

NOTES:

1. APPROXIMATE WEIGHT: 130 LBS.
2. ASSEMBLY IS UL/CUL LISTED TO UL 891 AND C22.2 NO. 244.
3. NEMA 1 WALL MOUNT ENCLOSURE.
4. THE BOX & 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 THE Ø0.375" HOLES IN THE BACK OF THE ENCLOSURE.

90881 SERIES MAINTENANCE BYPASS BREAKER PANEL
250A-400A, 208V/240V/480V, 3Ø 3W OR 4W, 3 BREAKER
INTERLOCK CONFIGURATION 2

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DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:		DRAWN	ABB
DECIMALS:	ANGLES:	CHECKED	CH
.XX ± .13	± 1°		09/06/2018
.XXX ± .062			
SCALE:	SIZE:	REV:	
NTS	A	1	

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CIRCUIT BREAKER OPTIONS

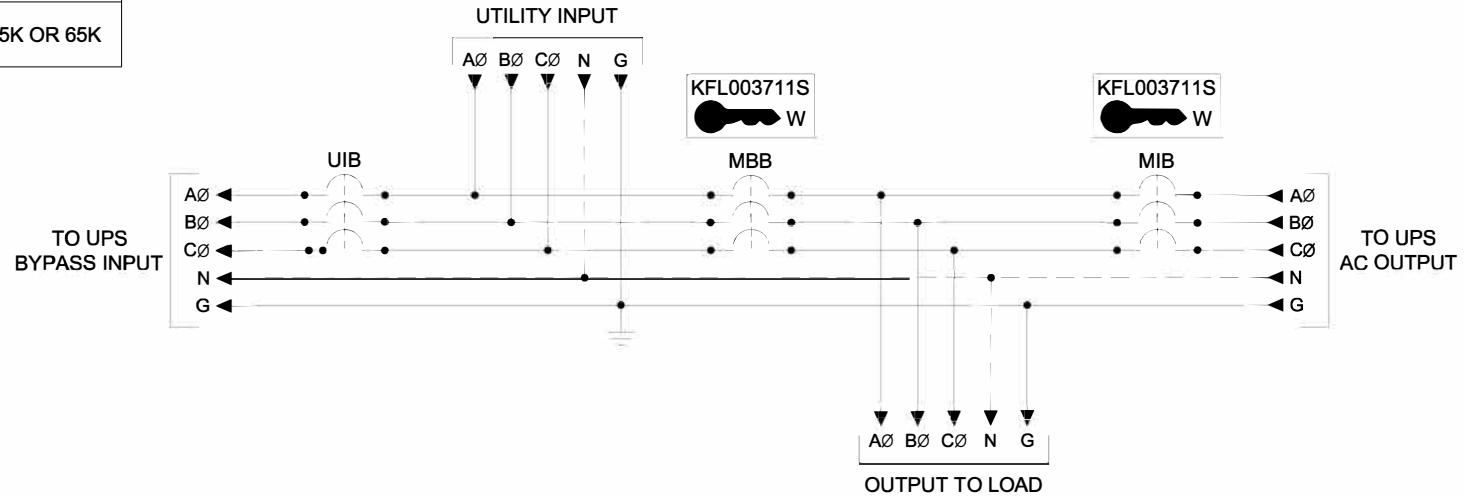
TRIP SIZE	TRIP TYPE	AIC @ 240V
250A	TMAG (80%)	65K
300A	TMAG (80%)	65K
350A	TMAG (80%)	65K
400A	TMAG (80%)	65K
160-400A (ADJUSTABLE)	LS, LSI, ALSI (80% OR 100%)	65K

CIRCUIT BREAKER OPTIONS

TRIP SIZE	TRIP TYPE	AIC @ 480V
250A	TMAG (80%)	35K OR 65K
300A	TMAG (80%)	35K OR 65K
350A	TMAG (80%)	35K OR 65K
400A	TMAG (80%)	35K OR 65K
160-400A (ADJUSTABLE)	LS, LSI, LSG, LSIG, ALSI, ALSIG (80% OR 100%)	35K OR 65K

CIRCUIT BREAKER TERMINAL INFO

TRIP SIZE	WIRE RANGE
250A	(1) 4 - 350
300-350A	(1) 250 - 500
400A	(2) 3/0 - 250



NOTES:

- "UIB" UPS INPUT BREAKER
- "MBB" MAINTENANCE BYPASS BREAKER
- "MIB" MAINTENANCE ISOLATION BREAKER
- ALL INTERNAL CONNECTIONS BETWEEN "UIB", "MBB" AND "MIB" CIRCUIT BREAKERS ARE MADE USING COPPER BUS BARS.
- OPTIONAL 800A RATED NEUTRAL BUS PROVIDED WITH MECHANICAL LUGS THAT ACCEPT A TOTAL OF (8) #6 - 350 MCM CABLES.
- GROUND LUG ACCEPTS (3) #6 - 350 MCM CABLES.
- MECHANICAL LUGS USED FOR THE AØ, BØ, AND CØ ON THE UTILITY INPUT & THE OUTPUT LOAD HAVE THE SAME WIRE RANGE AS THE CIRCUIT BREAKERS.
- 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 "E" = EXTENDED AND "W" = WITHDRAWN.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 09/06/2018
DECIMALS: .XX ±.13	CHECKED ABB 09/06/2018
ANGLES: XXX ±.062	
SCALE: SIZE A REV: 1	SHEET 2 OF 2

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DRAWING # 90881-C2-3PH-3BK-SD01-2 REV 1