

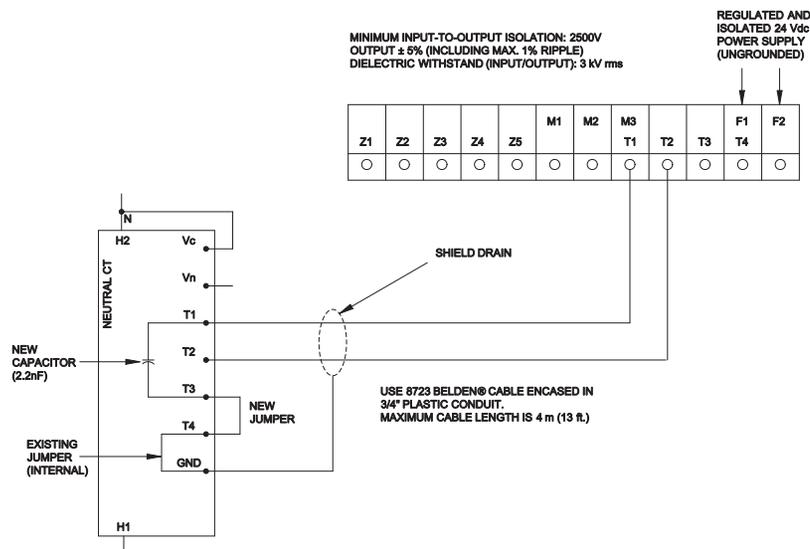
ATS Submittal

Transfer Switch Details

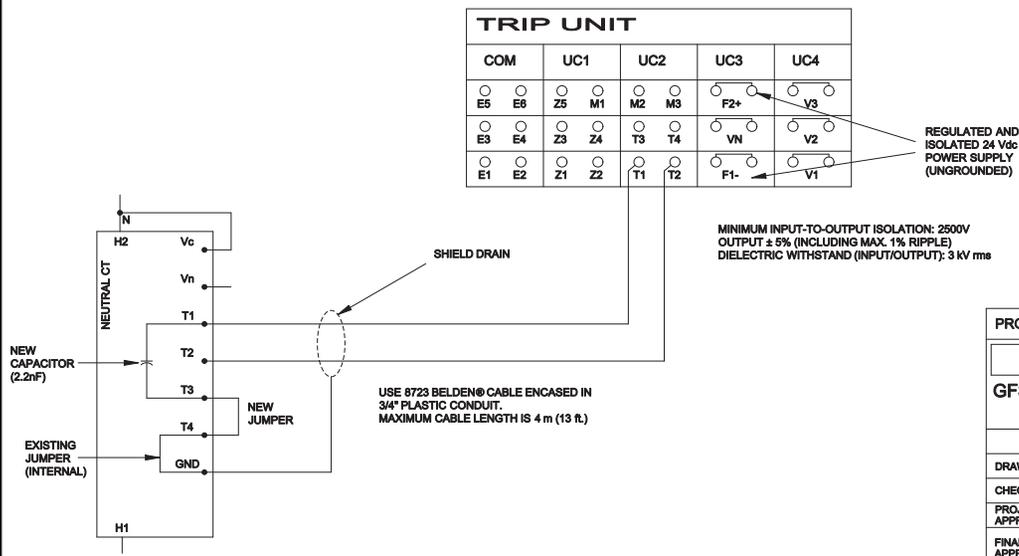
#1	ATS	AMPS: 1200	QTY: 1
Product	: Series 300	Catalog Number	: H03AUSB31200NGXM
Service Voltage / Hz	: 480V/60Hz	Optional Accessories	: 11BE,44G, 119M1
Bypass Isolation	: Not Applicable	Product Description	: 300 Series, Automatic Service Entrance Transfer Switch
No. of Switched Poles: 4	: 4	Neutral Configuration	: Switched [B]
Withstand Rating:	: See WCR Table Below	No. of Cables & Lug Size	: See Applicable Outline Drawing
Frame = H, Switch Rating = 1200, 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
3	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.

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:

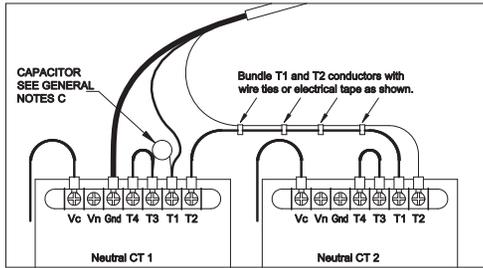
REV. TO SHEET	ECN NO.	BY	APP.	DATE
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GFS CIRCUITRY.



DRAWN BY	CC	DATE	05/13/04	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-4-003. FOR PLASTIC PARTS SEE MP-4-055	ASSEM. REF. NO.	COMPUTER GENERATED DRAWING		
CHECKED	BK	DATE	05/13/04			SCALE	SIZE	BS
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.			DWG. NO.	758574
FINAL APPROVAL		DATE		ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.			DRAWING REV.	ECN NO. 257650
							SHEET	1 OF 2

WIRING SCHEMATIC FOR 3200-6000 A NW CIRCUIT BREAKERS

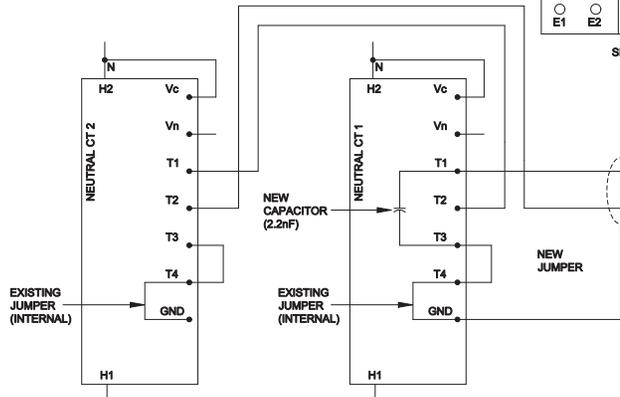


TRIP UNIT									
COM		UC1		UC2		UC3		UC4	
○ E5	○ E8	○ Z5	○ M1	○ M2	○ M3	○ F2+	○ V3	○ V1	○ V2
○ E3	○ E4	○ Z3	○ Z4	○ T3	○ T4	○ VN	○ V2	○ V1	○ V2
○ E1	○ E2	○ Z1	○ Z2	○ T1	○ T2	○ F1-	○ V1	○ V1	○ V2

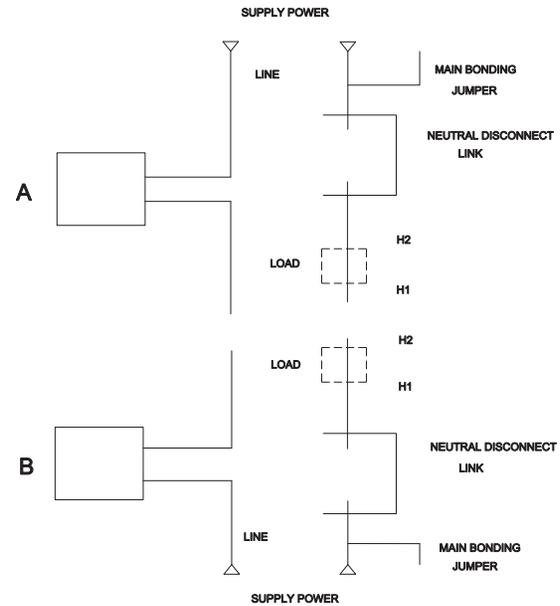
REGULATED AND ISOLATED 24 Vdc POWER SUPPLY (UNGROUNDING)

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:

GFS CIRCUITRY.

	BY	DATE
DRAWN BY	CC	05/13/04
CHECKED	BK	05/13/04
PROJECT APPROVAL	BK	05/13/04
FINAL APPROVAL		

MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-4-003. FOR PLASTIC PARTS SEE MP-4-055

ASSEM. REF. NO.

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

REV. TO SHEET	ECN NO.	BY	APP.	DATE



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