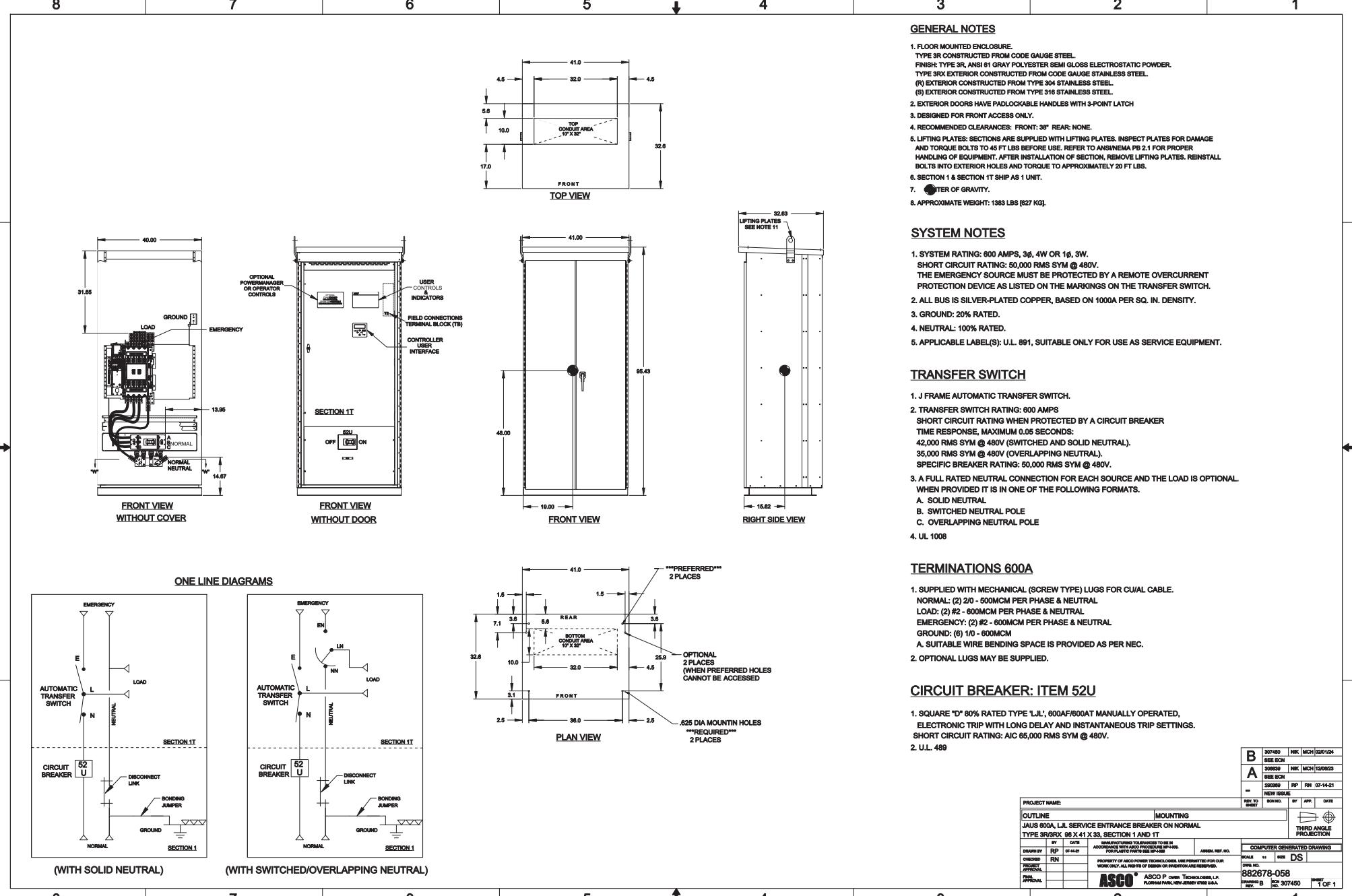


# 600A Automatic Transfer Switch

## Transfer Switch Details

#2	ATS	AMPS: 0600	QTY: 2
Product	: Series 300	Catalog Number	: J03AUSB30600CGXM
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: 4	: 4	Neutral Configuration	: Switched [B]
Withstand Rating:	: See WCR Table Below	No. of Cables & Lug Size	: See Applicable Outline Drawing
Frame = J, Switch Rating = 0600, 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



PROJECT NAME:		NEW ISSUE	
OUTLINE		MOUNTING	
JAUS 600A, LIL SERVICE ENTRANCE BRACKET ON NORMAL TYPE SPRRX 96 X 41 X 33, SECTION 1 AND 1T			
BY	DATE	MANUFACTURER'S DRAWINGS TO BE ACCREDITED BY THE APPROVING AGENCY FOR PLASTIC PARTS TO BE MADE OF POLYPROPYLENE	
DRAWN BY	RP	APRIL 1987	
CHECKED BY	RN	APRIL 1987	
APPROVED BY	PROPERTY OF ASICO POWER TECHNOLOGIES, INC. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED.		
FINAL APPROVAL	ASCO POWER TECHNOLOGIES, L.P. PLATINUM PARK, NEW JERSEY 07654 U.S.A.		
 <b>ASCO</b>		COMPUTER GENERATED DRAWING	
		SCALE	1:1
		INSTR. B	
		REV. B	307450
		INSTR. 1 OF 1	
 <b>B</b> 307450 NRK MCH (02/11/24)  <b>A</b> 306052 NRK MCH (12/02/23)  <b>C</b> 292650 RP RN 07-14-21  <b>D</b> NEW ISSUE  <b>E</b> 306052 NRK MCH (12/02/23)  <b>F</b> 307450 NRK MCH (02/11/24)  <b>G</b> 307450 NRK MCH (02/11/24)  <b>H</b> 307450 NRK MCH (02/11/24)  <b>I</b> 307450 NRK MCH (02/11/24)  <b>J</b> 307450 NRK MCH (02/11/24)  <b>K</b> 307450 NRK MCH (02/11/24)  <b>L</b> 307450 NRK MCH (02/11/24)  <b>M</b> 307450 NRK MCH (02/11/24)  <b>N</b> 307450 NRK MCH (02/11/24)  <b>O</b> 307450 NRK MCH (02/11/24)  <b>P</b> 307450 NRK MCH (02/11/24)  <b>Q</b> 307450 NRK MCH (02/11/24)  <b>R</b> 307450 NRK MCH (02/11/24)  <b>S</b> 307450 NRK MCH (02/11/24)  <b>T</b> 307450 NRK MCH (02/11/24)  <b>U</b> 307450 NRK MCH (02/11/24)  <b>V</b> 307450 NRK MCH (02/11/24)  <b>W</b> 307450 NRK MCH (02/11/24)  <b>X</b> 307450 NRK MCH (02/11/24)  <b>Y</b> 307450 NRK MCH (02/11/24)  <b>Z</b> 307450 NRK MCH (02/11/24)			

## THREE PHASE WIRING FOR **ASCO<sup>®</sup>** 300 SERIES TRANSFER SWITCHES (J3ATS/J3NTS) 600 AMPERES WITH GROUP G CONTROLS

### GENERAL INFORMATION

THIS WIRING APPLIES TO 300 SERIES TRANSFER SWITCHES THAT UTILIZE THE "J" FRAME POWER TRANSFER SWITCH RATED 600 AMPERES.

THE GROUP G CONTROLLER PROVIDES EITHER AUTOMATIC (J3ATS) OR NON-AUTOMATIC (J3NTS) OPERATION BASED ON ITS FACTORY SETTING ACCORDING TO THE CUSTOMER ORDER REQUIREMENTS.

THE TYPE OF TRANSFER SWITCH PROVIDED CAN BE DETERMINED FROM THE PRODUCT IDENTIFICATION MARKINGS LOCATED ON BOTH THE POWER TRANSFER SWITCH AND THE COVER OF THE GROUP G CONTROLLER.

ALL OPERATIONAL SETTINGS AND SEQUENCES OF THE GROUP G CONTROLLER AND ITS RELATED OPTIONAL ACCESSORIES (18RX, 18K, 25G) ARE PROVIDED IN THE USER'S GUIDE FOR THE ASCO GROUP G CONTROLLER FOR AUTOMATIC & NON-AUTOMATIC TRANSFER SWITCHES, PART NUMBER 381333-400.

INFORMATION FOR INSTALLATION AND TESTING OF THE TRANSFER SWITCH IS PROVIDED IN THE INSTALLATION MANUAL, ASCO 3ATS/3NTS, 3MOTS & 3MNTS, J-DESIGN 150-600 A TRANSFER SWITCHES, PART NUMBER 381333-404.

#### ENGINE CONTROL CONTACTS

**FEATURE 8 & FEATURE 9:** ONE SET OF FORM C CONTACTS "NR1" (FEAT. 7 NC, FEAT. 8 NO) THAT CHANGE POSITION ON EXPIRATION OF THE FEATURE 1C, OVERRIDE MOMENTARY NORMAL SOURCE OUTAGES TIME DELAY, AND RESET ON EXPIRATION OF THE FEATURE 2E ENGINE COOLDOWN TIME DELAY.

AN AUXILIARY CONTACT THAT IS CLOSED WHEN THE TRANSFER SWITCH IS CONNECTED TO THE EMERGENCY SOURCE, IS CONNECTED ACROSS THE NC CONTACT (FEATURE 7).

AN ADDITIONAL SET OF ENGINE STARTING CONTACTS ARE AVAILABLE ON THE GROUP G CONTROLLER WHEN THE FEATURE SETTING OF THE CONTROLLER OUTPUT CONTACTS "OP1" IS SET TO OPERATE AS "NR2".

ADDITIONAL OPTIONAL ENGINE STARTING CONTACTS "NR2" ARE AVAILABLE WHEN OPTIONAL ACCESSORY 18RX (RELAY EXPANSION MODULE) IS INCLUDED IN THE TRANSFER SWITCH ASSEMBLY. OUTPUT CONTACTS "OP2" AND/OR "OP3" WILL PROVIDE SIGNAL FUNCTIONS WHEN THE FEATURE SETTING OF EACH IS SET TO OPERATE AS "NR2".

CONTACTS ARE RATED 5 AMPS RESISTIVE AT 30 VDC MAXIMUM, 100 mA AT 5 VDC MINIMUM.

REFER TO USER'S GUIDE, ASCO GROUP G CONTROLLER FOR AUTOMATIC & NON-AUTOMATIC TRANSFER SWITCHES, PART NUMBER 381333-400 FOR SETTING INFORMATION.

#### LOAD DISCONNECT FEATURE

**FEATURE 31:** INCLUDES SUB-FEATURES 31F, 31G, 31M, 31N

A SET OF FORM C CONTACTS ARE PROVIDED ON THE GROUP G CONTROLLER AS "OP1". WHEN THE FEATURE SETTING OF "OP1" IS SET TO OPERATE THE CONTACTS AS "FEATURE 31", THE TIME DELAY SETTINGS OF THE SUB-FEATURES ARE AVAILABLE.

"OP1" CAN BE SET TO OPERATE TO PROVIDE THE FOLLOWING FUNCTIONS USING THE TIME DELAY SETTINGS ASSOCIATED WITH EACH SUB-FEATURE:

31F - NORMAL TO EMERGENCY PRE-TRANSFER SIGNAL  
31G - EMERGENCY TO NORMAL PRE-TRANSFER SIGNAL  
31M - NORMAL TO EMERGENCY POST-TRANSFER SIGNAL  
31N - EMERGENCY TO NORMAL POST-TRANSFER SIGNAL

THE "OP1" OUTPUT CONTACTS CHANGE POSITION FOLLOWING EACH OF THE ABOVE TIME DELAYS.

ADDITIONAL LOAD DISCONNECT CONTACTS, "FEATURE 31" ARE AVAILABLE WHEN OPTIONAL ACCESSORY 18RX (RELAY EXPANSION MODULE) IS INCLUDED IN THE TRANSFER SWITCH ASSEMBLY. OUTPUT CONTACTS "OP2" AND/OR "OP3" WILL PROVIDE LOAD DISCONNECT FUNCTIONS WHEN THE FEATURE SETTING OF EACH IS SET TO OPERATE AS "FEATURE 31".

ALL OUTPUT CONTACTS "OP1", "OP2", "OP3" SET TO OPERATE AS "FEATURE 31", SHARE THE COMMON TIME DELAY SETTINGS OF SUB-FEATURES 31F, 31G, 31M, AND 31N.

CONTACTS ARE RATED 5 AMPS RESISTIVE AT 30 VDC MAXIMUM, 100 mA AT 5 VDC MINIMUM.

REFER TO USER'S GUIDE, ASCO GROUP G CONTROLLER FOR AUTOMATIC & NON-AUTOMATIC TRANSFER SWITCHES, PART NUMBER 381333-400 FOR SETTING INFORMATION.

#### INPHASE TRANSFER FEATURE FOR LOAD TRANSFER

INPHASE TRANSFER CONTROLS AN INPHASE TRANSFER OF LOADS BETWEEN LIVE SOURCES. THIS IS USED TO PREVENT NUISANCE TRIPPING OF DISTRIBUTION CIRCUIT BREAKERS AND POSSIBLE DAMAGE TO MECHANICAL LOADS ASSOCIATED WITH OUT OF PHASE TRANSFER.

REFER TO USER'S GUIDE, ASCO GROUP G CONTROLLER FOR AUTOMATIC & NON-AUTOMATIC TRANSFER SWITCHES, PART NUMBER 381333-400 FOR SETTING INFORMATION.

#### SOURCE AVAILABILITY SIGNALS

SIGNALS INDICATING THE AVAILABILITY OF THE NORMAL & EMERGENCY SOURCES IS PROVIDED WHEN OPTIONAL ACCESSORY 18RX (RELAY EXPANSION MODULE) IS INCLUDED IN THE TRANSFER SWITCH ASSEMBLY. OUTPUT CONTACTS "RL1" (EMERGENCY SOURCE AVAILABLE) AND "RL0" (NORMAL SOURCE AVAILABLE) CHANGE POSITION WHEN THE SOURCE IS ACCEPTABLE.

CONTACTS ARE RATED 5 AMPS RESISTIVE AT 30 VDC MAXIMUM, 100 mA AT 5 VDC MINIMUM.

#### NOTES

1. SWITCH SHOWN DE-ENERGIZED CONNECTED TO NORMAL SOURCE.  
2. SEE SYMBOLS AND DESIGNATIONS ARE IN ACCORDANCE WITH NEMA PUB. ICS 1, PART 1-101A.  
3. INDICATES CUSTOMER CONNECTION POINTS.  
4. INDICATES FACTORY CONNECTION POINTS.  
5. CONNECTION POINTS THAT HAVE BOTH CUSTOMER CONNECTIONS AND FACTORY CONNECTIONS ARE SHOWN OPEN AS CUSTOMER CONNECTION POINTS.

6. THE CONTROL PANEL IS MOUNTED ON THE BACK INSIDE SURFACE OF THE ENCLOSURE. THE CONTROL PANEL AND ANY OPTIONAL ACCESSORIES ARE MOUNTED ON THE INSIDE SURFACE OF THE DOOR.  
7. AN OPERATOR'S MANUAL IS FURNISHED WITH EACH AUTOMATIC TRANSFER SWITCH. THIS MANUAL SHOULD BE REFERRED TO THIS PUBLICATION PRIOR TO INSTALLATION AND OPERATION OF THE SWITCH.  
8. GROUND STRAP ON CONTROL PANEL IS AFFIXED TO CHASSIS (ENCLOSURE) AT LOWER LEFT CONTROL PANEL MOUNTING STUD.

#### COMMON ALARM & NOT IN AUTO SIGNALING FEATURES

A SET OF FORM C CONTACTS IS PROVIDED ON THE GROUP G CONTROLLER AS "OP1". THE FEATURE SETTING OF "OP1" CAN BE SET TO OPERATE THE CONTACTS AS A "NOT IN AUTO" SIGNAL.

WHEN "OP1" IS SET FOR "NOT IN AUTO", THE OUTPUT CONTACTS CHANGE POSITION WHEN THE TRANSFER IS BEING INHIBITED FROM TRANSFERRING TO THE EMERGENCY SOURCE (FEATURE 34B) OR THE TRANSFER SWITCH HAS BEEN SET FOR NON-AUTOMATIC (MANUAL) OPERATION.

WHEN OPTIONAL ACCESSORY 18E (SOFTWARE BUNDLE) IS PART OF THE TRANSFER SWITCH ASSEMBLY, IT MAY ALTERNATIVELY PROVIDE A "COMMON ALARM" SIGNAL. THE OUTPUT CONTACTS CHANGE POSITION WHEN A COMMON ALARM IS NOT PRESENT AND RESET WHEN A "COMMON ALARM" CONDITION IS PRESENT. THE "COMMON ALARM" SIGNAL CONDITIONS ARE SELECTABLE.

ADDITIONAL "COMMON ALARM" & "NOT IN AUTO" CONTACTS ARE AVAILABLE WHEN OPTIONAL ACCESSORY 18RX (RELAY EXPANSION MODULE) IS INCLUDED IN THE TRANSFER SWITCH ASSEMBLY. OUTPUT CONTACTS "OP2" AND/OR "OP3" WILL PROVIDE SIGNAL FUNCTIONS WHEN THE FEATURE SETTING OF EACH IS SET TO OPERATE AS "COMMON ALARM" OR "NOT IN AUTO".

CONTACTS ARE RATED 5 AMPS RESISTIVE AT 30 VDC MAXIMUM, 100 mA AT 5 VDC MINIMUM.

REFER TO USER'S GUIDE, ASCO GROUP G CONTROLLER FOR AUTOMATIC & NON-AUTOMATIC TRANSFER SWITCHES, PART NUMBER 381333-400 FOR SETTING INFORMATION.

#### EXTERNAL POWER SUPPLY COMPATIBILITY

USE OF AN EXTERNAL POWER SUPPLY IS USEFUL WHEN REQUIRED TO EXTEND THE FOLLOWING CONTROLLER TIME DELAYS BEYOND 6 SECONDS:

FEATURE 1C - OVERRIDE MOMENTARY NORMAL SOURCE OUTAGES  
FEATURE 1F - OVERRIDE MOMENTARY EMERGENCY SOURCE OUTAGES

AN EXTERNAL POWER SUPPLY IS ALSO USEFUL WHEN THE TRANSFER SWITCH IS USED WITH COMMUNICATIONS FEATURES BY ENABLING THE CONTROLLER TO CONTINUE COMMUNICATING.

AN EXTERNAL POWER SOURCE MAY BE PROVIDED TO THE CONTROLLER, UNTIL THE NORMAL SOURCE OR EMERGENCY SOURCE IS AVAILABLE, BY ONE OF:

- AN EXTERNAL 24 VDC POWER SUPPLY WITH ACCESSORY 18RX (RELAY EXPANSION MODULE)  
OR  
- OPTIONAL ACCESSORY UP (UNINTERRUPTIBLE POWER SOURCE MODULE)

EXTERNAL 24 VDC POWER SUPPLY "18G":  
AN EXTERNAL 24 VDC POWER SUPPLY MAY BE USED TO POWER THE CONTROLLER WHEN OPTIONAL ACCESSORY 18RX (RELAY EXPANSION MODULE) IS INCLUDED IN THE TRANSFER SWITCH ASSEMBLY. OUTPUT CONTACTS "OP2" WILL PROVIDE EXTERNAL 24 VDC POWER SUPPLY FUNCTIONALITY WHEN ITS FEATURE SETTING IS SET TO OPERATE AS "1G". ADDITIONALLY, JUMPERS MUST BE RECONFIGURED ON ACCESSORY 18RX (RELAY EXPANSION MODULE) TO ENABLE THIS FUNCTION AS FOLLOWS:

REMOVE JUMPERS "11-2 & 11-4"  
CONNECT JUMPERS "11-5 & 11-6"

THE OUTPUT CONTACTS CHANGE POSITION WHEN EITHER THE NORMAL SOURCE OR EMERGENCY SOURCE IS AVAILABLE AND RESET WHEN NEITHER SOURCE IS AVAILABLE. THE "OP2" NC CONTACT SWITCHES CUSTOMER PROVIDED +24 VDC FROM THE EXTERNAL POWER SUPPLY TO THE CONTROLLER.

REFER TO USER'S GUIDE, ASCO GROUP G CONTROLLER FOR AUTOMATIC & NON-AUTOMATIC TRANSFER SWITCHES, PART NUMBER 381333-400 FOR SETTING INFORMATION.

#### ACCESSORY UP (UNINTERRUPTIBLE POWER SUPPLY):

WHEN OPTIONAL ACCESSORY UP IS INCLUDED IN THE TRANSFER SWITCH ASSEMBLY, THE CONTROLLER IS PROVIDED WITH LIMITED RESERVE POWER (APPROXIMATELY 3 MINUTES).

#### LOAD CURRENT METERING

WHEN OPTIONAL ACCESSORY 230B IS PART OF THE TRANSFER SWITCH ASSEMBLY, THREE PHASE CURRENT MEASUREMENTS ARE AVAILABLE FOR DISPLAY ON THE GROUP G CONTROLLER.

REFER TO USER'S GUIDE, ASCO GROUP G CONTROLLER FOR AUTOMATIC & NON-AUTOMATIC TRANSFER SWITCHES, PART NUMBER 381333-400 FOR INFORMATION ON USE.

#### ADVANCED-FUNCTION SOFTWARE BUNDLE

WHEN OPTIONAL ACCESSORY 18E IS PART OF THE TRANSFER SWITCH ASSEMBLY, AN ADVANCED-FUNCTION SOFTWARE BUNDLE IS AVAILABLE TO PERFORM THE FOLLOWING FUNCTIONS:

- SERIAL COMMUNICATIONS (RS-485)  
- PROGRAMMABLE ENGINE EXERCISER  
- EVENT LOG  
- COMMON ALARM SIGNAL CAPABILITY ON GROUP G CONTROLLER "OP1" OUTPUT.

(3) PHASE SENSING ONLY

- 3-PHASE SOURCE SENSING  
- 3-PHASE ROTATION SENSING  
- EMERGENCY VOLTAGE UNBALANCE SENSING

REFER TO USER'S GUIDE, ASCO GROUP G CONTROLLER FOR AUTOMATIC & NON-AUTOMATIC TRANSFER SWITCHES, PART NUMBER 381333-400 FOR INFORMATION ON THESE FUNCTIONS.

#### NON-AUTOMATIC (MANUAL) OPERATION

TRANSFER SWITCH ASSEMBLY FACTORY SET FOR NON-AUTOMATIC OPERATION PROVIDES USER INITIATED ELECTRICAL OPERATION OF THE TRANSFER SWITCH TO THAT AVAILABLE SOURCE. THE TRANSFER SWITCH ASSEMBLY IS PHYSICALLY IDENTICAL TO THAT OF THE AUTOMATIC TYPE.

WHEN THE TRANSFER SWITCH IS SET FOR NON-AUTOMATIC OPERATION, A CUSTOMER PROVIDED SELECTOR SWITCH MAY BE USED TO OPERATE IT FROM A REMOTE LOCATION.

#### REMOTE CONTROL FEATURES

THE FOLLOWING CONTROL PANEL INPUTS PROVIDE REMOTE CONTROL FUNCTIONS FOR THE TRANSFER SWITCH. EACH FUNCTION CAN BE IMPLEMENTED BY THE CUSTOMER PROVIDING THE FORM OF CONTROL DESCRIBED. EACH CONTROL CONTACT MUST BE SUITABLE FOR A 5 VDC LOW ENERGY CIRCUIT.

EXTERNAL FEATURE 1E: REMOTE TRANSFER TO EMERGENCY FEATURE (FOR AUTOMATIC TRANSFER TYPE ONLY) - REQUIRES A CUSTOMER SUPPLIED, NORMALLY CLOSED CONTACT. OPENING OF THE CONTACT CAUSES ENGINE START AND TRANSFER TO THE EMERGENCY SOURCE. RE-CLOSURE OF THE CONTACT ACTIVATES THE "OP2" NC CONTACT AND NORMAL POWER (IF JUST RESTARTED) IS RESTORED. TO RETRANSFER, IN THE EVENT THAT THE EMERGENCY SOURCE FAILS WHILE THE TRANSFER SWITCH IS CONNECTED TO EMERGENCY AND THE CUSTOMER SUPPLIED CONTACT IS OPEN, THE TRANSFER SWITCH WILL AUTOMATICALLY RETRANSFER TO THE NORMAL SOURCE.

EXTERNAL FEATURE 1F: REMOTE BYPASS OF RETRANSFER TO NORMAL TIME DELAY - REQUIRES A CUSTOMER SUPPLIED, NORMALLY CLOSED CONTACT. OPENING OF THE CONTACT BYPASSES FEATURE 3A RETRANSFER TO NORMAL DELAY IF ACTIVE.

REFER TO USER'S GUIDE, ASCO GROUP G CONTROLLER FOR AUTOMATIC & NON-AUTOMATIC TRANSFER SWITCHES, PART NUMBER 381333-400 FOR SETTING INFORMATION.

#### CATALOG NUMBER SUFFIXES

TS CATALOG NUMBER SUFFIXES  
FRAME TYPE NEUTRAL PHASE POLES VOLT AMPS VOLT CODE CONTROLLER OPTIONAL ENCLOSURE CODE

J SATS A 3 600 C D E F G H I K L M N P Q R G X

BLANK FOR NONE BLANK FOR OPEN TYPE

#### EXPLANATION OF CATALOG NUMBER CODES

NEUTRAL TYPE VOLTAGE CODES & PHASES  
CODES 60 OR 60 Hz

CODE CODE

CODE TYPE

DESCRIPTION

OPEN TYPE (NO ENCLOSURE)  
GENERAL PURPOSE, INDOOR

OUTDOOR, RAINPROOF, SLEET & ICE RESISTANT  
INDOOR/OUTDOOR, WATERTIGHT & DUSTTIGHT

TYPE 4 PLUS CORROSION RESISTANCE (STAINLESS STEEL)  
INDOOR, INDUSTRIAL ENVIRONMENTS, ULTRALIGHT & DUSTTIGHT

(SECURE ENCLOSURES)  
OUTDOOR, RAINPROOF, SLEET & ICE RESISTANT  
INDOOR/OUTDOOR, WATERTIGHT & DUSTTIGHT

TYPE 4 PLUS CORROSION RESISTANCE (STAINLESS STEEL)  
INDOOR, INDUSTRIAL ENVIRONMENTS, ULTRALIGHT & DUSTTIGHT

#### CATALOG NUMBER

CERTIFIED TO

S.O.

BY DATE

FORM REV G

PROJECT NAME:

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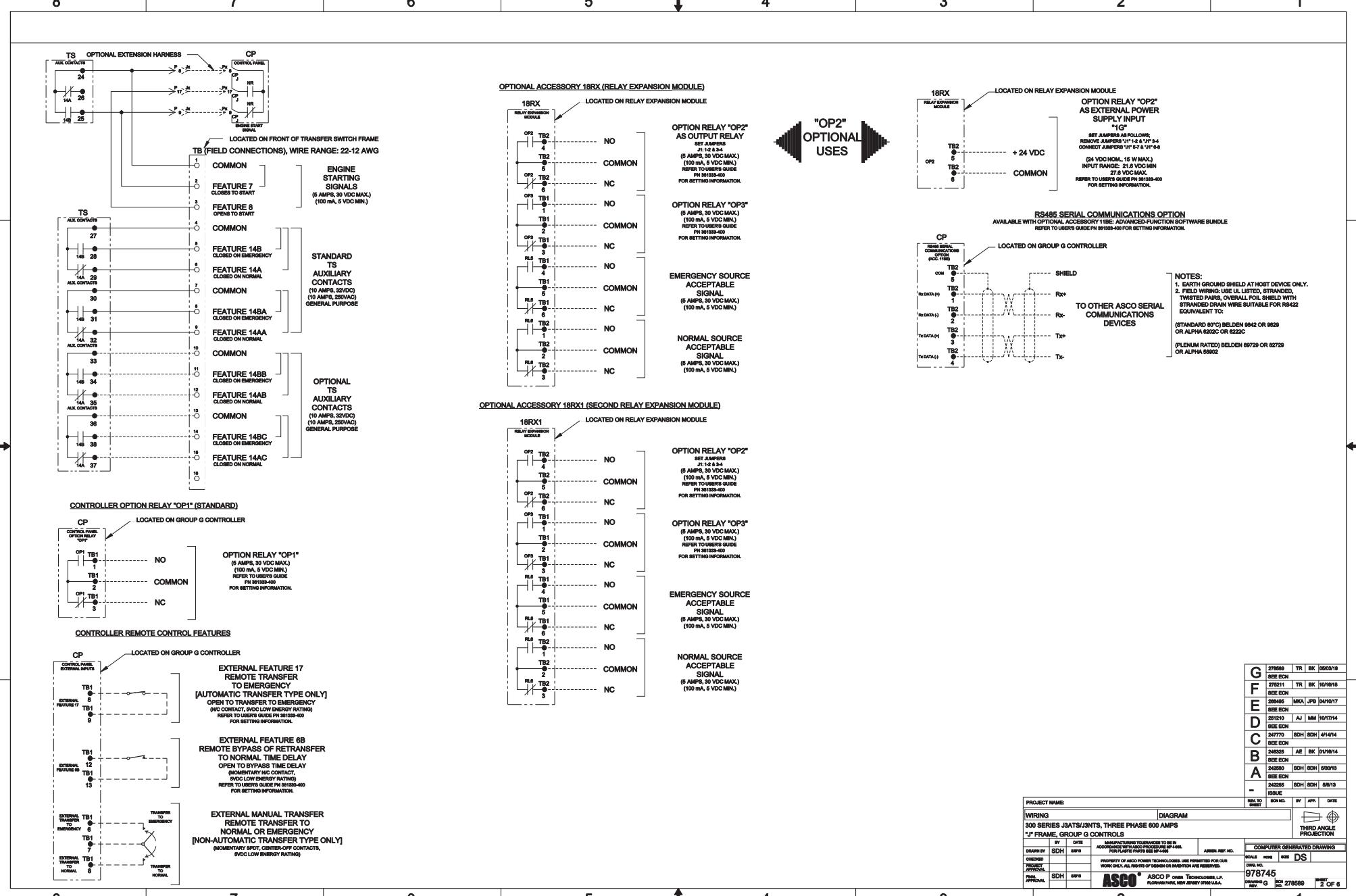
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300 SERIES J3ATS/J3NTS, THREE PHASE 600 AMPS

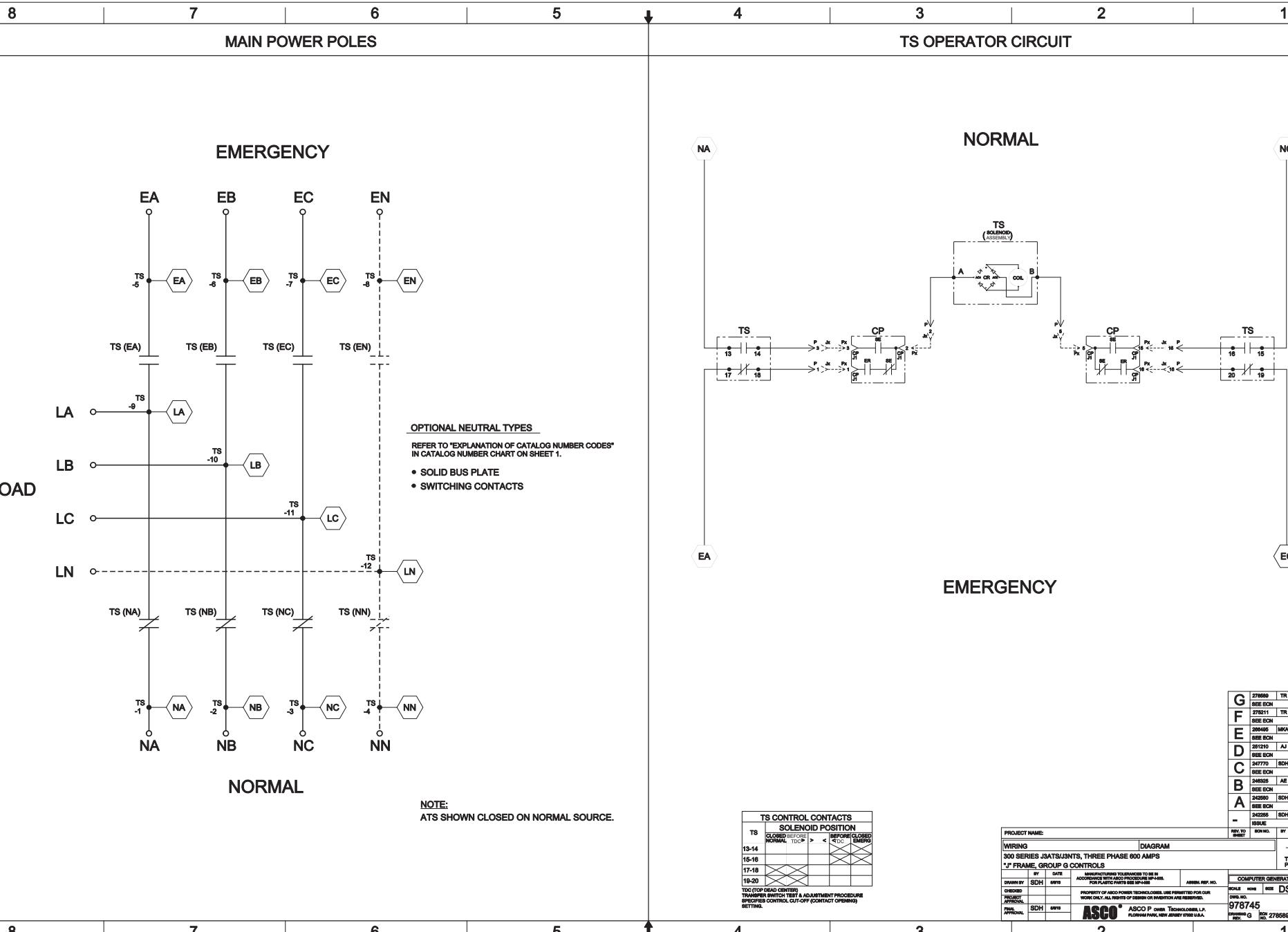
"J" FRAME, GROUP G CONTROLS

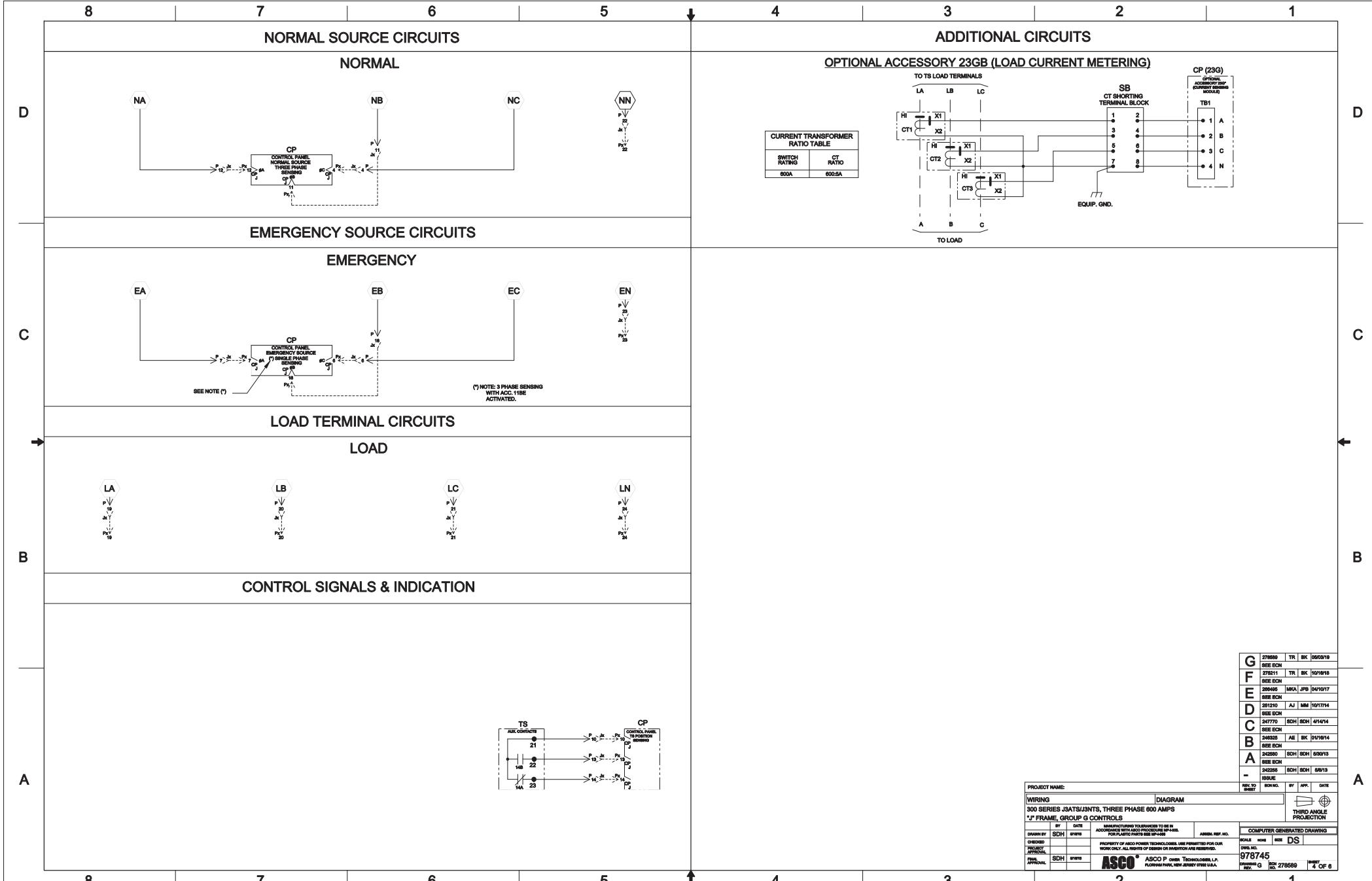
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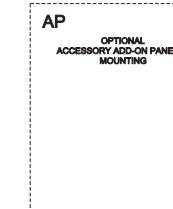
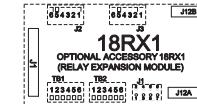
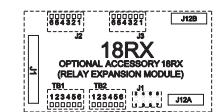
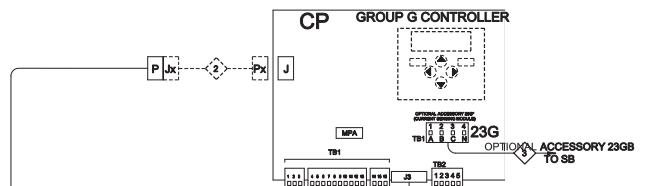
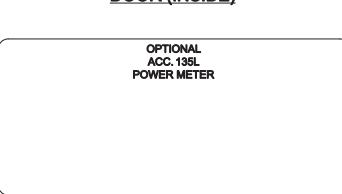
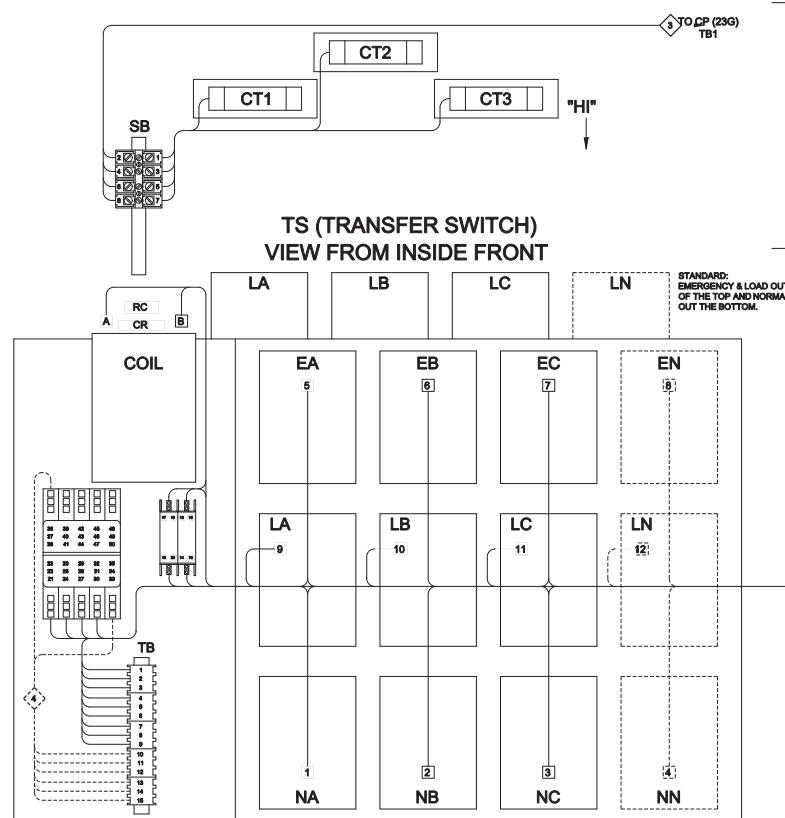
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BUK			
THIRD ANGLE PROJECTION			
COMPUTER GENERATED DRAWING			
PRINT NO.	NAME	DS	
EVAL NO.			
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CAT NO.		2785889	PRINT 2 OF 8





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## PHYSICAL DIAGRAM



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D	261511	AJ	MM	10171714
C	247770	SDH	SDH	414454
B	246525	AE	BK	01161914
A	242690	SDH	SDH	530913
-	242265	SDH	SDH	58913

ISSUE BY DRAWING BY APPL. DATE  
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\*J FRAME, GROUP G CONTROLS  
DRAWN BY SDH DATE 04/10/2018  
REVIEWED BY SDH DATE 04/10/2018  
APPROVED BY SDH DATE 04/10/2018  
COMPUTER GENERATED DRAWING  
ASCO P. O. BOX 278589  
FLORHAM PARK, NEW JERSEY 07945 U.S.A.  
978745  
DRAWN BY SDH DATE 04/10/2018  
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SCALE: 1:100  
DWS: DS  
DRAWING NO. 978745  
DRAWING Q. 278589  
5 OF 6

8 7 6 5 4 3 2 1

DOOR HINGE  
BONDING STRAP  
PN 098523-019

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1

## WIRE RUN LISTING

HARNESS LOCATOR		REV. NUMBER (P) MAIN TNS	CLR	AW
1	→			18
2	P-2-TS-18			
3	P-3-TS-14			
4	P-4-TS-15			
5	P-5-TS-8			
6	P-6-TS-18			
7	P-7-TS-6			
7	TS-4-TS-17			
8	P-8-TS-23			
8	TS-24-TB-1			
9	P-9-TS-26			
9	TS-19-TB-2			
10	P-10-TS-21			
11	P-11-TS-2			
12	P-12-TS-1			
12	TS-18-TS-13			
13	P-13-TS-22			
14	P-14-TS-23			
14	TS-15-TS-18			
16	P-16-TS-20			
17	P-17-TS-3			
18	P-18-TS-8			
19	P-19-TS-9			
20	P-20-TS-10			
21	P-21-TS-11			
22	P-22-TS-4			
23	P-23-TS-4			
24	P-24-TS-12			
25	TS-27-TB-4			
26	TS-28-TB-5			
27	TS-29-TB-6			
31	TS-30-TB-7			
32	TS-31-TB-8			
33	TS-32-TB-9			
 <b>REMOVE WIRES</b>				
 <b>ADD WIRES</b>				

HARNES LOCATOR		DISCONNECTED WIRES	<input type="checkbox"/>	AV
WIRE NO. 305320-005 (P/N: 305320-005) EXTENSION HARNESS		CLR		
1 Px1,Jx-1		18		
2 Px2,Jx-2				
3 Px3,Jx-3				
4 Px4,Jx-4				
5 Px5,Jx-5				
6 Px6,Jx-6				
7 Px7,Jx-7				
8 Px8,Jx-8				
9 Px9,Jx-9				
10 Px10,Jx-10				
11 Px11,Jx-11				
12 Px12,Jx-12				
13 Px13,Jx-13				
14 Px14,Jx-14				
15 Px15,Jx-15				
16 Px16,Jx-16				
24 Px17,Jx-17				
25 Px18,Jx-18				
28 Px19,Jx-19				
27 Px20,Jx-20				
29 Px21,Jx-21				
25 Px22,Jx-22				
30 Px23,Jx-23				
31 Px24,Jx-24				
REMOVE WIRES				
ADD WIRES				

G		278590	TR	SK	080319
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F		278211	TR	SK	10/19/19
E		SEE BCH			
E		268498	MKA	JMB	04/10/17
D		SEE BCH			
D		201210	AJ	MM	10/17/14
C		SEE BCH			
C		247770	TR	SH	4/14/14
C		SEE BCH			
B		248325	AE	SK	09/19/14
B		SEE BCH			
A		242650	SOH	SH	06/13/13
A		SEE BCH			
-		242265	SOH	SH	06/13
-		SEE BCH			
-		ISSUE			
REV TO	REISSUE	SOH NO.	BY	APP.	DATE
THIRD ANGLE PROJECTION					

8

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