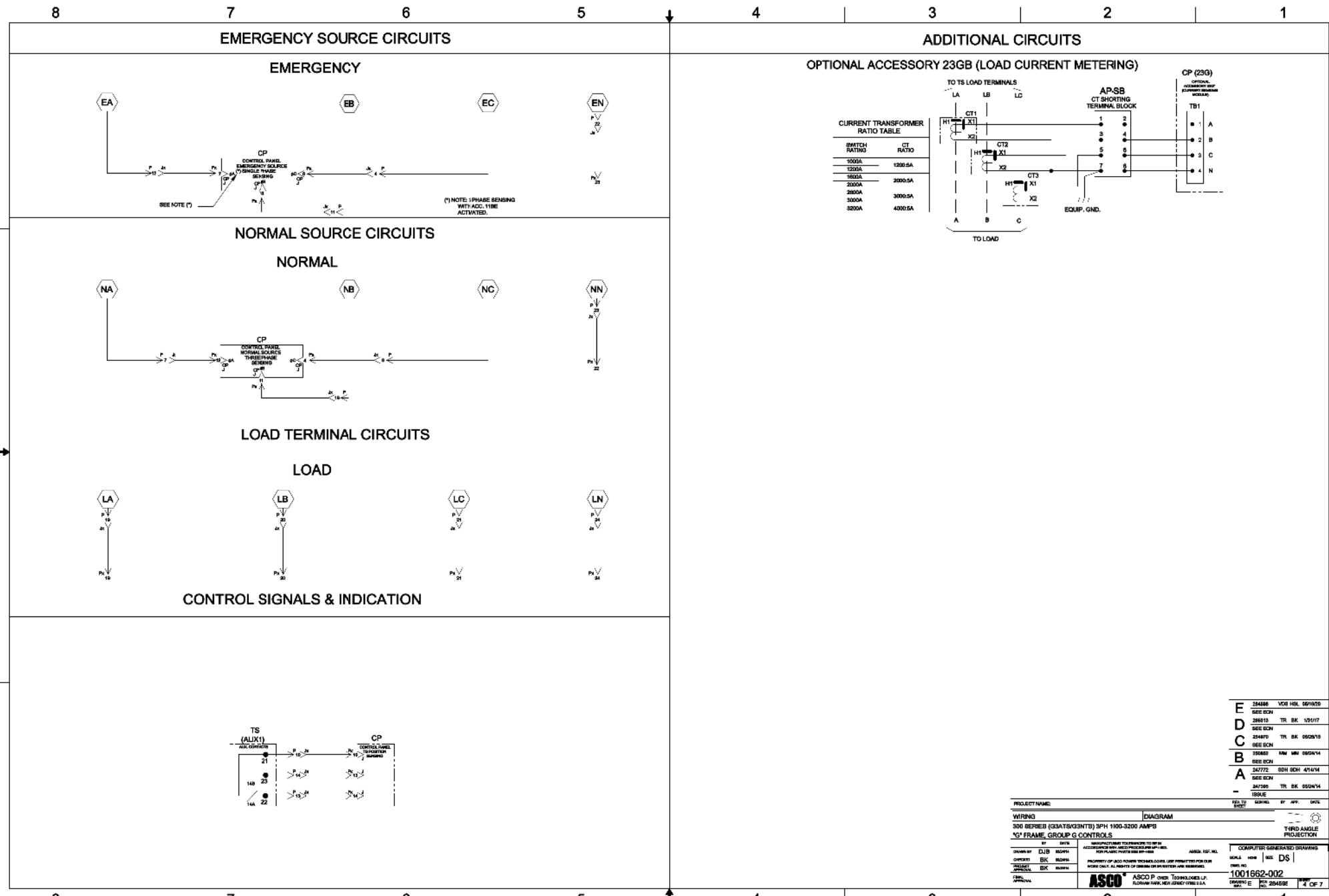


Woodstock STOCK ORDER 1 2025

Transfer Switch Details

#3	ATS	AMPS: 3000	QTY: 2
Product	:	Series 300	Catalog Number : G03AUSB33000NGXM
Service Voltage / Hz	:	480V/60Hz	Optional Accessories : 11BE,40PB,44G,119M1
Bypass Isolation	:	Not Applicable	Product Description : 300 Series, Automatic Service Entrance Transfer Switch
No. of Switched Poles: 4	:	4	Neutral Configuration : Switched [B]
Withstand Rating:	:	See WCR Table Below Frame = G, Switch Rating = 3000, Series = 300	No. of Cables & Lug Size : See Applicable Outline Drawing
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	40PB	Normal and Emergency Reversed (Available on all frames and sizes)
3	44G	Strip heater w/ thermostat, wired to load terminals: 208-600 volts
4	119M1	Internally powered Energy Reducing Maintenance Switch (ERMS) ERMS lowers the instantaneous pickup setting, utilizes a faster acting instantaneous trip function, or activates an alternate set of trip settings on a breaker to provide reduced arc flash incident energy. To be used on service entrance rated switches containing Square D breakers with MicroLogic 5.0/6.0 P/H trip units Customer is responsible for all trip unit settings.



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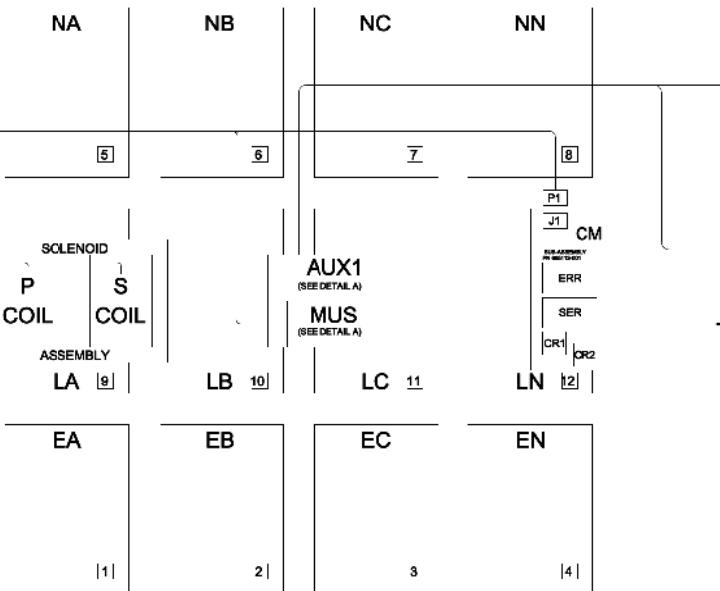
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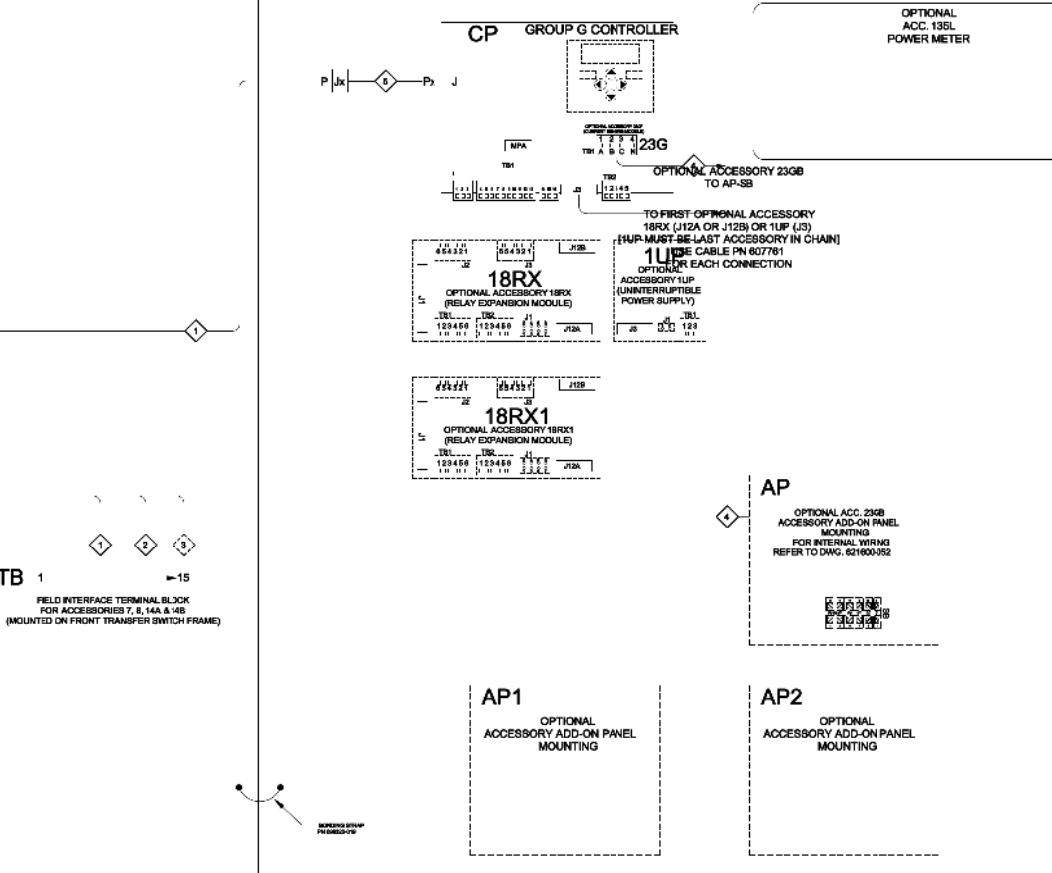
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PHYSICAL DIAGRAM

ENCLOSURE



DOOR, INSIDE



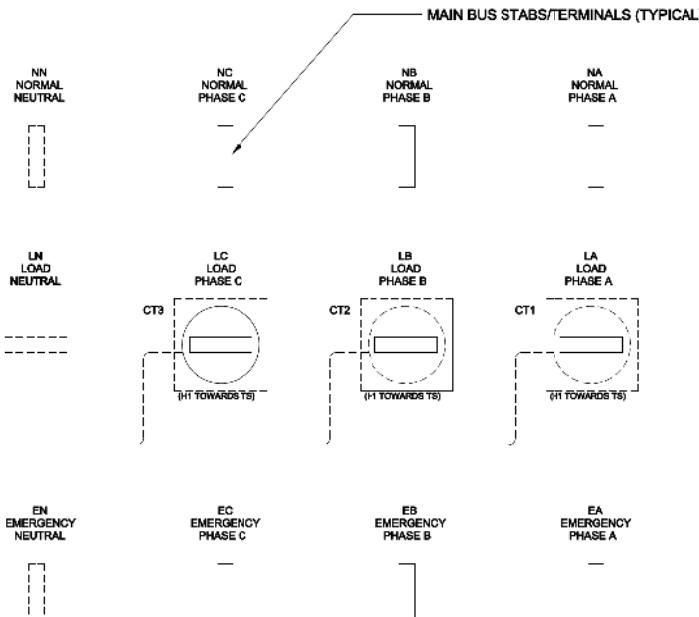
E	284866 VCB HBL 65H975
D	284865 TR_BK 12H17
C	284864 TR_BK 05G975
B	284862 NM_WW 05G974
A	247772 S6H S6H 4/16/14
-	247780 TR_BK 05G974
PROJECT NAME: 1001662-002	
WIRING 300 SERIES (33AT5/33NT5) 3PH 1100-3200 AMPS	
"G" FRAME, GROUP G CONTROLS	
DRAWN BY: DIB DATE: 10/16/14 COMPUTER GENERATED DRAWING	
DESIGNED BY: DIB APPROVED BY: DIB CHECKED BY: DIB	
REVIEWED BY: DIB DATE: 10/16/14	
ASCO P. O. BOX 1000, FLORIDA PARK, NEW JERSEY 07043 U.S.A.	
DRAWN BY: DIB DATE: 10/16/14	
ASCO P. O. BOX 1000, FLORIDA PARK, NEW JERSEY 07043 U.S.A.	
DRAWN BY: DIB DATE: 10/16/14	

8 7 6 5 ↓ 4 | 3 | 2 | 1

PHYSICAL DIAGRAM (CONTINUED)

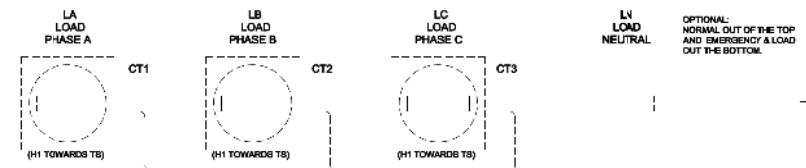
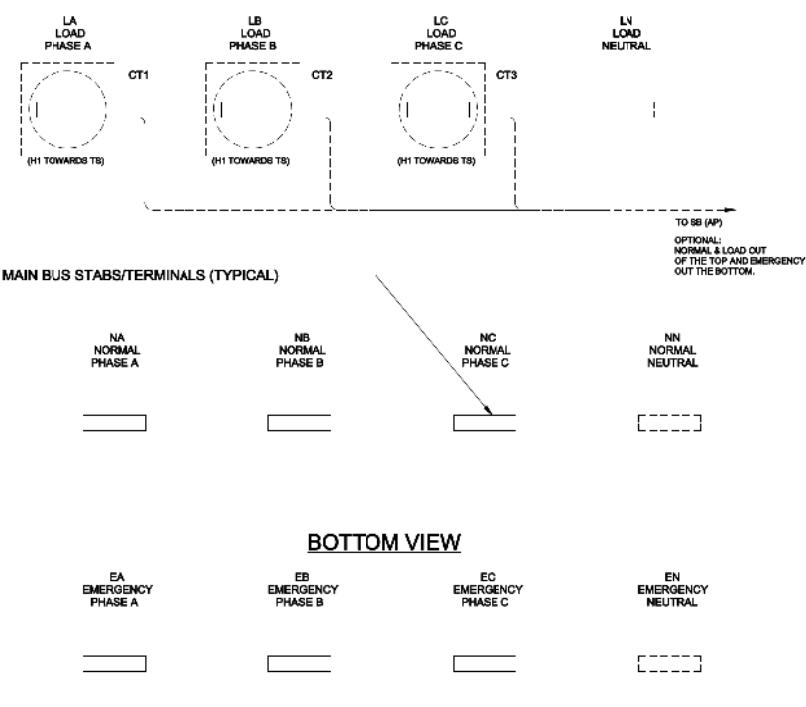
REAR CONNECTED SWITCH (W/ACC. 40*B)
1000 - 3200 AMP. TS REAR VIEW

OPTIONAL ACCESSORY 23GB
(LOAD CURRENT METERING)



FRONT CONNECTED SWITCH (W/ACC. 40*R)
1000 - 2000 AMP. TS TOP VIEW

OPTIONAL ACCESSORY 23GB
(LOAD CURRENT METERING)



E	284866 VCB HBL 06/95/95
D	286401 TR_BK 1/24/17
C	286402 TR_BK 05/20/15
B	325842 NM_WW 02/04/14
A	247772 80H 80H 4/14/14
-	247285 TR_BK 05/04/14
	1001662-002
PROJECT NAME:	REV. 10
WIRING	DIAGRAM
300 SERIES (330ATS/330NTB) 3PH 1000-3200 AMP'S	3RD ANGLE PROJECTION
"G" FRAME, GROUP 2 CONTROLS	
BY DRAFTS	MANUFACTURED TO DRAWINGS 100-1000
OWNER: DJB 800H	ACCREDITED DRAWINGS 100-1000
CONTRACTOR: BK 800H	PRINTS OF ACCREDITED DRAWINGS ARE PROPERTY OF THE
DESIGNER: BK 800H	OWNER. COPIES OF ACCREDITED DRAWINGS OR INVENTORIES ARE RESTRICTED.
APPROVAL	COMPUTER-GENERATED DRAWINGS
	KOHL, HORN & CO. DS
	DRAWN BY: D. COOPER
ASCO [®] ASCO POWER TECHNOLOGIES LLC.	DRAWN BY: D. COOPER
FLORHAM PARK, NEW JERSEY 07028 U.S.A.	DRAWN BY: D. COOPER
DRAWN BY: D. COOPER	B OF 7

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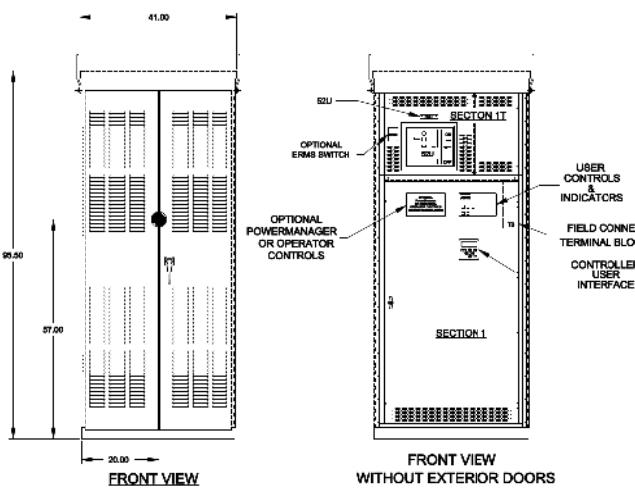
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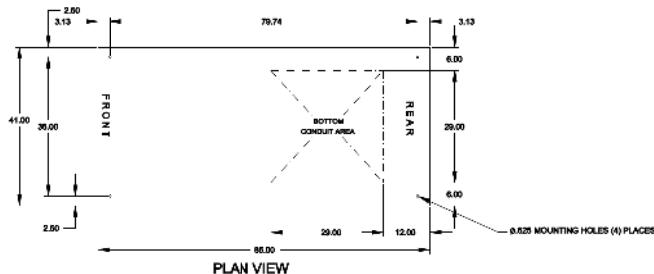
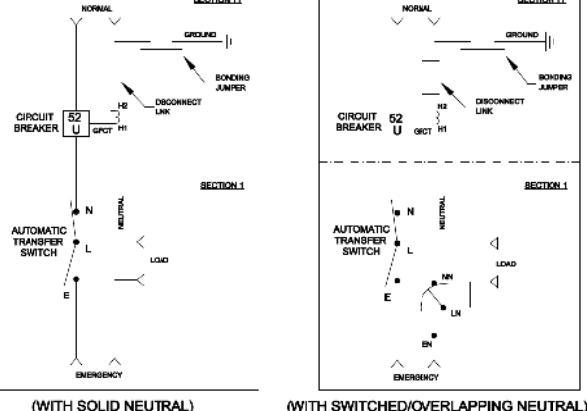
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**FRONT VIEW
WITHOUT EXTERIOR DOORS**

ONE LINE DIAGRAMS



PLAN VIEW

GENERAL NOTES

1. FLOOR MOUNTED ENCLOSURE.
TYPE SR CONSTRUCTED FROM CODE GAUGE STEEL.
FINISH: TYPE SR, ANSI 61 GRAY POLYESTER SEMI-GLOSS ELECTROSTATIC POWDER.
2. TYPE SRX EXTERIOR CONSTRUCTED FROM CODE GAUGE STAINLESS STEEL.
(R) EXTERIOR CONSTRUCTED FROM TYPE 304 STAINLESS STEEL.
(S) EXTERIOR CONSTRUCTED FROM TYPE 316 STAINLESS STEEL.
3. EXTERIOR DOORS HAVE PADLOCKABLE HANDLES WITH 3-POINT LATCH
3. DESIGNED FOR FRONT & REAR ACCESS.
4. RECOMMENDED CLEARANCES: FRONT: 36" REAR: 30"
6. EXTERIOR VENTS ARE SUPPLIED WITH POLYESTER DUST FILTERS.
6. LIFTING PLATES: SECTIONS ARE SUPPLIED WITH LIFTING PLATES. INSPECT PLATES FOR DAMAGE AND TORQUE BOLTS TO 46 FT LBS BEFORE USE. REFER TO ANHEMMA PB 2.1 FOR PROPER HANDLING OF EQUIPMENT. AFTER INSTALLATION OF SECTION, REMOVE LIFTING PLATES. REINSTALL BOLTS INTO EXTERIOR HICLES AND TORQUE TO APPROXIMATELY 20 FT LBS.
7. SECTION 1 AND SECTION 17 SHIP AS ONE UNIT.

SYSTEM NOTES

1. SYSTEM RATING: 2500 AMPS, 3000 AMPS, 36, 4W.
SHORT CIRCUIT RATING: 100,000 RMS SYM AMPERES @ 480V.
THE EMERGENCY SOURCE MUST BE PROTECTED BY A REMOTE OVERCURRENT PROTECTION DEVICE AS LISTED ON THE MARKINGS ON THE TRANSFER SWITCH.
2. ALL BUS IS SILVER-PLATED COPPER, BASED ON 800A PER SQ. IN. IN DENITRY.
3. GROUND BUS: 20% RATED.
4. NEUTRAL BUS: 100% RATED.
5. APPLICABLE LABELS: UL-891. SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.

TRANSFER SWITCH

1. FRAME AUTOMATIC TRANSFER SWITCH 2500A - 3000A.
2. TRANSFER SWITCH RATING: 2500 AMPS, 3000 AMPS,
SHORT CIRCUIT RATING WHEN PROTECTED BY A CIRCUIT BREAKER
TIME RESPONSE, MAXIMUM 0.05 SECONDS. 100,000 RMS SYM @ 480V
3. 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
4. UL 1008

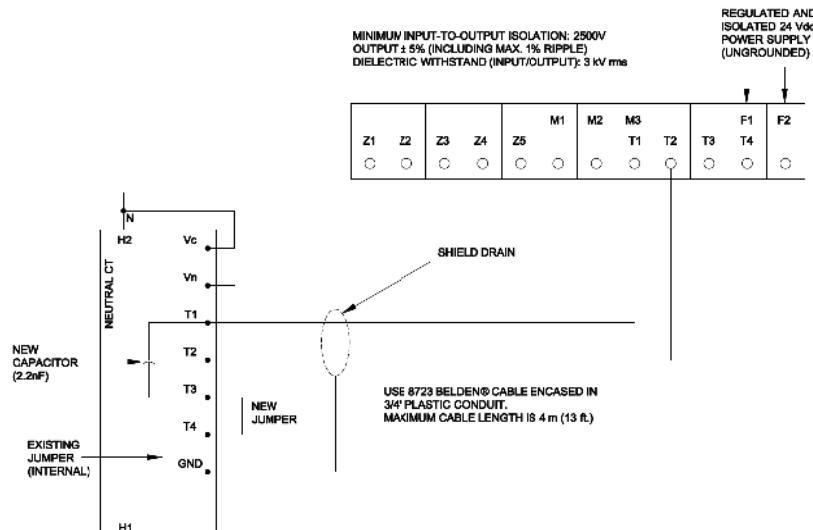
TERMINATIONS 2500-3000 AMPS

1. SUPPLIED WITH MECHANICAL (SCREW TYPE) LUGS FOR CUIA CABLE. NORMAL: (12) 1/0 - 500MCM PER PHASE & NEUTRAL. LOAD: (12) 1/0 - 500MCM PER PHASE & NEUTRAL. EMERGENCY: (12) 1/0 - 500MCM PER PHASE & NEUTRAL. GROUND: (36) 1/0 - 500MCM. A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
2. OPTIONAL LUGS MAY BE PROVIDED.

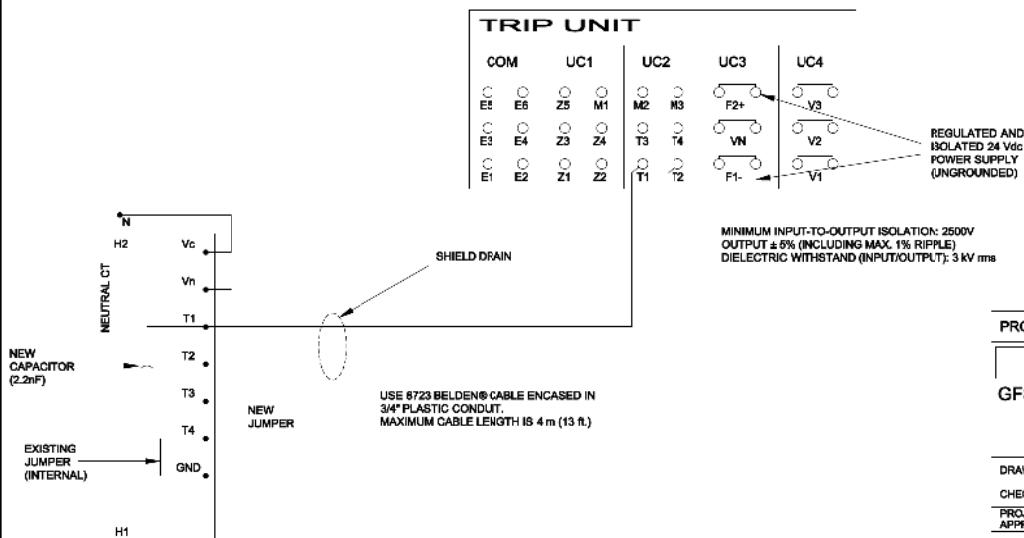
SERVICE ENTRANCE BREAKER: ITEM 52U

1. SQUARE "D" 100% RATED. TYPE NW3000AF/3000AT OR 2500AF/2500AT STATIONARY MOUNTED MANUALLY OPERATED, WITH LONG DELAY, SHORT DELAY, INSTANTANEOUS AND GROUND FAULT TRIP SETTINGS
2. OPTIONAL ENERGY REDUCTION MAINTENANCE SETTING (ERMS) SYSTEM MAY BE SUPPLIED.

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



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



PROJECT NAME: _____

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				

REV. TO
SHEET

ECN NO.

BY APP.

DATE

THIRD ANGLE
PROJECTION

MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055	ASSEM. REF. NO.
DRAWN BY CC 05/13/04	
CHECKED BK 05/13/04	
PROJECT APPROVAL BK 05/13/04	
FINAL APPROVAL	

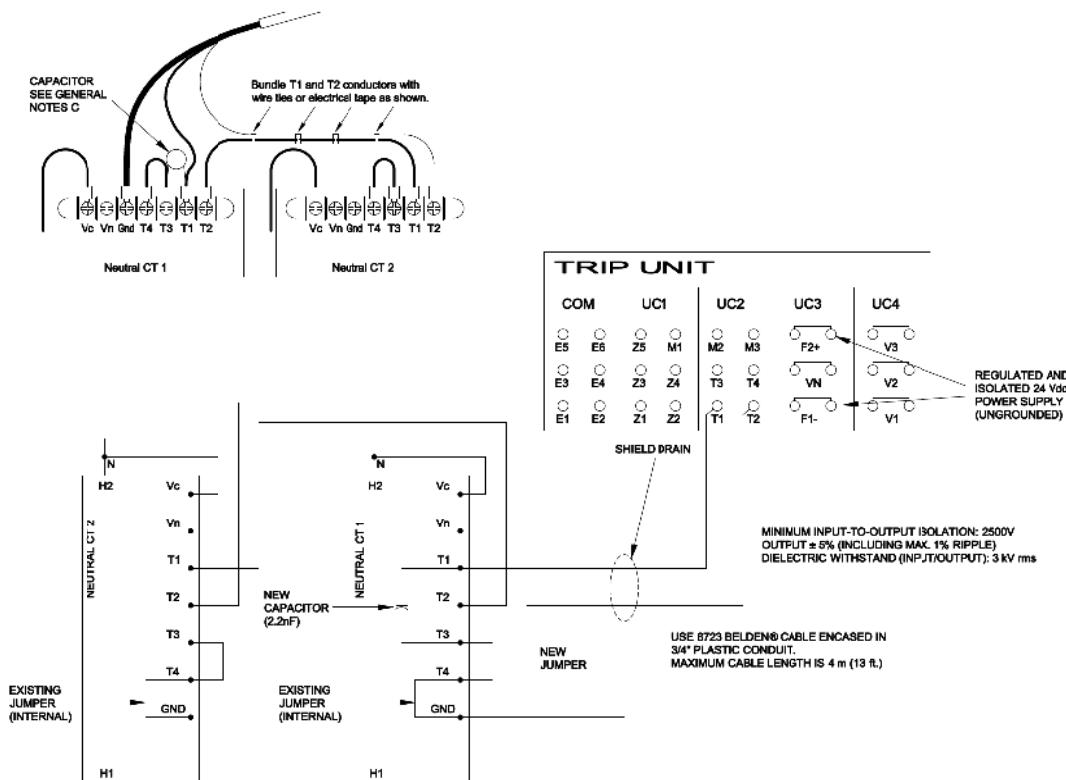
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SCALE SIZE BS
DWG. NO.

758574

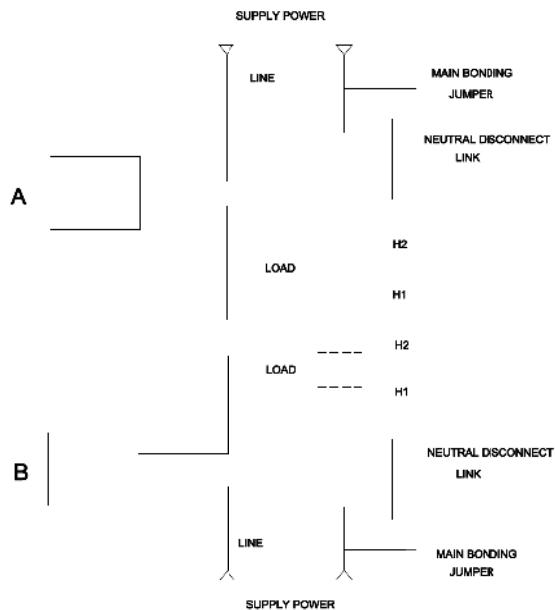
DRAWING F ECN NO. 257650 SHEET 1 OF 2

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

WIRING SCHEMATIC FOR 3200-6000 A NW CIRCUIT BREAKERS



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				

REV. TO ECN NO. BY APP. DATE



GENERAL NOTES

- A. IF LOAD IS CONNECTED TO LOWER END OF CIRCUIT BREAKER, CONNECT THE LOAD NEUTRAL TO THE H1 END OF THE NEUTRAL CURRENT TRANSFORMER.
- B. 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.
- C. CAPACITOR 2.2nF IS PROVIDED WITH CIRCUIT BREAKER.

PROJECT NAME:

GFS CIRCUITRY.

DRAWN BY	BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-005	ASSEM. REF. NO.
DRAWN BY	CC	05/13/04		
CHECKED	BK	05/13/04		
PROJECT APPROVAL	BK	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.	ECN NO. 257650
	SHEET 2 OF 2