

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.

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|---|-------------|---|------------|
| 90882 SERIES MAINTENANCE BYPASS BREAKER PANEL | | | |
| 250A-600A, 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 | 12/11/2018 | |
| DECIMALS: .13 | ANGLES: ±1° | CHECKED ABB | 12/11/2018 |
| .XXX ±.052 | | | |
| SCALE: SIZE A | REV: 1 | SHEET 1 OF 2 | |
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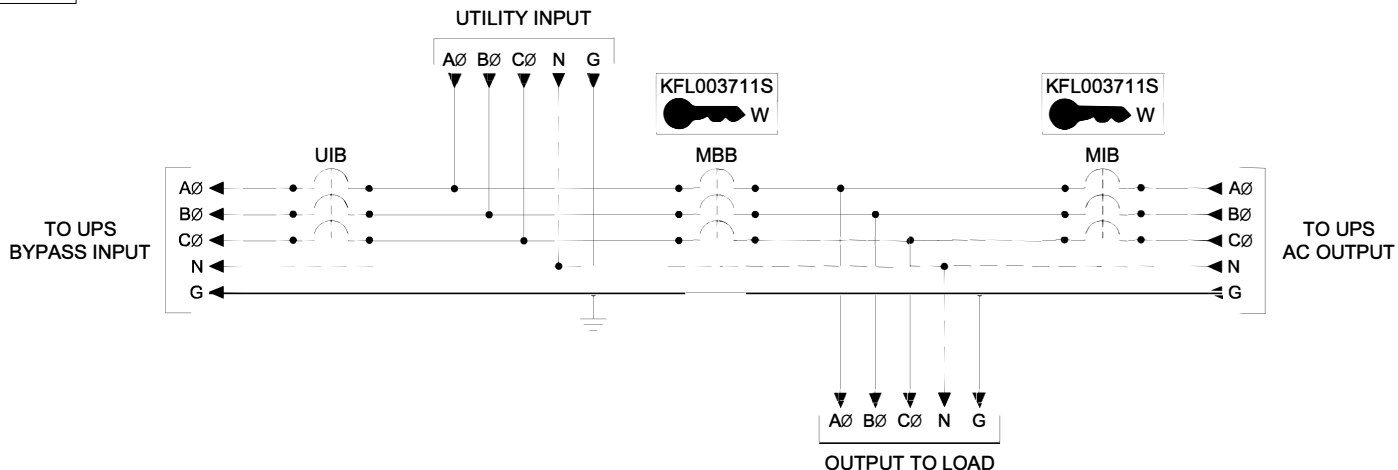
CIRCUIT BREAKER OPTIONS

| TRIP SIZE | TRIP TYPE | AIC @ 240V |
|-----------------------|---|------------|
| 450A | TMAG (80%) | 65K |
| 500A | TMAG (80%) | 65K |
| 600A | TMAG (80%) | 65K |
| 250-600A (ADJUSTABLE) | LS, LSI, LSG, LSIG, ALSI, ALSIG (80% OR 100%) | 65K |

CIRCUIT BREAKER OPTIONS

| TRIP SIZE | TRIP TYPE | AIC @ 480V |
|-----------------------|---|------------|
| 450A | TMAG (80%) | 35K OR 65K |
| 500A | TMAG (80%) | 35K OR 65K |
| 600A | TMAG (80%) | 35K OR 65K |
| 250-600A (ADJUSTABLE) | LS, LSI, LSG, LSIG, ALSI, ALSIG (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.
- THIS DRAWING IS TO BE USED FOR ELECTRICAL PURPOSES ONLY AND DOES NOT REPRESENT THE ACTUAL MECHANICAL LAYOUT OF THE EQUIPMENT.

| | | | |
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| INTERLOCK CONFIGURATION 2 | | | |
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| DIMENSIONS ARE IN INCHES | INITIALS | DATE | |
| TOLERANCES: | DRAWN | ABB | 12/11/2018 |
| DECIMALS: .XX ±.13 | ANGLES: ±1° | CHECKED | ABB |
| .XXX ±.062 | | | 12/11/2018 |
| SCALE: SIZE: A | REV: 1 | SHEET 2 OF 2 | |
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DRAWING #: 90882-600-C2-SD01-2 REV 1