



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

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TITLE: SYMMETRA MW  
Input: 400V 3PH SINGLE MAINS  
Output: 400V 3PH 1000kW  
2 MOD N+1 UPS W/MBP AND BATT. CABINET  
SYSTEM ONE LINE DIAGRAM

DWG NO: SYMF1000K1000H1R2-SD  
DRAWN: BALAMURUGAN 14-DEC-11  
ENGINEER: B.H.NIELSEN 14-DEC-11  
APPROVED: C.LARSEN 14-DEC-11

REV: 3  
ANGLE  
PROJECTION: N/A