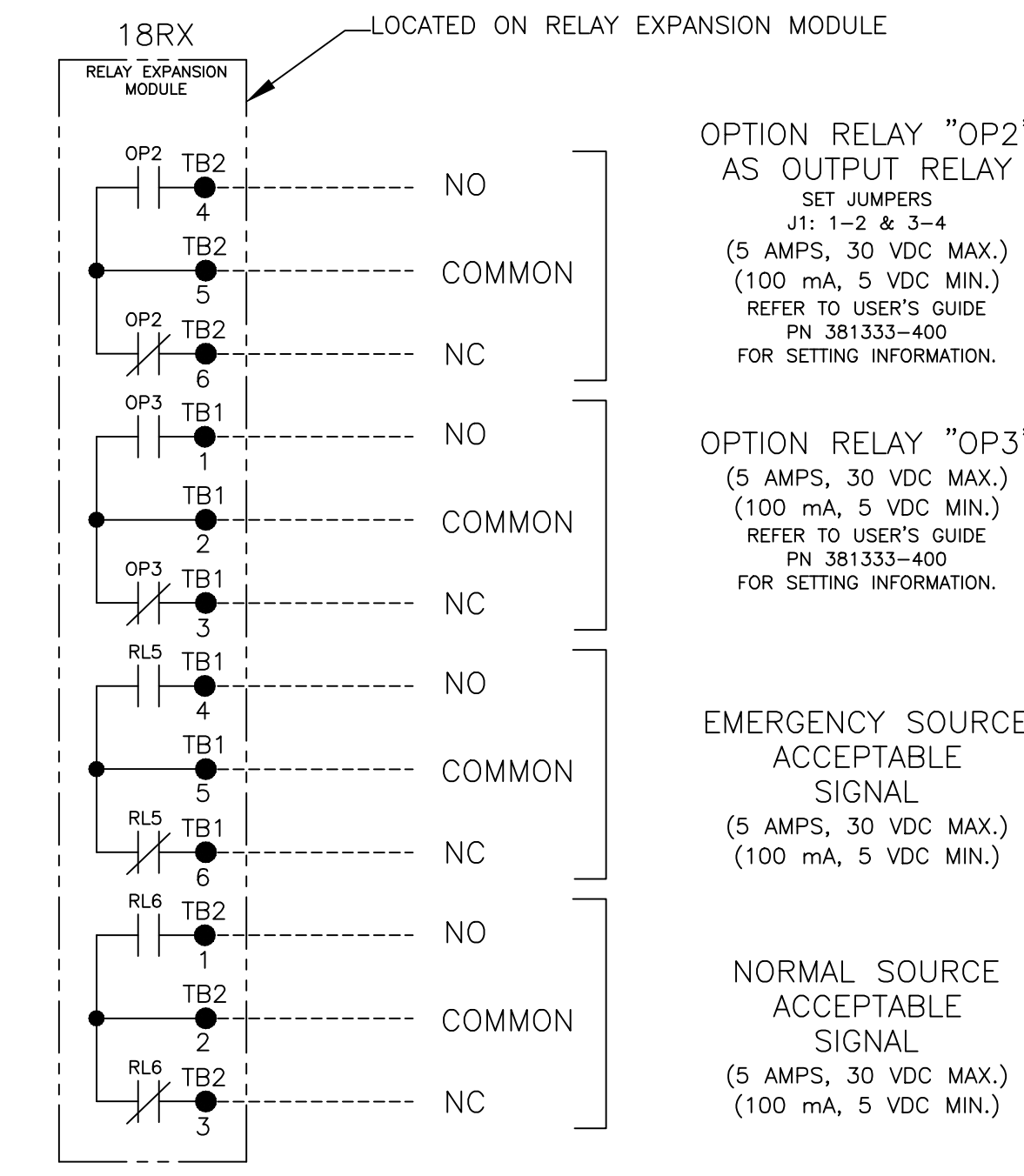
DRAWN BY	CC	DATE	05/13/04	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055	ASSEM. REF. NO.	COMPUTER GENERATED DRAWING				
CHECKED	BK	DATE	05/13/04	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		SCALE	SIZE	BS		
PROJECT APPROVAL	BK	DATE	05/13/04			DWG. NO.	758574			
FINAL APPROVAL						DRAWING REV.	ECN NO.	257650	SHEET	2 OF 2

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FLORHAM PARK, NEW JERSEY 07932 U.S.A.

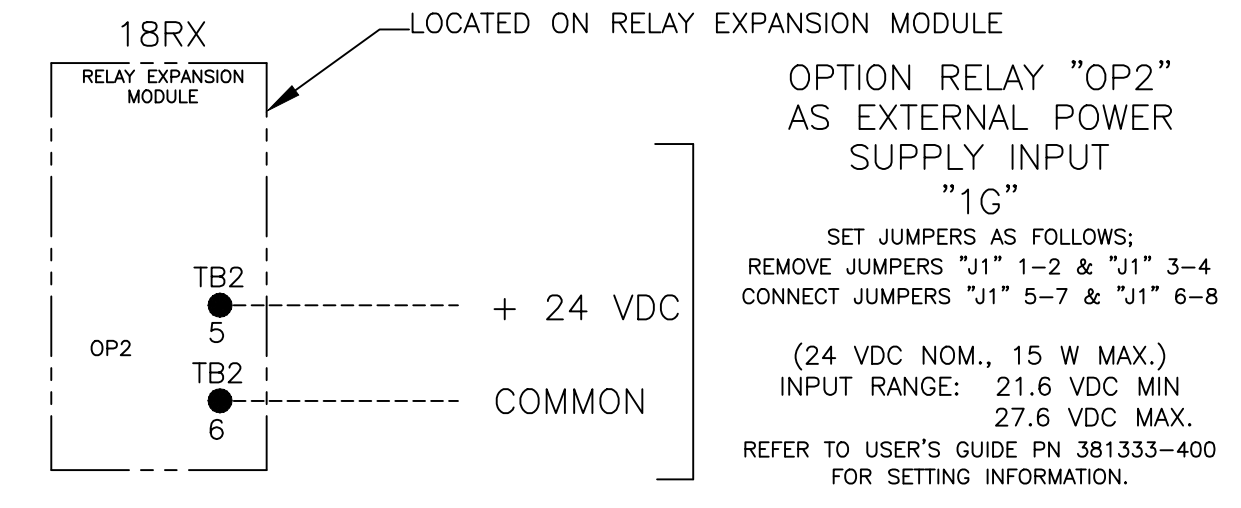
FIELD CONNECTIONS



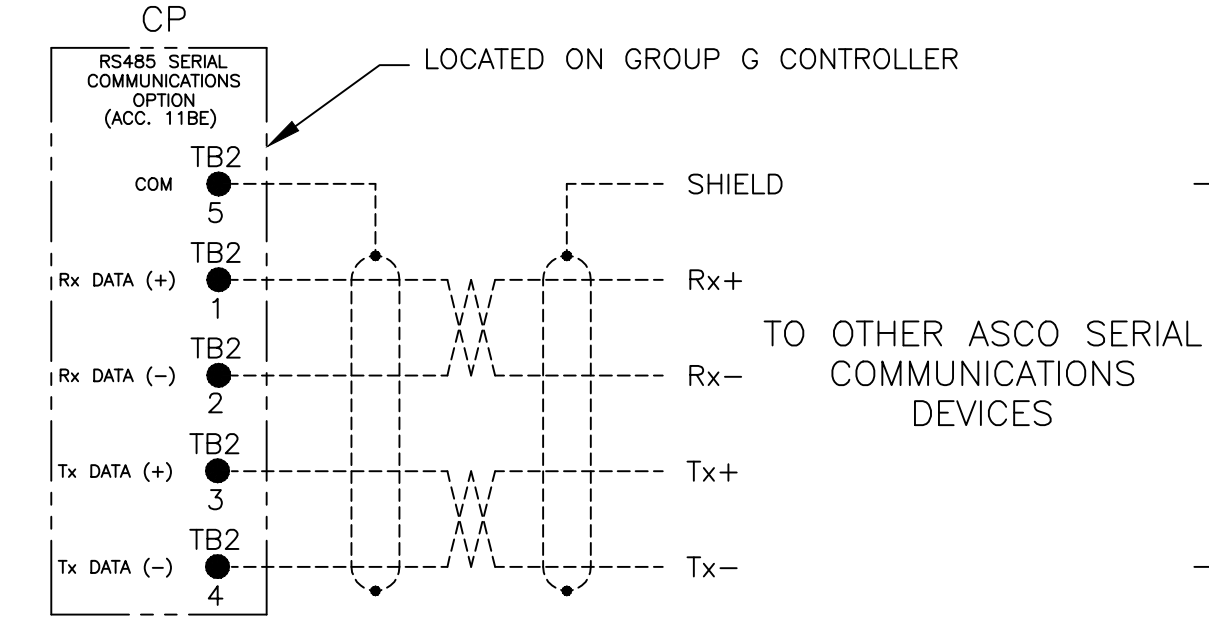
OPTIONAL ACCESSORY 18RX (RELAY EXPANSION MODULE)



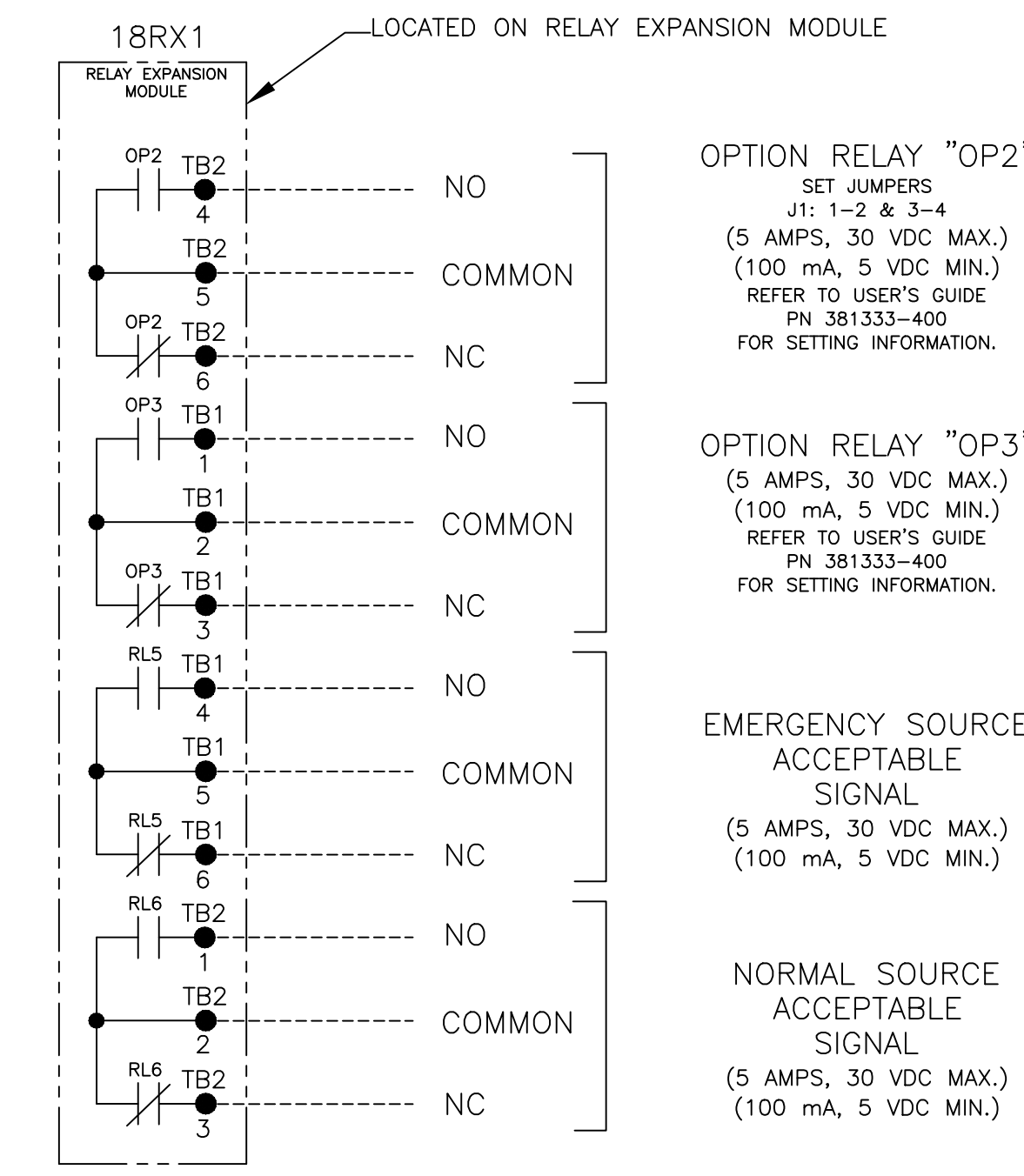
"OP2" OPTIONAL USES



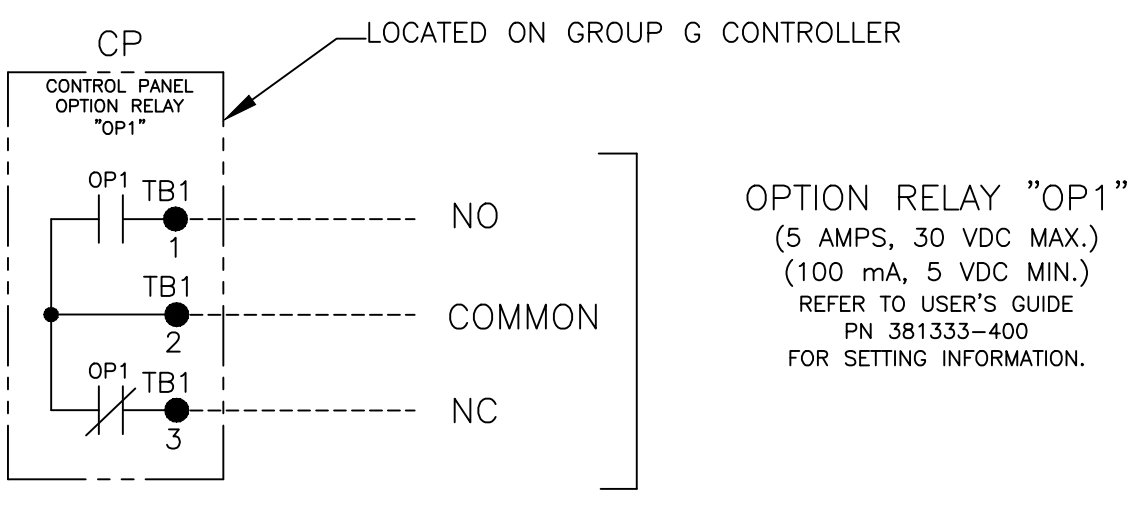
RS485 SERIAL COMMUNICATIONS OPTION
AVAILABLE WITH OPTIONAL ACCESSORY 11BE: ADVANCED-FUNCTION SOFTWARE BUNDLE
REFER TO USER'S GUIDE PN 381333-400 FOR SETTING INFORMATION.



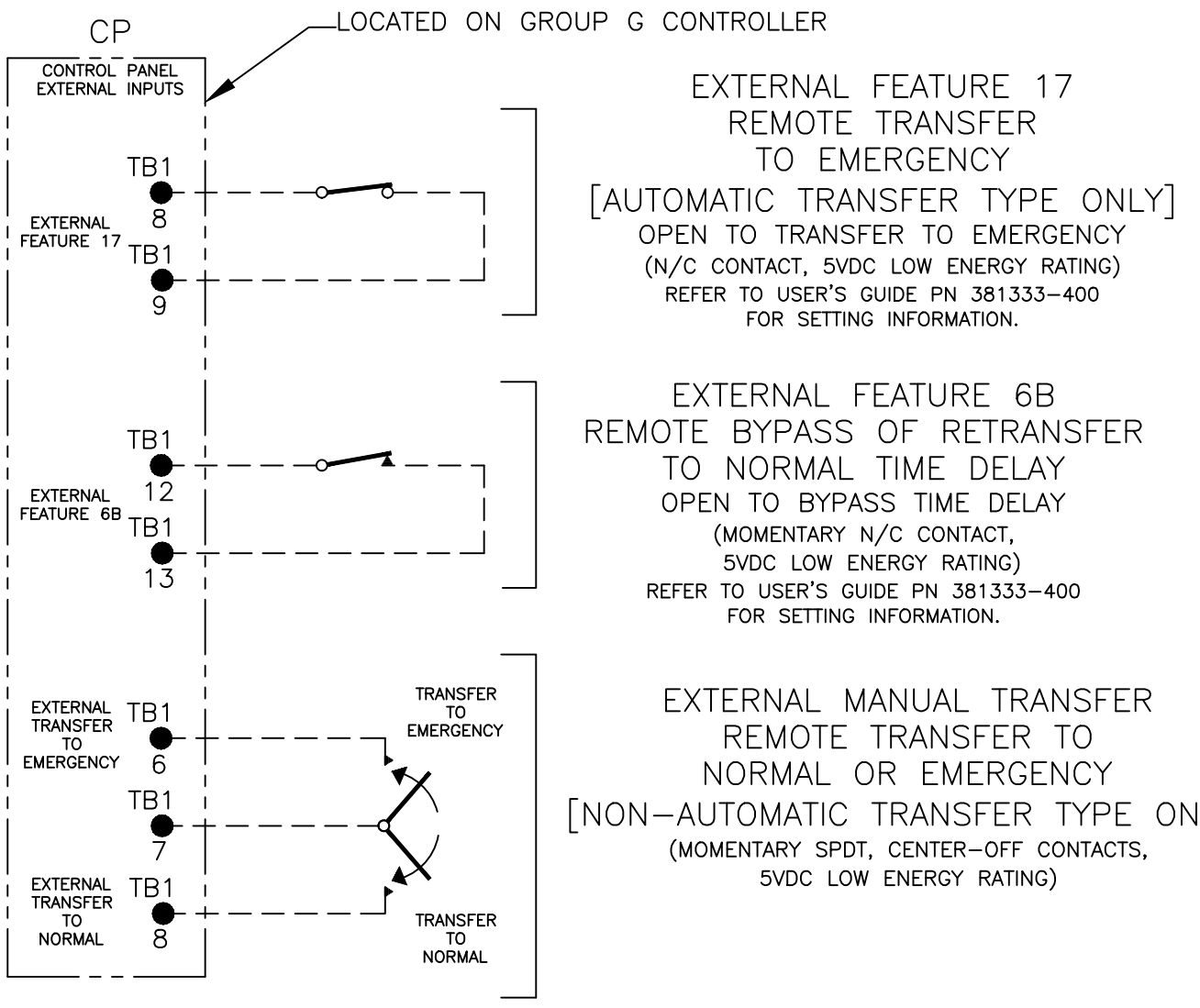
OPTIONAL ACCESSORY 18RX1 (SECOND RELAY EXPANSION MODULE)



CONTROLLER OPTION RELAY "OP1" (STANDARD)



CONTROLLER REMOTE CONTROL FEATURES



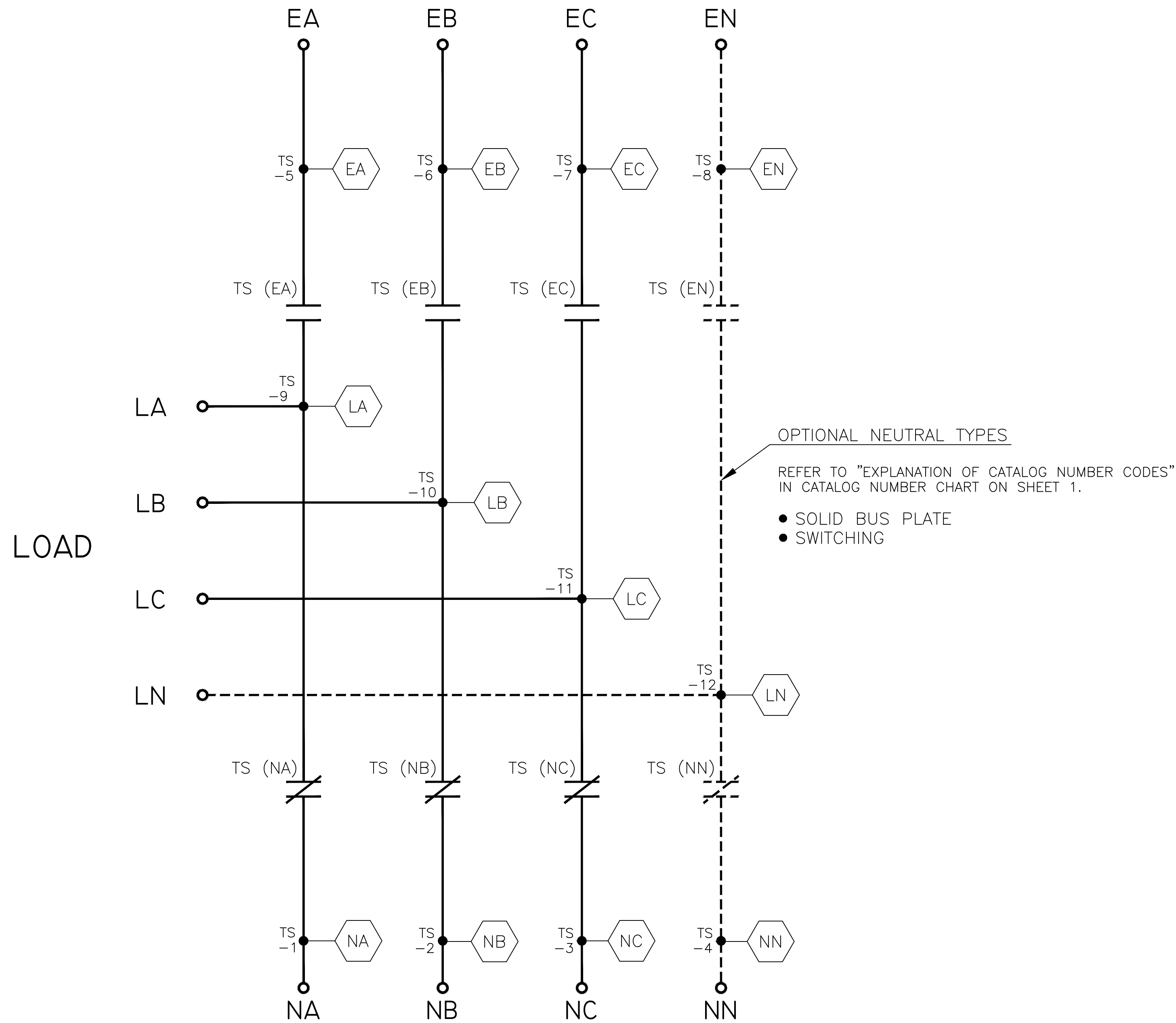
PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
WIRING DIAGRAM		J	275211	TR	BK	10/15/18
300 SERIES (G3ATS/G3NTS) 3PH 1000-3200 AMPS		H	265313	TR	BK	1/31/17
"G" FRAME, GROUP G CONTROLS		G	254970	TR	BK	05/26/15
MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055.		SCALE: NONE		SIZE: DS		COMPUTER GENERATED DRAWING
PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		DWG. NO. 1001662		SHEET 2 OF 7		REV. J
ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		ECN NO. 275211		REV. J		

MAIN POWER POLES

TS OPERATOR CIRCUIT

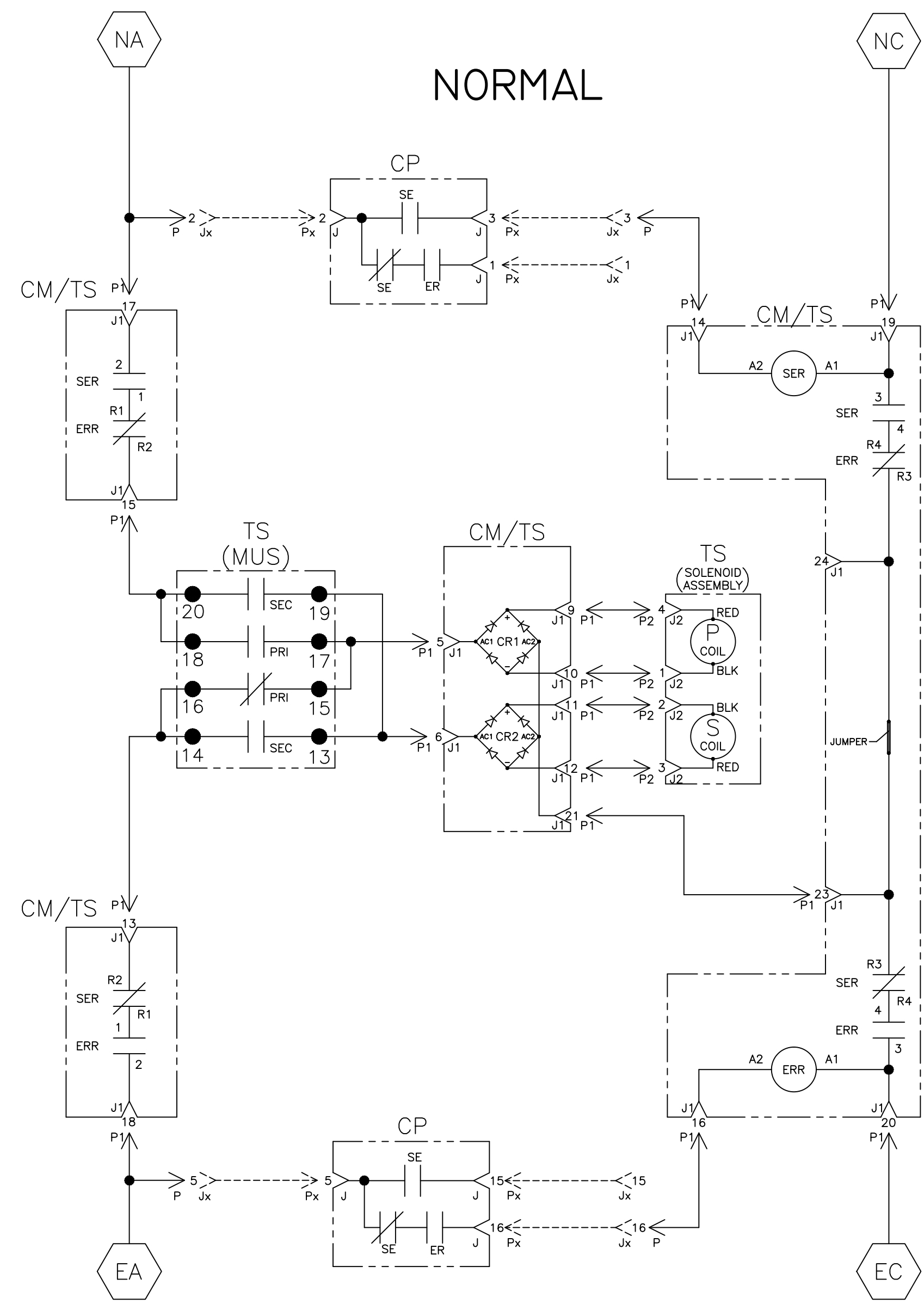
EMERGENCY

NORMAL



OPTIONAL NEUTRAL TYPES
 REFER TO "EXPLANATION OF CATALOG NUMBER CODES" IN CATALOG NUMBER CHART ON SHEET 1.
 • SOLID BUS PLATE
 • SWITCHING

NOTE:
 ATS/NTS SHOWN CLOSED ON NORMAL SOURCE.



EMERGENCY

TS (MUS) CONTACTS		SOLENOID POSITION				
MUS		NORM	>	AFTER TDC	<	EMER
13-14						
15-16						
17-18						
19-20						

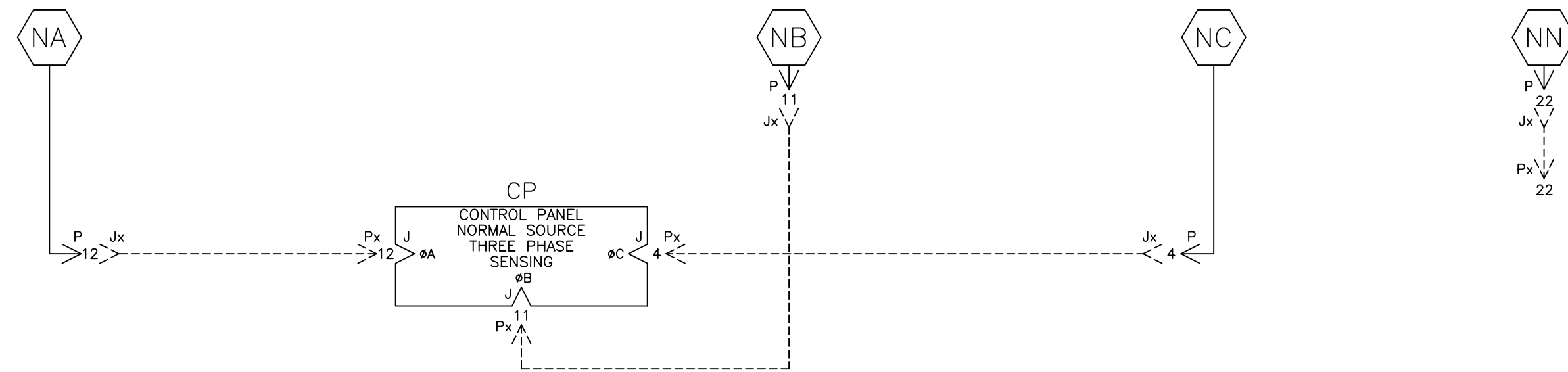
* AFTER SOLENOID PASSES THROUGH TOP DEAD CENTER POSITION.

PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
WIRING DIAGRAM						
300 SERIES (G3ATS/G3NTS) 3PH 1000-3200 AMPS						
"G" FRAME, GROUP G CONTROLS						
DRAWN 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	DATE	PROPERTY OF ASCO POWER TECHNOLOGIES, USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		SCALE	SIZE	DS
PROJECT APPROVAL	DATE			DWG. NO. 1001662		
FINAL APPROVAL	DATE			DRAWING J ECN NO. 275211 SHEET 3 OF 7		

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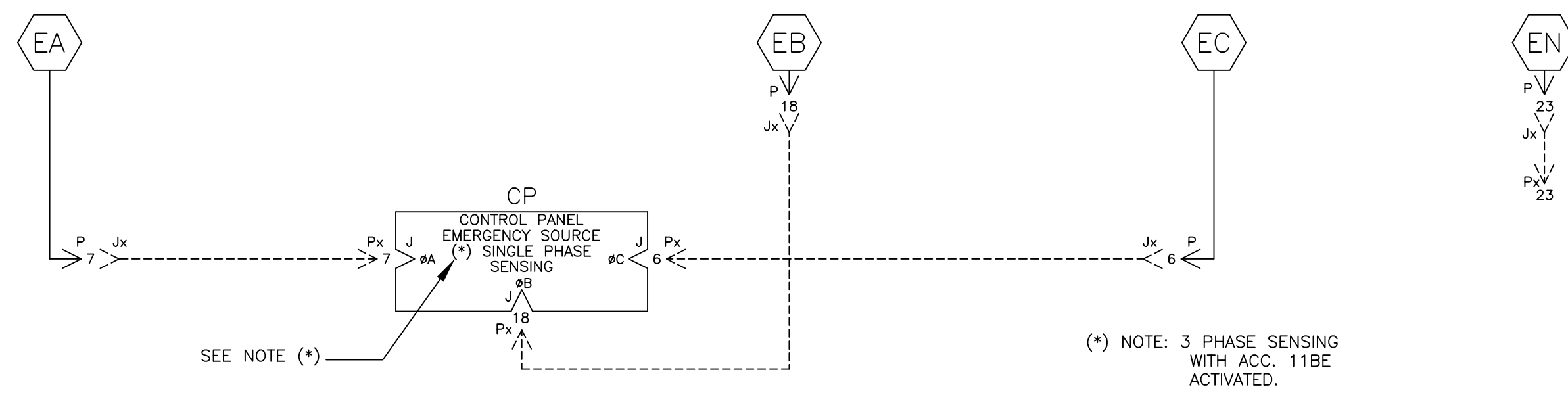
NORMAL SOURCE CIRCUITS

NORMAL



EMERGENCY SOURCE CIRCUITS

EMERGENCY

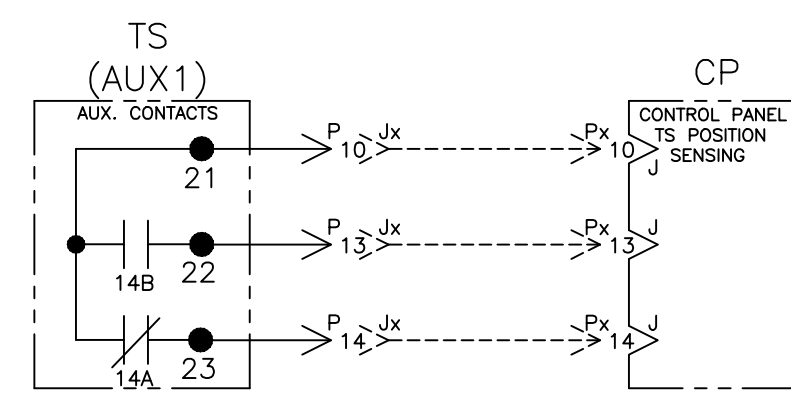


LOAD TERMINAL CIRCUITS

LOAD



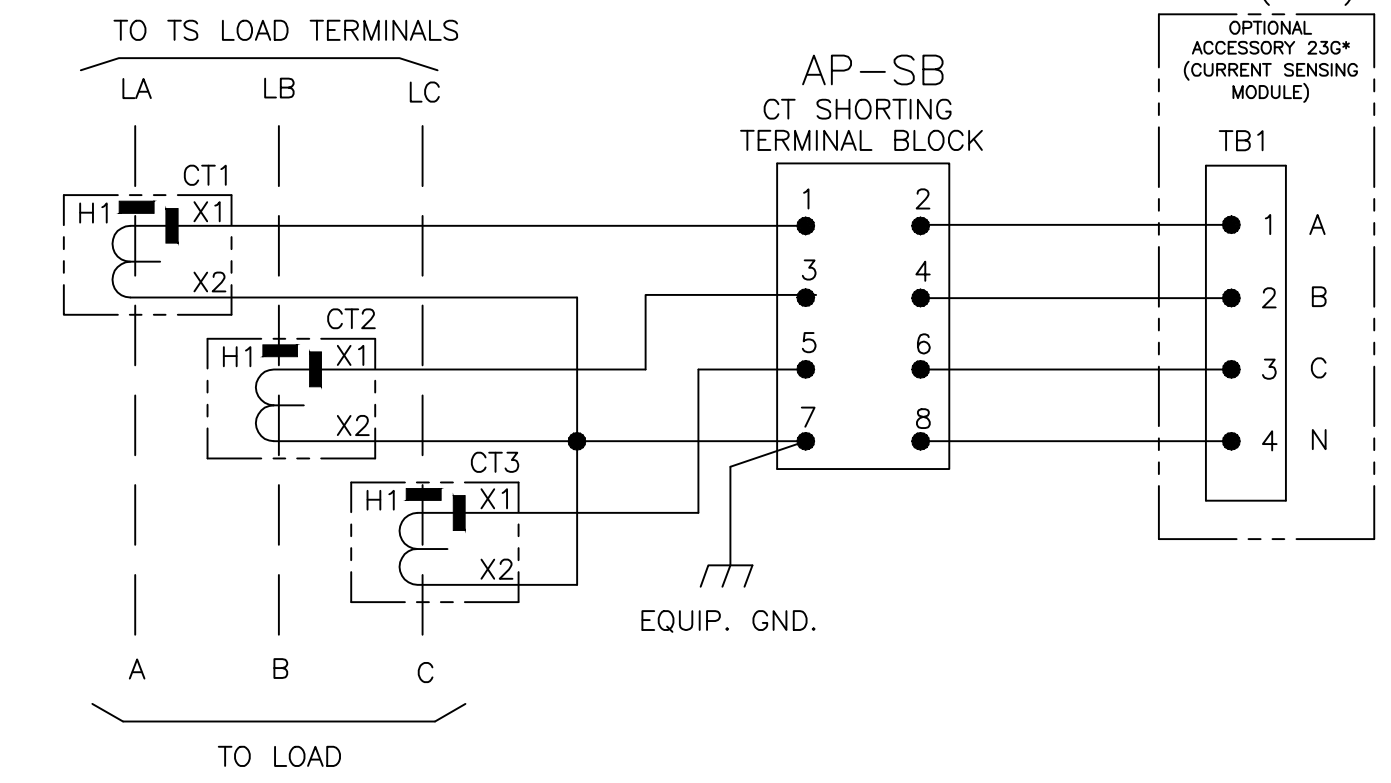
CONTROL SIGNALS & INDICATION



ADDITIONAL CIRCUITS

OPTIONAL ACCESSORY 23GB (LOAD CURRENT METERING)

SWITCH RATING	CT RATIO
1000A	1200:5A
1200A	
1600A	
2000A	2000:5A
2600A	
3000A	3000:5A
3200A	4000:5A



J	275211	TR	BK	10/15/18
	SEE ECN			
H	265313	TR	BK	1/31/17
	SHT 4 SINGLE PHASE EMGR.			
G	254970	TR	BK	05/26/15
	SEE ECN			

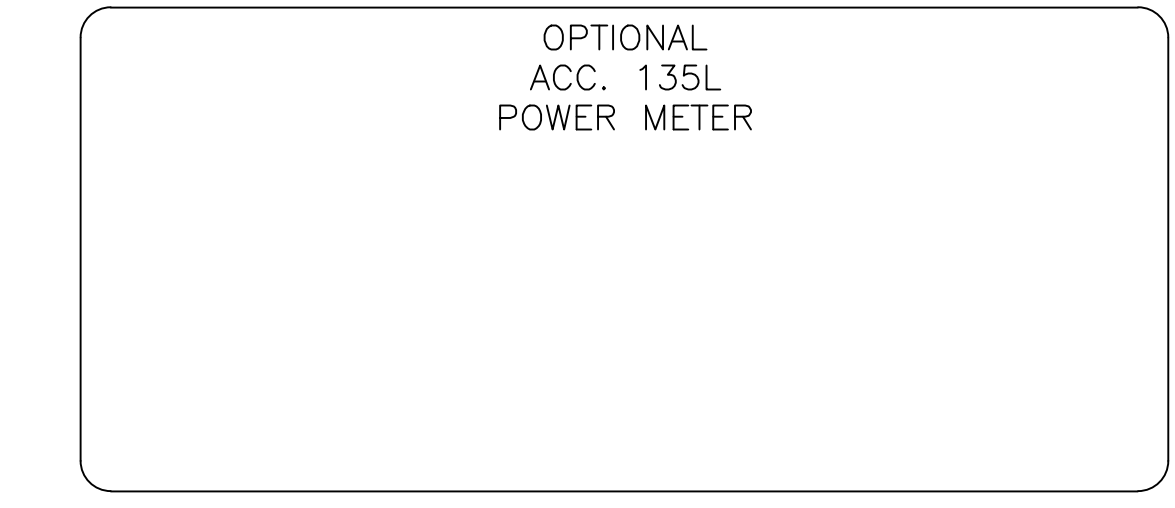
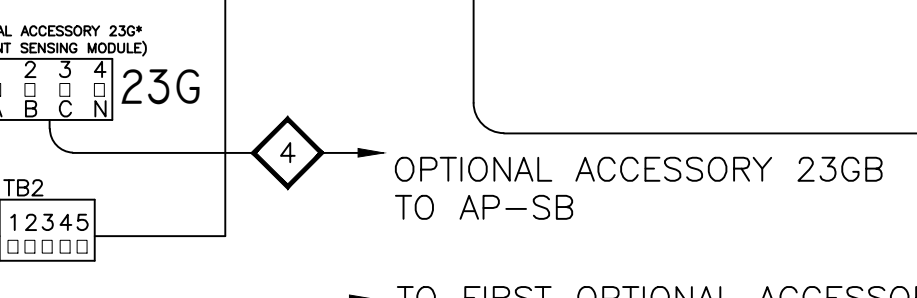
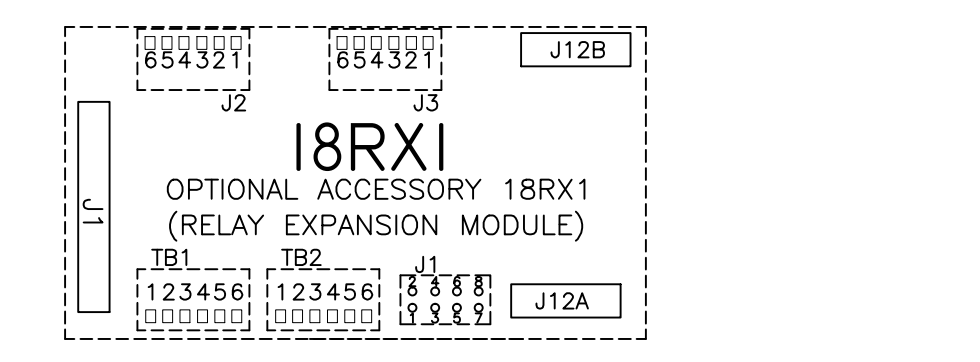
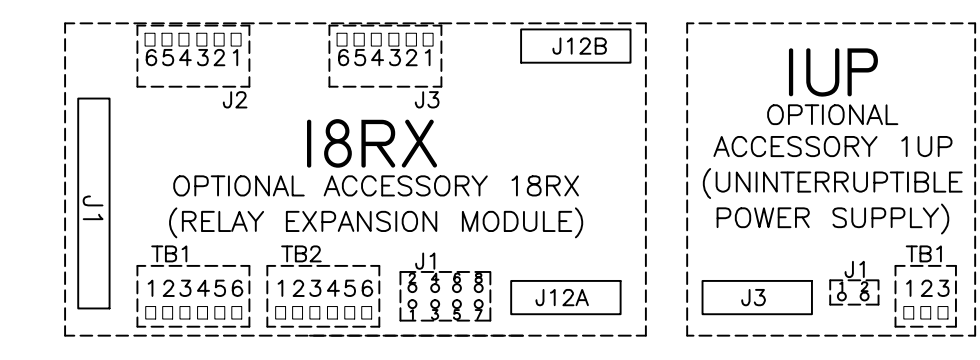
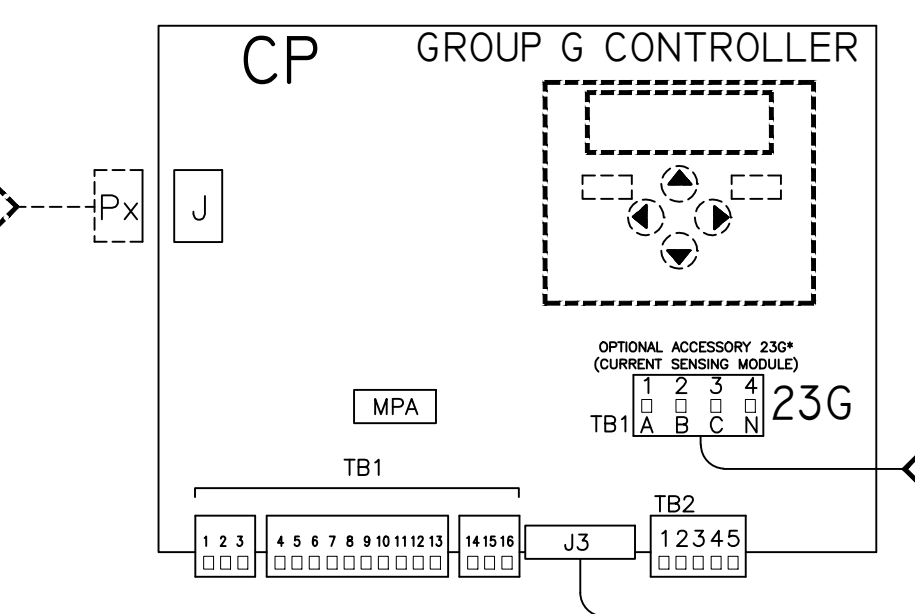
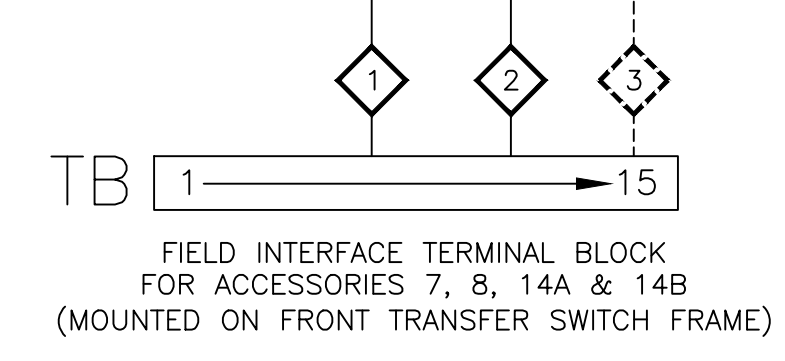
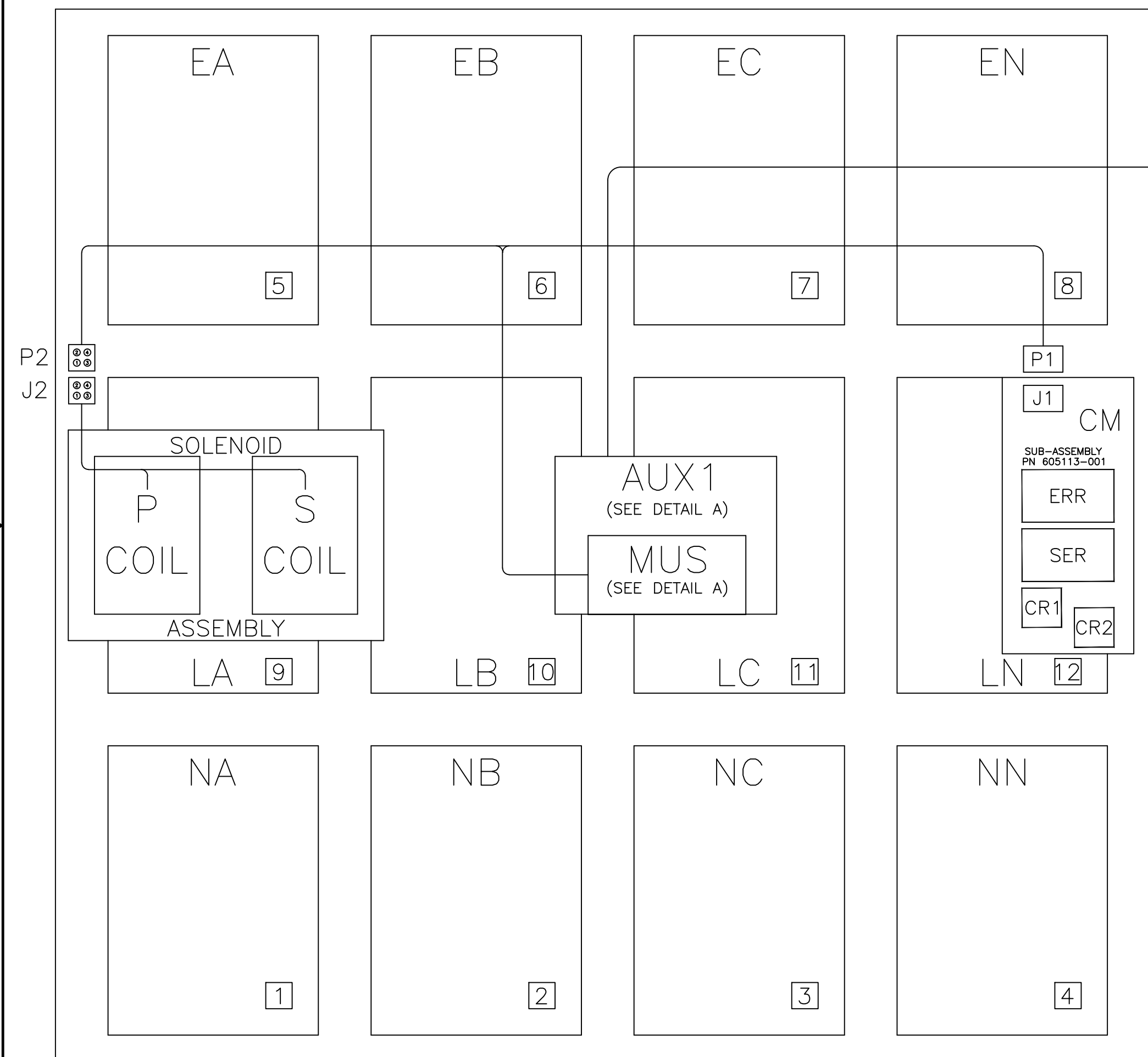
PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
WIRING DIAGRAM						
300 SERIES (G3ATS/G3NTS) 3PH 1000-3200 AMPS						
"G" FRAME, GROUP G CONTROLS						
BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055		ASSEM. REF. NO.	COMPUTER GENERATED DRAWING	
DJB	10/28/13				SCALE	SIZE DS
BK	10/28/13	PROPERTY OF ASCO POWER TECHNOLOGIES, USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.			DWG. NO.	
BK	10/28/13				1001662	
		ASCO® ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.			DRAWING J	ECN NO. 275211 SHEET 4 OF 7

PHYSICAL DIAGRAM

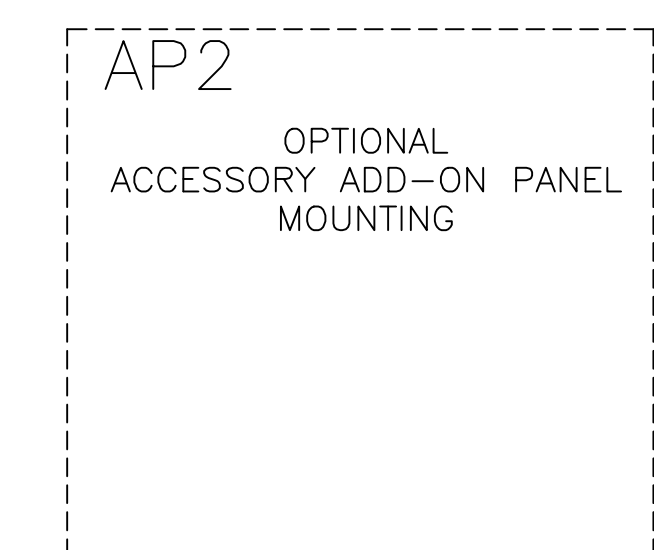
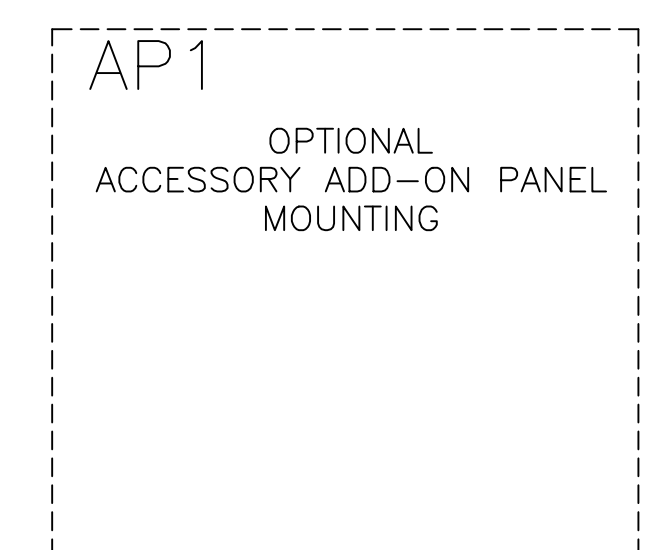
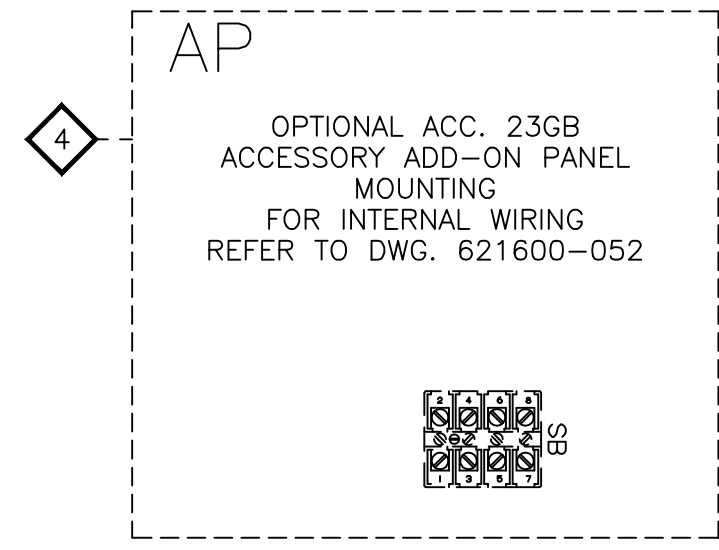
ENCLOSURE

DOOR, INSIDE

TS (TRANSFER SWITCH)



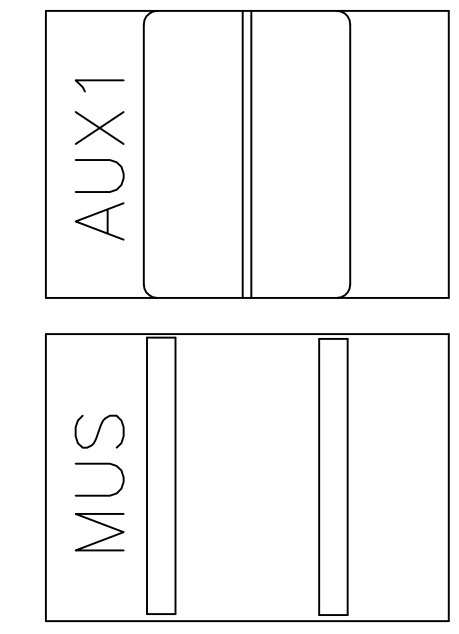
OPTIONAL ACCESSORY 23GB TO AP-SB
TO FIRST OPTIONAL ACCESSORY 18RX (J12A OR J12B) OR 1UP (J3)
[1UP MUST BE LAST ACCESSORY IN CHAIN]
USE CABLE PN 607761 FOR EACH CONNECTION



BONDING STRAP PN 098323-019

NOTE: PHYSICAL MAY VARY BASED ON ENCLOSURE PROVIDED.

DETAIL A
MUS & AUX1
TOP VIEW



J	275211	TR	BK	10/15/18
SEE ECN				
H	265313	TR	BK	1/31/17
SHT 4 SINGLE PHASE EMGR.				
G	254970	TR	BK	05/26/15
SEE ECN				

PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
WIRING DIAGRAM						
300 SERIES (G3ATS/G3NTS) 3PH 1000-3200 AMPS						
"G" FRAME, GROUP G CONTROLS						
DRAWN BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005		ASSEM. REF. NO.	SCALE NONE SIZE DS	
CHECKED	DATE	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		DWG. NO.	1001662	
PROJECT APPROVAL	DATE			DRAWING J	ECN NO.	275211
FINAL APPROVAL	DATE			SHEET	5 OF 7	

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

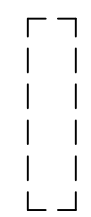
PHYSICAL DIAGRAM (CONTINUED)

REAR CONNECTED SWITCH
1000 - 3200 AMP. TS REAR VIEW

OPTIONAL ACCESSORY 23GB
(LOAD CURRENT METERING)

MAIN BUS STABS/TERMINALS (TYPICAL)

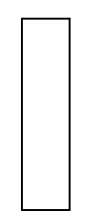
EN
EMERGENCY
NEUTRAL



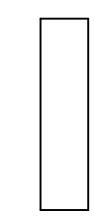
EC
EMERGENCY
PHASE C



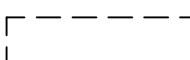
EB
EMERGENCY
PHASE B



EA
EMERGENCY
PHASE A

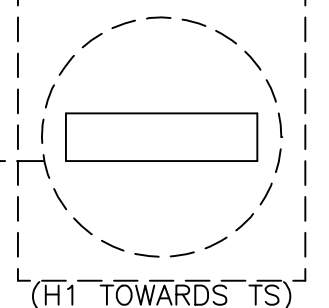


LN
LOAD
NEUTRAL



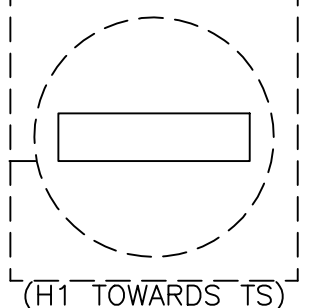
LC
LOAD
PHASE C

CT3



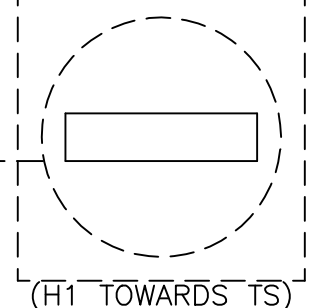
LB
LOAD
PHASE B

CT2



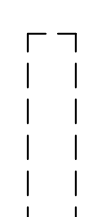
LA
LOAD
PHASE A

CT1

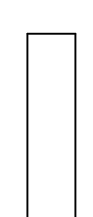


TO SB (AP)

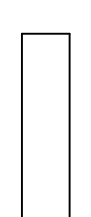
NN
NORMAL
NEUTRAL



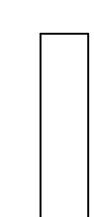
NC
NORMAL
PHASE C



NB
NORMAL
PHASE B



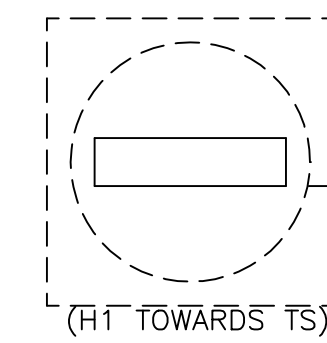
NA
NORMAL
PHASE A



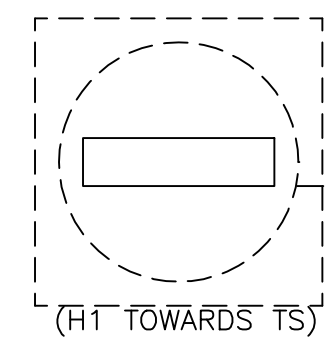
FRONT CONNECTED SWITCH
1000 - 2000 AMP. TS TOP VIEW

OPTIONAL ACCESSORY 23GB
(LOAD CURRENT METERING)

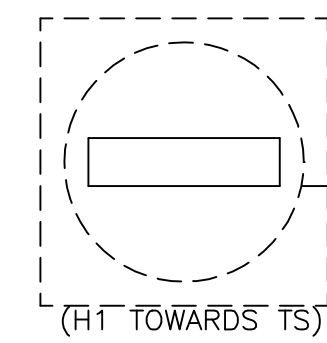
LA
LOAD
PHASE A



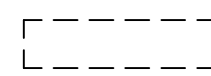
LB
LOAD
PHASE B



LC
LOAD
PHASE C



LN
LOAD
NEUTRAL

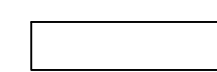


STANDARD:
EMERGENCY & LOAD OUT
OF THE TOP AND NORMAL
OUT THE BOTTOM.

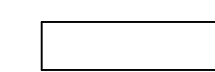
TO SB (AP)

MAIN BUS STABS/TERMINALS (TYPICAL)

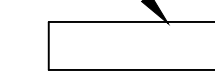
EA
EMERGENCY
PHASE A



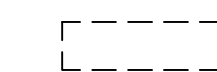
EB
EMERGENCY
PHASE B



EC
EMERGENCY
PHASE C

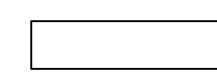


EN
EMERGENCY
NEUTRAL

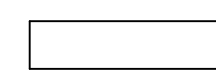


BOTTOM VIEW

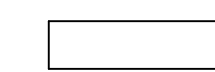
NA
NORMAL
PHASE A



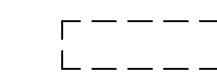
NB
NORMAL
PHASE B



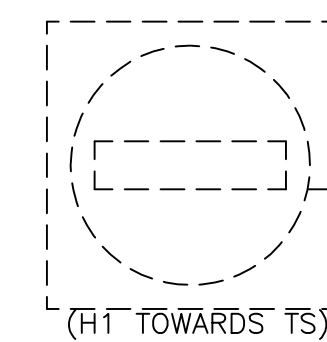
NC
NORMAL
PHASE C



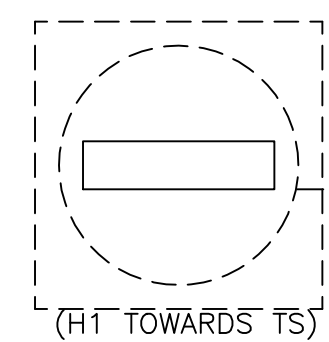
NN
NORMAL
NEUTRAL



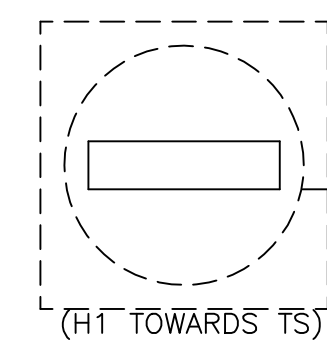
LA
LOAD
PHASE A



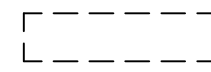
LB
LOAD
PHASE B



LC
LOAD
PHASE C



LN
LOAD
NEUTRAL



OPTIONAL:
EMERGENCY OUT OF THE TOP
AND NORMAL & LOAD
OUT THE BOTTOM.

TO SB (AP)

J	275211	TR	BK	10/15/18
SEE ECN				
H	265313	TR	BK	1/31/17
SHT 4 SINGLE PHASE EMGR.				
G	254970	TR	BK	05/26/15
SEE ECN				

PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
WIRING DIAGRAM						
300 SERIES (G3ATS/G3NTS) 3PH 1000-3200 AMPS						
"G" FRAME, GROUP G CONTROLS						
DRAWN BY	DJB	DATE	10/28/13	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	10/28/13	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	10/28/13		SIZE	DS
FINAL APPROVAL					DWG. NO.	1001662
					DRAWING J	ECN NO. 275211
						SHEET 6 OF 7

WIRE RUN LISTING

← HARNESS LOCATOR		BOX CHECKED IF HARNESS IS MODIFIED	CLR	AWG
HARNESS 605454 (P,P1,P2,J3) MAIN TS				
WIRE No.				
1	P-2,TS-1			16
2	P-3,P1-14			
3	P-4,TS-3			
4	P-5,TS-5			
5	P-6,TS-7			
6	P-7,TS-5			
7	P-8,TS(AUX1)-24			
8	TS(AUX1)-24,J3-1			
9	P-9,TS(AUX1)-25			
10	TS(AUX1)-25,J3-2			
11	P-10,TS(AUX1)-21			
12	P-11,TS-2			
13	P-12,TS-1			
14	P-13,TS(AUX1)-22			
15	P-14,TS(AUX1)-23			
16	P-16,P1-16			
17	P-17,J3-3			
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	P1-5,TS(MUS)-17			
26	TS(MUS)-17,TS(MUS)-15			
27	P1-6,TS(MUS)-19			
28	TS(MUS)-19,TS(MUS)-13			
29	P1-9,P2-4			
30	P1-10,P2-1			
31	P1-11,P2-2			
32	P1-12,P2-3			
33	P1-13,TS(MUS)-16			
34	TS(MUS)-16,TS(MUS)-14			
35	P1-15,TS(MUS)-20			
36	TS(MUS)-20,TS(MUS)-18			
37	P1-17,TS-1			
38	P1-18,TS-5			
39	P1-19,TS-3			
40	P1-20,TS-7			
41	P1-21,P1-23			
REMOVE WIRES				
6	TS(AUX1)-24,J3-1			
7	TS(AUX1)-25,J3-2			
14	P-17,J3-3			
ADD WIRES				
6	TS(AUX1)-24,TB-1			
7	TS(AUX1)-25,TB-2			
200	P-1			
14	P-17,TB-3			
222	P-15			

← HARNESS LOCATOR		BOX CHECKED IF HARNESS IS MODIFIED	CLR	AWG
TS STD. AUX. CONTACTS				
WIRE No.				
40	TB-4,TS(AUX1)-27			16
41	TB-5,TS(AUX1)-28			
42	TB-6,TS(AUX1)-29			
43	TB-7,TS(AUX1)-30			
44	TB-8,TS(AUX1)-31			
45	TB-9,TS(AUX1)-32			


← HARNESS LOCATOR		BOX CHECKED IF HARNESS IS MODIFIED	CLR	AWG
OPTIONAL AUX. CONTACTS				
WIRE No.				
46	TB-10,TS(AUX1)-33			16
47	TB-11,TS(AUX1)-34			
48	TB-12,TS(AUX1)-35			
49	TB-13,TS(AUX1)-36			
50	TB-14,TS(AUX1)-38			
51	TB-15,TS(AUX1)-37			

← HARNESS LOCATOR		BOX CHECKED IF HARNESS IS MODIFIED	CLR	AWG
OPTIONAL ACCESSORY 23GB (CT*AP-SB,CP(23G)-TB1)				
WIRE No.				
230	CT1-X1,AP-SB-1			16
230	AP-SB-2,CP(23G)-TB1-1			
231	CT2-X1,AP-SB-3			
231	AP-SB-4,CP(23G)-TB1-2			
232	CT3-X1,AP-SB-5			
232	AP-SB-6,CP(23G)-TB1-3			
233	CT1-X2,CT2-X2		GRN	
233	CT2-X2,CT3-X2		GRN	
233	CT3-X2,AP-SB-7		GRN	
233	AP-SB-7,EQUIP. GRD.		GRN	
233	AP-SB-8,CP(23G)-TB1-4		GRN	

← HARNESS LOCATOR		BOX CHECKED IF HARNESS IS MODIFIED	CLR	AWG
HARNESS 309320-005 OPTIONAL 8 IN. EXTENSION HARNESS				
WIRE No.				
200	Jx-1,Px-1			16
1	Jx-2,Px-2			
2	Jx-3,Px-3			
3	Jx-4,Px-4			
4	Jx-5,Px-5			
5	Jx-6,Px-6			
4	Jx-7,Px-7			
6	Jx-8,Px-8			
7	Jx-9,Px-9			
8	Jx-10,Px-10			
9	Jx-11,Px-11			
10	Jx-12,Px-12			
11	Jx-13,Px-13			
12	Jx-14,Px-14			
222	Jx-15,Px-15			
13	Jx-16,Px-16			
14	Jx-17,Px-17			
15	Jx-18,Px-18			
16	Jx-19,Px-19			
17	Jx-20,Px-20			
18	Jx-21,Px-21			
19	Jx-22,Px-22			
20	Jx-23,Px-23			
21	Jx-24,Px-24			

WIRE No.	ADDITIONAL WIRING	CLR	AWG
			16

J	275211	TR	BK	10/15/18
SEE ECN				
H	265313	TR	BK	1/31/17
SHT 4 SINGLE PHASE EMGR.				
G	254970	TR	BK	05/26/15
SEE ECN				

PROJECT NAME:				REV. TO SHEET	ECN NO.	BY	APP.	DATE
WIRING DIAGRAM								
300 SERIES (G3ATS/G3NTS) 3PH 1000-3200 AMPS				THIRD ANGLE PROJECTION				
"G" FRAME, GROUP G CONTROLS				COMPUTER GENERATED DRAWING				
DRAWN BY	DJB	DATE	10/28/13	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055	ASSEM. REF. NO.	SCALE	NONE	SIZE DS
CHECKED	BK	DATE	10/28/13	PROPERTY OF ASCO POWER TECHNOLOGIES, USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.			DWG. NO.	1001662
PROJECT APPROVAL	BK	DATE	10/28/13	DRAWING J			ECN NO.	275211
FINAL APPROVAL				 ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.			SHEET	7 OF 7

Limited Warranty

Series 150, 200, 300 and 4000 Power Transfer Switches

This Warranty is given ONLY to purchasers who buy for commercial or industrial use in the ordinary course of each purchaser's business.

General

ASCO Power Technologies, LP products and systems are in our opinion the finest available. We take pride in our products and are pleased that you have chosen them. Under certain circumstances we offer with our products the following Limited Guardian Warranty Against Defects in Material and Workmanship.

Please read your Guardian Warranty carefully. This Warranty sets forth our responsibilities in the unlikely event of defect and tells you how to obtain performance under this Warranty.

Limited Warranty Against Defects in Material and Workmanship:

Product Description	Series	Catalog Code
Automatic Transfer Switch	150, 200	1ATS, 2ATS
	300	3ATS, 3ADTS
	4000	4ATS, 4ADTS, 4ACTS
Non-Automatic Transfer Switch (Electrically Operated)	300	3NTS, 3NDTS
ASCO Lighting Control Panels	4000	4NTS, 4NDTS, 4NCTS
Manual Transfer Switch	300	3MTS, 3MTQ, 3MUQ, 3MPQ, 3MGQ, 3MGDQ, 3MTDQ
Service Entrance Transfer Switch (SEATS)	300	3AUS, 3ADUS, 3APS, 3ARS, 3MUS
Power Transfer Load Center (PTLC)	300	300L
Quick Connect Panels	300	3QCN, 3QCU, 3QCD
Electrically Operated Bypass Switch	4000	4ATE, 4NTE, 4ADTE, 4NDTE

Limited Warranty

ASCO warrants that the ATS will be free from defects in material and workmanship and will conform to ASCO's standard specifications for the ATS for a period of twenty four (24) months from date of product shipment from ASCO (the "Warranty Period"). This Limited Warranty does not extend to subsequent owners of the structure during the Warranty period.

Terms of Warranty

The foregoing Limited Warranty is conditioned upon user's compliance with the following:

1. The ASCO Power Transfer Switch is installed in accordance with ASCO specifications and state and local codes and standards by an electrician licensed in the state of installation.
2. The ASCO Power Transfer Switch is maintained in accordance with ASCO instructions and used under normal conditions for the purposes intended by ASCO.

All warranty field-related repairs, replacements or adjustments must be made by ASCO Services Inc. or its duly authorized representative.

Optional Available Extended Warranty

Optional extended warranty coverage may be purchased from ASCO for a specified fee at the time of the original sale. If purchased, Warranty period shall be extended up to an additional thirty - six (36) months beyond the standard twenty - four (24) months to provide up to five (5) year coverage applicable to the above referenced products, except for 3AUS, 3APS, and 3ARS products where the warranty period for the circuit breaker shall be limited to 24 months from date of shipment from ASCO. The length of optional extended coverage shall be reflected on the ASCO invoice and/or order acknowledgement document.

**Warranty Extends
To First Purchaser
for Use,
Non-Transferable**

This Warranty is extended to the first person, firm, association, or corporation for whom the ASCO product specified herein is originally installed for use (the "user") in the fifty United States or Canada. This Warranty is not transferable or assignable without the prior written permission of ASCO.

**Assignment of
Warranties**

ASCO assigns to user any warranties which are made by manufacturers and suppliers of components of, or accessories to, the ASCO product and which are assignable, but ASCO makes no representations as to the effectiveness or extent of such warranties, assumes no responsibility for any matters which may be warranted by such manufacturers or suppliers and extends no coverage under this Warranty to such components or accessories.

**Drawings,
Descriptions**

ASCO warrants for the period and on the terms of the Warranty set forth herein that the ASCO product will conform to the descriptions contained in the certified drawings, if any, applicable thereto, to ASCO's final invoices, and to applicable ASCO product brochures and manuals current as of the date of product shipment ("descriptions"). ASCO does not control the use of any ASCO product. Accordingly, it is understood that the descriptions are not Warranties of performance and not Warranties of fitness for a particular purpose.

**Warranty Claims
Procedure**

Within a reasonable time, but in no case to exceed thirty (30) days, after user's discovery of a defect, user shall contact ascopowerwarranty@ascopower.com. Subject to the limitations specified herein, an ASCO Services field service representative will repair the non-conforming ASCO product warranted hereunder, without charge for parts, labor, or travel expenses. Warranty coverage will apply only after ASCO's inspection discloses the claimed defect and shows no signs of treatment or use that would void the coverage of this Warranty. All defective products and component parts replaced under this Warranty become the property of ASCO.

**Warranty
Performance of
Component
Manufacturers**

It is ASCO's practice, consistent with its desire to remedy Warranty defects in the most prompt and effective manner possible, to cooperate with and utilize the services of component manufacturers and their authorized representatives in the performance of work to correct defects in the product components. Accordingly, ASCO may utilize third parties in the performance of Warranty work, including repair or replacement hereunder, where, in ASCO's opinion, such work can be performed in less time, with less expense, or in closer proximity to the ASCO product.

**Items Not Covered
By Warranty**

This Warranty does not cover damage or defect caused by misuse, improper application, wrong or inadequate electrical current or connection, negligence, inappropriate on site operating conditions, repair by non-ASCO designated personnel, accident in transit, tampering, alterations, a change in location or operating use, exposure to the elements, water, or other corrosive liquids or gases, acts of God, theft or installation contrary to ASCO's recommendations or specifications, or in any event if the ASCO serial number has been altered, defaced, or removed.

This Warranty does not cover shipping costs, installation costs, external circuit breaker resetting or maintenance or service items and further, except as may be provided herein, does not include labor costs or transportation charges arising from the replacement of the ASCO product or any part thereof or charges to remove or reinstall same at any premises of user.

Repair or replacement of a defective product or part thereof does not extend the original Warranty period.

The products listed in this Warranty are not for use in the control area or any reactor connected or safety applications or within the containment area of a nuclear facility or for integration into medical devices.

Limitations

This Warranty is in lieu of and excludes all other Warranties, express or implied, including merchantability and fitness for a particular purpose.

User's sole and exclusive remedy is repair or replacement of the ASCO product as set forth herein.

If user's remedy is deemed to fail of its essential purpose by a court of competent jurisdiction, ASCO's responsibility for property loss or damage shall not exceed the net product purchase price.

In no event shall ASCO assume any liability for indirect, special, incidental, consequential or exemplary damages of any kind whatsoever, including without limitation lost profits, business interruption or loss of data, whether any claim is based upon theories of contract, negligence, strict liability, tort, or otherwise.

Miscellaneous

No salesperson, employee, or agent of ASCO is authorized to add to or vary the terms of this Warranty. Warranty terms may be modified, if at all, only in writing signed by an ASCO officer.

ASCO obligations under this Warranty are conditioned upon ASCO timely receipt of full payment of the product purchase price and any other amounts due. ASCO reserves the right to supplement or change the terms of this Warranty in any subsequent warranty offering to user or others.

In the event that any provision of this Warranty should be or becomes invalid and/or unenforceable during the Warranty period, the remaining terms and provisions shall continue in full force and effect.

This Warranty shall be governed by, and construed under, the laws of the State of New Jersey, without reference to the conflict of laws principles thereof.

This Warranty represents the entire agreement between ASCO and user with respect to the subject matter herein and supersedes all prior or contemporaneous oral or written communications, representations, understandings, or agreements relating to this subject.

EQUIPMENT STORAGE REQUIREMENTS

Equipment provided by Schneider-Electric and/or ASCO Power Technologies that is stored for a short-term duration (i.e., days to weeks) or long-term duration (i.e., months to years), must be kept in a cool, dry, temperature-controlled environment. Storage of equipment in open warehouses, locations without proper temperature and humidity control, and/or outdoor storage is not acceptable without the utilization of heating elements, thermostats, humidistats, and protection from weather and dirt. Failure to comply may result in moisture ingress and/or condensation to form resulting in rusting and or corrosion, component and/or equipment failure and replacement, and/or nullification of any manufacturer warranty.

For **General Instructions for Proper Handling, Installation, Operation, and Maintenance of Deadfront Distribution Switchboards Rated 600 Volts or Less**, refer to [ANSI NEMA PB 2.1-2013](#)

Copies of the following documents should be included on the submittals, depending on the units that are on the proposal:

For ASCO Power Technology's **Switchgear and Switchboards**, refer to Instruction Bulletin **381333-393**.

For Schneider-Electric/Square D's **Power Zone 4 (PZ4) Switchgear**, refer to Instruction Bulletin **80298-002-09**.

For Schneider-Electric/Square D's **Power Zone 4 (PZ4) NEMA 3R Walk-In Switchgear**, refer to Instruction Bulletin **80298-156-02**.

For Schneider-Electric/Square D's **Quality, Efficient, Delivery" (QED2) Switchboard**, refer to Instruction Bulletin **80043-055-14**.

For Schneider-Electric/Square D's **Masterclad Metal-Clad Indoor Switchgear**, refer to Instruction Bulletin **6055-30**.

The ASCO Service Entrance Power Transfer Switch combines automatic power switching with the disconnecting, grounding, and bonding required for use as service entrance equipment. It meets all National Electrical Code® requirements for service entrance use.



ASCO SERIES 300
SE Rated 800 amperes Type 1 enclosure



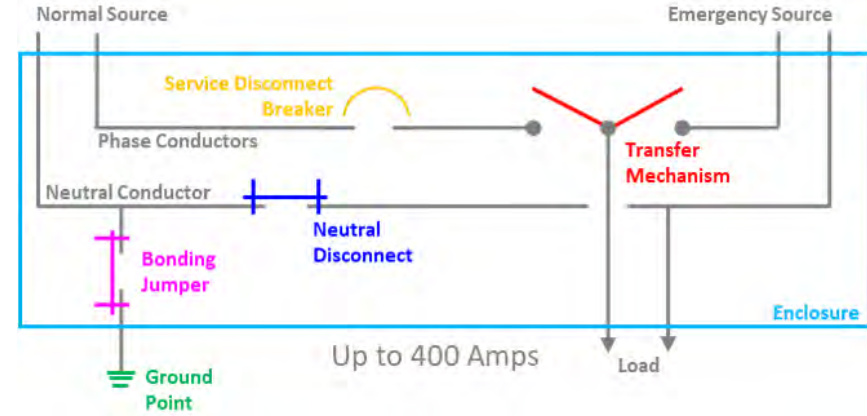
ASCO SERIES 300
SE Rated 200 amperes in Type 3R enclosure

Product Features:

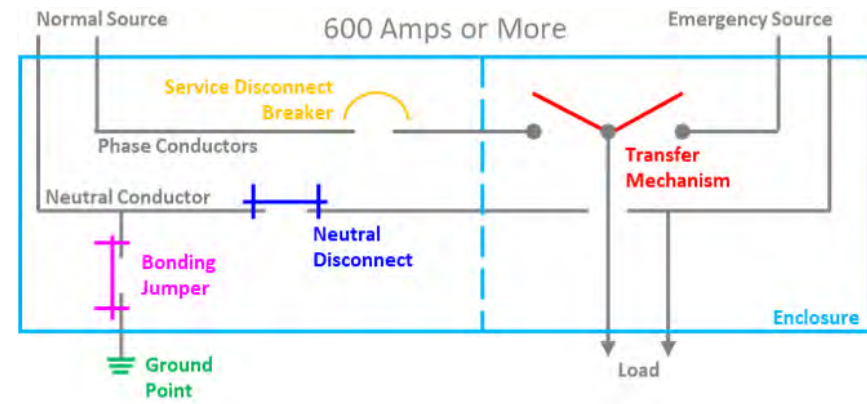
- Sizes available from 70 - 3000 amps, 600 VAC, 50 or 60 Hz, single or 3-phase
- 70 - 400 Ampere listed to UL 1008
- 600 - 3000 Ampere listed to UL 891
- Automatic Transfer Switch is listed to UL 1008 for total system loads
- Silver plated copper ground and neutral bus with solderless screw type terminals
- Ground fault trip protection provided on 1000 amps and above
- Available with solid or switched neutral
- Line side breaker barriers available in compliance with NEC2020

Construction

Products 400 amperes or less, utilize a single enclosure, including a service disconnect circuit breaker, as well as the transfer switch and grounding and bonding provisions.



Products 600 amperes and above provide a service equipment section containing the service disconnect circuit breaker as well as grounding and bonding provisions. A second section contains the power transfer switch.



For additional detail, see the [interactive 3-D view](#) in the [ASCO Digital Hub](#).

Order Information

To order an ASCO SERIES 300SE Power Transfer Switch, complete the following catalog number:

J	+	03AUS	+	B	+	3	+	0600	+	N	+	GX	+	C
Frame		Product Type		Neutral Code		Phase Poles		Amperes Continuous Rating		Voltage Code		Controller Code		Enclosure
D = 70 - 225 Amp		03AUS = Automatic		A = Solid Neutral		2		0070, 0100, 0150, 0200, 0225 ¹ , 0250 ¹		C = 208 D = 220 E = 230 F = 240 H = 380 J = 400 K = 415 L = 440 M = 460 N = 480 P = 550 Q = 575 R = 600		G = No Optional Accessories GX = Optional Accessories		C = Type 1 (Standard) M = Type 3R Secure Double Door N = Type 4 ¹ Secure Double Door Q = Type 12 ¹ Secure Double Door V = Type 4X ^{4,5} Secure Double Door 316 SS
J = 150 - 600 Amp 150A - 225A: 3ADUS/3NDUS Only		03NUS = Non-Automatic		B = Switched Neutral		3		0400, 0600, 0800, 1000, 1200, 1600, 2000, 2500, 3000						
H = 800 - 1200 Amp		3ADUS = Automatic Delayed Transition												
G = 1600 - 3000 Amp		3NDUS = Non-Automatic, Delayed Transition												

- Notes:**
1. Available for 70-1600 amperes, use type 3R for 2000-3000 ampere applications.
 2. A solid neutral is provided as standard.
 3. 200, 225 ampere rated switches suitable for use with copper cable only. Refer to paragraph 310.15 of the NEC for additional information.
 4. Type 316 stainless steel is the standard. It provides an improved reduction in corrosion of salt and some chemicals. It is the preferred choice for marine environments.
 5. Available only on switches rated 70 - 1600 amperes.

Specifications

ASCO SERIES 300SE Power Transfer Switch Dimensions and Shipping Weights

UL Type 1 Enclosure⁴

Switch Rating Amps	Phase Poles	Neutral Code	Dimensions, In. (mm)			Approx. Shipping Weight Lb. (kg)
			Width	Height	Depth	
70, 100, 150, 200, 225	2	A	36 (914)	48 (1219)	13 (330)	400 (185)
	2	B	36 (914)	48 (1219)	13 (330)	410 (189)
	3	A	36 (914)	48 (1219)	13 (330)	410 (189)
150, 200, 225, SERIES 3ADUS/3NDUS Only	2	A	36 (914)	48 (1219)	13 (330)	400 (185)
	2	B	36 (914)	48 (1219)	13 (330)	408 (188)
	3	A	36 (914)	48 (1219)	13 (330)	408 (188)
2501, 4001	2	A	42 (1067)	48 (1219)	15.5 (394)	420 (193)
	2	B	42 (1067)	48 (1219)	15.5 (394)	430 (198)
	3	A	42 (1067)	48 (1219)	15.5 (394)	430 (198)
6001	2	A	38 (965)	91 (2311)	28 (711)	860 (396)
	2	B	38 (965)	91 (2311)	28 (711)	870 (401)
	3	A	38 (965)	91 (2311)	28 (711)	870 (401)
8001	2	A	38 (965)	91 (2311)	28 (711)	1460 (673)
	2	B	38 (965)	91 (2311)	28 (711)	1470 (677)
	3	A	38 (965)	91 (2311)	28 (711)	1470 (677)
10001, 12001	2	A	38 (965)	91 (2311)	28 (711)	1480 (682)
	2	B	38 (965)	91 (2311)	28 (711)	1470 (677)
	3	A	38 (965)	91 (2311)	28 (711)	1470 (677)
16001, 20001	3	A	38 (965)	91 (2311)	28 (711)	1680 (773)
	3	B	38 (965)	91 (2311)	28 (711)	1680 (773)
	3	B	38 (965)	91 (2311)	28 (711)	1680 (773)
25001, 30001	3	A	38 (965)	91 (2311)	28 (711)	4590 (2111)
	3	B	38 (965)	91 (2311)	28 (711)	4590 (2111)
	3	B	38 (965)	91 (2311)	28 (711)	4690 (2157)

- Notes:**
1. Unit is designed for top and bottom cable entry for all services and load.
 2. Enclosures for 600 - 3000 amps are freestanding.
 3. A space heater accessory 44G is required with all service entrance (Type 3R) switches to help reduce condensation and protect the circuit breaker. It is recommended when environmental enclosures (Type 4, 12) are ordered for installation outdoors. See Optional Accessories page for space heater options (acc. 44G).
 4. Dimensional data is approximate and subject to change. Certified dimensions available upon request.

SERIES 300SE External Power Connections Sizes UL-Listed Solderless Screw-Type Terminals

Switch Rating	Ranges of AL-CU Wire Sizes
70, 100, 150, 200 ² , 225 ²	One #14 to 4/0 AWG
150 ³ , 200 ³ , 225 ³ , 250, 400	One #4 AWG to 600 MCM Two 1/0 to 250 MCM
600	Two 1/0 to 600 MCM
800, 1000, 1200	Four 1/0 to 600 MCM
1600, 2000	Six 1/0 to 600 MCM
2500	Twelve 3/0 to 750 MCM
3000	Twelve 3/0 to 750 MCM

- Notes:**
1. All SERIES 300 switches default to a solid neutral assembly unless a switched neutral is specified. If no neutral is required, order as solid neutral and left unwired.
 2. 200 and 225 ampere rated switches for use with copper cable only. Refer to paragraph 310.15 of the NEC for all additional information.
 3. J 150-225 ampere for SERIES 3ADUS/3NDUS only.
 4. Use wire rated 75 degrees minimum for all power connections.
 5. Refer to the outline drawing for maximum power cable connections for circuit breaker.

UL Type 3R Enclosure⁴

Switch Rating Amps	Phase Poles	Neutral Code	Dimensions, In. (mm)			Approx. Shipping Weight Lb. (kg)
			Width	Height	Depth	
70, 100, 150, 200, 225	2	A	36 (914)	48 (1219)	16 (406)	500 (232)
	2	B	36 (914)	48 (1219)	16 (406)	520 (241)
	3	A	36 (914)	48 (1219)	16 (406)	520 (241)
150, 200, 225, SERIES 3ADUS/3NDUS Only	2	A	41 (1041)	95.5 (2424)	33 (838)	500 (232)
	2	B	41 (1041)	95.5 (2424)	33 (838)	520 (241)
	3	A	41 (1041)	95.5 (2424)	33 (838)	520 (241)
2501, 4001	2	A	41 (1041)	95.5 (2424)	33 (838)	500 (232)
	2	B	41 (1041)	95.5 (2424)	33 (838)	520 (241)
	3	A	41 (1041)	95.5 (2424)	33 (838)	520 (241)
6001	2	A	41 (1041)	95.5 (2425)	33 (838)	1200 (555)
	2	B	41 (1041)	95.5 (2425)	33 (838)	1220 (564)
	3	A	41 (1041)	95.5 (2425)	33 (838)	1220 (564)
8001	2	A	38 (965)	91 (2311)	28 (711)	1520 (703)
	2	B	38 (965)	91 (2311)	28 (711)	1540 (712)
	3	A	38 (965)	91 (2311)	28 (711)	1540 (712)
10001, 12001	2	A	38 (965)	91 (2311)	28 (711)	1580 (731)
	2	B	38 (965)	91 (2311)	28 (711)	1540 (712)
	3	A	38 (965)	91 (2311)	28 (711)	1540 (712)
16001, 20001	3	A	38 (965)	91 (2311)	28 (711)	2200 (1018)
	3	B	38 (965)	91 (2311)	28 (711)	2240 (1036)
	3	B	38 (965)	91 (2311)	28 (711)	2240 (1036)
25001, 30001	3	A	38 (965)	91 (2311)	28 (711)	5280 (2479)
	3	B	38 (965)	91 (2311)	28 (711)	5380 (2475)
	3	B	38 (965)	91 (2311)	28 (711)	5380 (2475)

Extended Warranties for SERIES 300SE Transfer Switches (3AUS/3NUS/3ADUS/3NDUS)

Description
1 Year Extension (Total of 3 Years)
2 Year Extension (Total of 4 Years)
3 Year Extension (Total of 5 Years)

- Notes:**
1. Standard warranty is (24) months, 2 years from date of shipment, extended warranty is in addition to the two years, for a total of 3, 4 or 5 years, except where the warranty period for the circuit breaker shall be limited to 24 months from date of shipment from ASCO.
 2. Refer to Publication 3223 for warranty terms and conditions.

SERIES 300SE AIC Breaker Rating¹

Switch Rating	AIC Rating (kA)	Voltage
70, 100, 150, 200, 225	85	480
150, 200, 225 SERIES 3ADUS/3NDUS Only	85	480
250, 400, 600	85	480
800	65	480
1000, 1200	50	480
1600, 2000	65	480
2500, 3000	100	480