

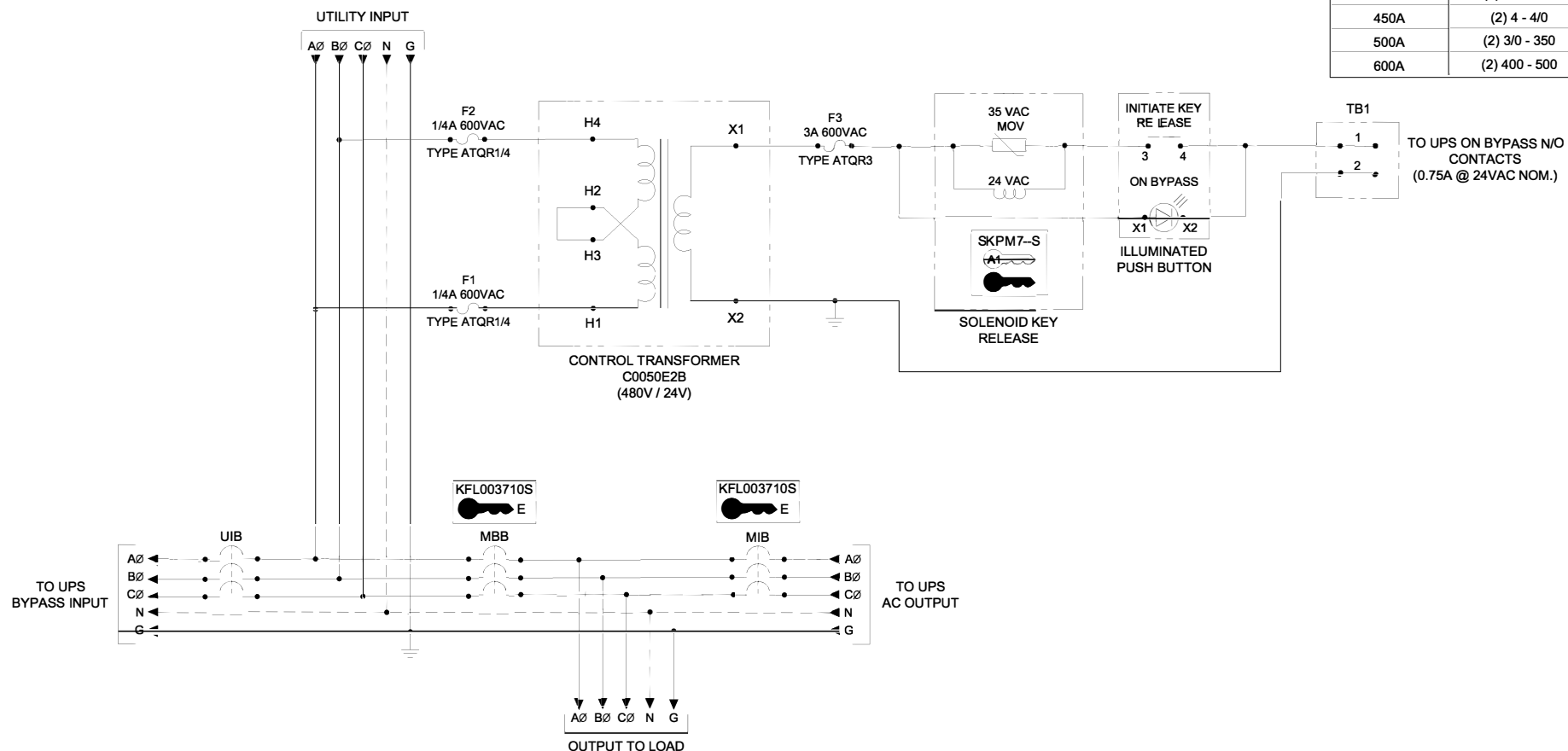
NOTES:

1. APPROXIMATE WEIGHT: 250 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			
250A-600A, 480V, 3Ø 3W OR 4W, 3 BREAKER WITH SKRU			
INTERLOCK CONFIGURATION 42			
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DIMENSIONS ARE IN INCHES	INITIALS	DATE	
TOLERANCES:	DRAWN	ABB 12/10/2018	
DECIMALS: .13	ANGLES:	CHECKED	
XXX ±.082	±1"	ABB 12/10/2018	
SCALE: NTS	SIZE: A	REV: 2	SHEET 1 OF 2
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CIRCUIT BREAKER OPTIONS		
TRIP SIZE	TRIP TYPE	AIC
450A	TMAG (80%)	35K OR 65K
500A	TMAG (80%)	35K OR 65K
600A	TMAG (80%)	35K OR 65K
250-600A (ADJUSTABLE)	LS, LSI, ALSI (80% OR 100%)	35K OR 65K

CIRCUIT BREAKER TERMINAL INFO	
TRIP SIZE	WIRE RANGE
250-400A	(1) 4/0 - 600
450A	(2) 4 - 4/0
500A	(2) 3/0 - 350
600A	(2) 400 - 500



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 1000A RATED NEUTRAL BUS PROVIDED WITH MECHANICAL LUGS THAT ACCEPT A TOTAL OF (12) #6 - 350 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 "E" = EXTENDED AND "W" = WITHDRAWN.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
TOLERANCES:		DRAWN	ABB
DECIMALS: .001	ANGLES: ±1°	CHECKED	ABB
XXX ±.002			12/10/2018
SCALE: SIZE: A	REV: 2	SHEET 2 OF 2	

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