



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
  2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. MAINS 3x400/230V TN-S (PROVIDED BY OTHERS)
  4. Q1 - Q6 WITH 2NO/2NC AUXILIARY CONTACTS.
  5. Q7, Q8 DC RATED THERMAL MAGNETIC TRIP MOLDED CASE CIRCUIT BREAKER WITH 24VOLT DC UNDERVOLTAGE RELEASE (UVR) AND 2NO/2NC AUXILIARY CONTACTS.
  6. ALL AC POWER CABLING IS L1,L2,L3,N,PE
  7. UPS INPUT AND OUTPUT CONDUCTORS MUST BE IN SEPARATE CABLE RUNS.
  8. UPS AND STATIC BYPASS WITHSTAND RATING (I<sub>cw</sub>) = 200kA
  9. PLEASE REFER TO THE INSTALLATION MANUAL FOR THE BREAKER SETTINGS OF Q1,Q3,Q4 AND Q5
  10. DC CABLING SHOULD BE SEGREGATED FROM AC CABLING
  11. SEE BATTERY INSTALLATION INFORMATION
  12. POWER WIRING AND CONTROL WIRING SHOULD BE SEGREGATED.
  13. AC CIRCUIT CABLE LENGTHS (INPUT AND OUTPUT) SHOULD BE EQUAL ON ALL MODULES
  14. DC CIRCUIT CABLE LENGTHS SHOULD BE EQUAL ON ALL MODULES
  15. - - - - - = CABLING PROVIDED BY OTHERS
  16. ALL DATA IN THIS DRAWING PROVIDED FOR FULLY POPULATED UNIT.

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TITLE: SYMMETRA MW  
 Input: 400V 3PH DUAL MAINS  
 Output: 400V 3PH 2000kW  
 2 MOD N+1 UPS W/MBP AND BATT. CABINET  
 SYSTEM ONE LINE DIAGRAM  
 PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 1

DWG NO: SYMF1000K100H2R2-SD  
 DRAWN: BALAMURUGAN 14-DEC-11  
 ENGINEER: S.ANDERSEN 14-DEC-11  
 APPROVED: C.LARSEN 14-DEC-11

REV: 6  
 PROJECTION: N/A