

REAR VIEW

FRONT VIEW
(DOOR REMOVED)

RIGHT SIDE VIEW

NOTES:

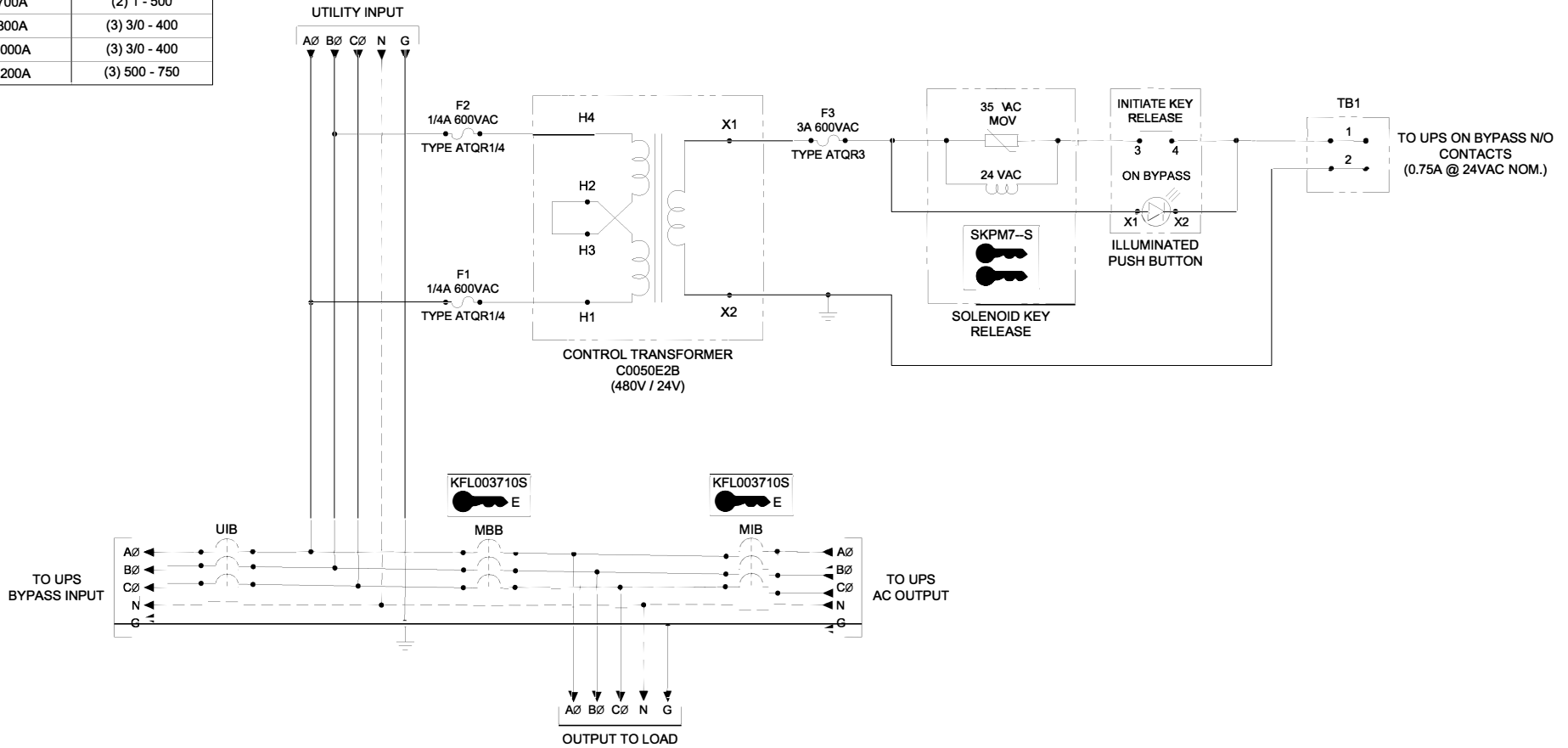
1. APPROXIMATE WEIGHT: 400 LBS.
2. ASSEMBLY IS UL/CUL LISTED TO UL 891 AND C22.2 NO. 244.
3. NEMA 1 WALL MOUNT ENCLOSURE.
4. THE BOX AND TRIM ARE CONSTRUCTED OF GALVANIZED STEEL.
5. THE TRIM FINISH IS POWDER COATED ON ALL EXTERNAL AND VISIBLE SURFACES, BOX AND ALL INTERNAL MOUNT BRACKETS ARE GALVANIZED FINISH.
6. THE CABINET IS TO BE MOUNTED THROUGH Ø0.531" HOLES IN THE BACK OF THE ENCLOSURE.

90882 SERIES MAINTENANCE BYPASS BREAKER PANEL			
700A-1200A, 480V, 3Ø/3W OR 4W, 3 BREAKER WITH SKRU			
INTERLOCK CONFIGURATION 42			
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DIMENSIONS ARE IN INCHES	INITIALS	DATE	
TOLERANCES:	DRAWN	CH 9/20/2018	
DECIMALS: .XX ±.13	ANGLES: ±1°	CHECKED	
XXX ±.082	CH	9/20/2018	
SCALE: SIZE: A	REV: 1	SHEET 1 OF 2	
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DRAWING # 90882-1200-C42-SD01-1 REV 1

CIRCUIT BREAKER OPTIONS		
TRIP SIZE	TRIP TYPE	AIC
700A	TMAG (80%)	50K OR 65K
800A	TMAG (80%)	50K OR 65K
320-800A (ADJUSTABLE)	LS, LSI, LSIG, ALSI, ALSIG (80% OR 100%)	50K OR 65K
500-1200A (ADJUSTABLE)	LS, LSI, LSIG, ALSI, ALSIG (80% OR 100%)	50K OR 65K

CIRCUIT BREAKER TERMINAL INFO	
TRIP SIZE	WIRE RANGE
700A	(2) 1 - 500
800A	(3) 3/0 - 400
1000A	(3) 3/0 - 400
1200A	(3) 500 - 750



NOTES:

- "UIB" UPS INPUT BREAKER
- "MBB" MAINTENANCE BYPASS BREAKER
- "MIB" MAINTENANCE ISOLATION BREAKER
- ALL INTERNAL CONNECTIONS BETWEEN "UIB", "MBB" AND "MIB" ARE MADE USING COPPER BUS BARS
- OPTIONAL 1200A RATED NEUTRAL BUS PROVIDED WITH MECHANICAL LUGS THAT ACCEPT A TOTAL OF (12) #4 - 600 MCM CABLES.
- GROUND LUG ACCEPTS (3) #6 - 350 MCM CABLES.
- MECHANICAL LUGS USED FOR THE UTILITY INPUT & THE OUTPUT LOAD HAVE THE SAME WIRE RANGE AS THE CIRCUIT BREAKERS.
- VOLTAGE BETWEEN THE AØ AND BØ MUST BE 480V±10% FOR THE SKRU CIRCUIT TO FUNCTION PROPERLY.
- THIS DRAWING IS TO BE USED FOR ELECTRICAL PURPOSES ONLY AND DOES NOT REPRESENT THE ACTUAL MECHANICAL LAYOUT OF THE EQUIPMENT.

KIRK KEY NOTES:

- THE "E" OR "W" NEXT TO THE INTERLOCK INDICATES THE POSITION OF THE INTERLOCK BOLT WHEN THE KEY IS REMOVABLE. "E" = EXTENDED AND "W" = WITHDRAWN.
- THE KEY OR KEYS NEXT TO THE INTERLOCK INDICATES THE KEY NUMBER THAT FUNCTIONS WITH THE INTERLOCK.

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DIMENSIONS ARE IN INCHES	INITIALS	DATE	
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DECIMALS: .001	ANGLES: ±1°	CHECKED CH	9/20/2018
JXX ±.13			
.XXX ±.082			
SCALE: SIZE: A	REV: 1	SHEET 2 OF 2	
NTS		© 2018 C&C POWER, INC. ALL RIGHTS RESERVED	

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