

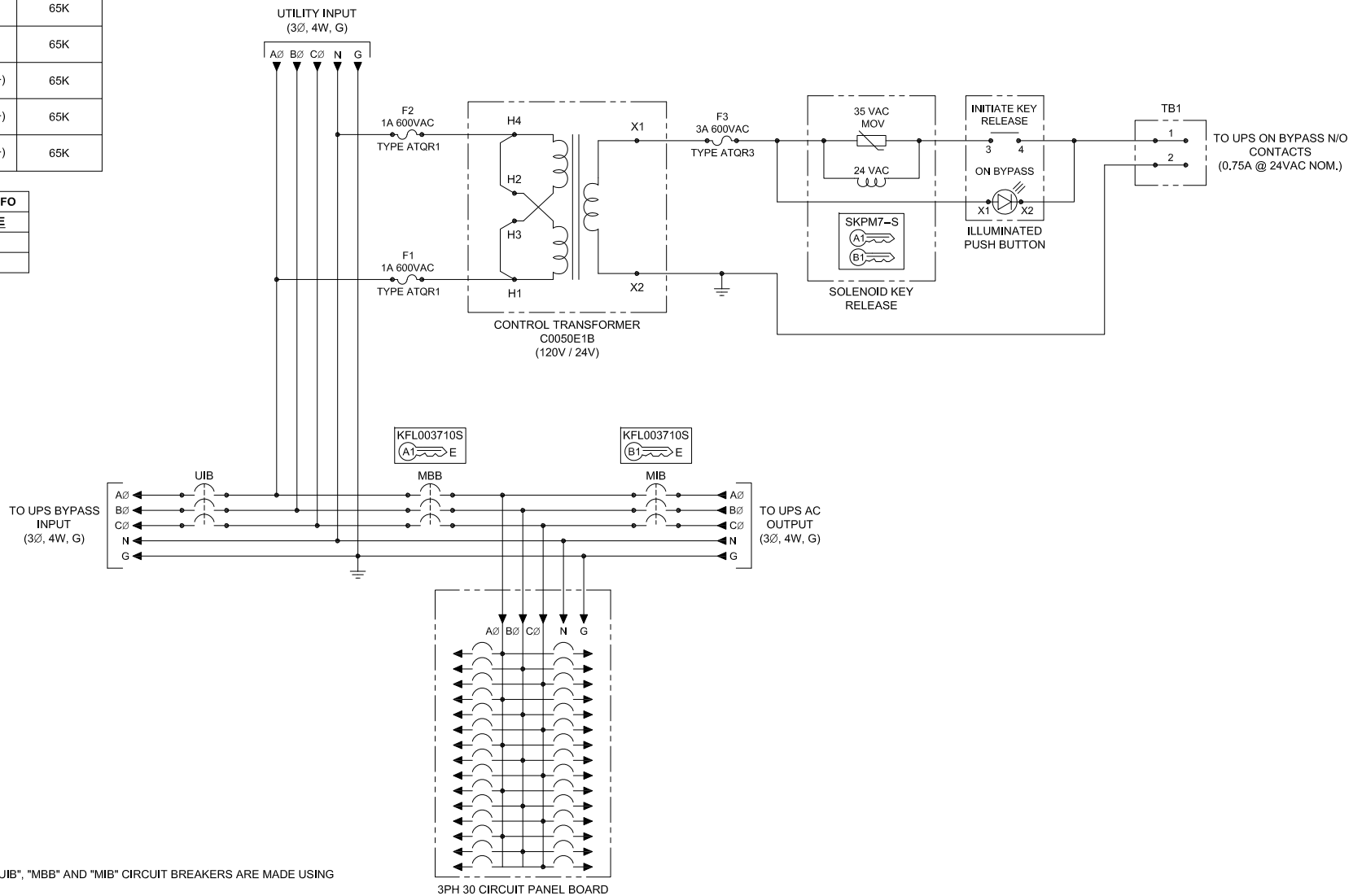
NOTES:

1. APPROXIMATE WEIGHT: 175 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 FROM GALVANIZED STEEL.
5. FINISH IS POWDER COAT ON ALL EXTERNAL AND VISIBLE SURFACES, INTERIOR PANELS AND MOUNT BRACKETS ARE GALVANIZED FINISH.
6. THE CABINET IS TO BE MOUNTED THROUGH Ø0.531" HOLES IN THE BACK OF THE ENCLOSURE.
7. TOP AND BOTTOM CABLE ENTRY.

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|---|-----------|------------|---|
| 90841 SERIES MAINTENANCE BYPASS & 30 CCT PANELBOARD | | | |
| 15-225A, 208Y/120V, 3Ø/4W, 3 BREAKER WITH SKRU | | | |
| INTERLOCK CONFIGURATION 44 | | | |
| THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF C&C POWER, INC. ANY REPRODUCTION WITHOUT THE WRITTEN CONSENT OF C&C POWER, INC IS PROHIBITED. | | | |
| DIMENSIONS ARE IN INCHES | | INITIALS | DATE |
| TOLERANCES: | DECIMALS: | DRAWN CH | 5/21/2019 |
| ANGLES: | ±1" | CHECKED CH | 5/21/2019 |
| SCALE: | SHEET: | REV: | |
| NTS | A | 1 | |
| SHEET 1 OF 2 | | | <p>C&C POWER ENGINEERED POWER PRODUCTS WWW.CCPOWER.COM</p> <p>© 2019 C&C POWER, INC. ALL RIGHTS RESERVED</p> |

| CIRCUIT BREAKER OPTIONS | | |
|-------------------------|-------------------------------|------------|
| TRIP SIZE | TRIP TYPE | AIC @ 240V |
| 15-100A | TMAG (80%) | 18K OR 65K |
| 110-225A | TMAG (80%) | 22K OR 65K |
| 40-100A (ADJUSTABLE) | LI OR LSI (80% 210+) | 65K |
| 70-150A (ADJUSTABLE) | LI OR LSI (80% 210+) | 65K |
| 100-225A (ADJUSTABLE) | LI OR LSI (80% 210+) | 65K |
| 15-80A (ADJUSTABLE) | LS, LSI, LSG, LSIG (80% 310+) | 65K |
| 60-160A (ADJUSTABLE) | LS, LSI, LSG, LSIG (80% 310+) | 65K |
| 100-225A (ADJUSTABLE) | LS, LSI, LSG, LSIG (80% 310+) | 65K |

| CIRCUIT BREAKER TERMINAL INFO | |
|-------------------------------|--------------|
| TRIP SIZE | WIRE RANGE |
| 15-100A | (1) 14 - 1/0 |
| 110-225A | (1) 4 - 4/0 |



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.
- 600A RATED MAIN NEUTRAL BUS PROVIDED WITH MECHANICAL LUGS THAT ACCEPT A TOTAL OF (4) #6 - 350 MCM CABLES.
- MAIN 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.
- VOLTAGE BETWEEN THE AØ AND N MUST BE 120V±10% FOR THE SKRU CIRCUIT TO FUNCTION PROPERLY.
- PANELBOARD IS EATON PRL1A TYPE 208Y/120V, 3Ø/4W, 225A, 30 CIRCUIT.
- USE ONLY EATON TYPE BAB, QBHW, QBGF, QBHGF, QBHGFEP, QBAG, QBHAF, OR QBHAG BRANCH CIRCUIT BREAKERS IN PANELBOARD.
- GROUND AND NEUTRAL LANDINGS ARE PROVIDED FOR ALL PANELBOARD CIRCUITS.
- 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 CH | 5/21/2019 |
| DECIMALS: .XX ±.13 | ANGLES: ±1° | CHECKED CH | 5/21/2019 |
| SCALE: SEE A | REV: 1 | SHEET 2 OF 2 | |
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