



**NOTES:**

1. ALL DATA IN THIS DRAWING IS PROVIDED FOR A FULLY POPULATED UNIT.
- △2. AC SOURCE MUST BE 480VAC, WYE CONNECTED, 3W+G, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED (CONTACT Schneider Electric IF OTHER). REFER TO INSTALLATION MANUAL FOR UPSTREAM CIRCUIT BREAKER REQUIREMENTS.
- △3. DASHED LINES BETWEEN UNITS ( - - - ) REPRESENT AC/DC CABLING PROVIDED BY OTHERS.
4. ALL AC CIRCUIT BREAKERS ARE 100% CONTINUOUS DUTY RATED WITH 24VDC SHUNT TRIPS AND 2A/2B AUX CONTACTS.
5. Q1A, Q1B = 1800AT/1800AF; Q2A, Q2B, Q3, Q4, Q5, LBB = 1600AT/1600AF.
6. Q6 = 1600A (MINIMUM) MOLDED CASE SWITCH WITH 24VDC SHUNT TRIPS AND 2A/2B AUXILIARY CONTACTS.
7. Q7, Q8 = 1800AT DC RATED DISCONNECT WITH 24VDC UNDERVOLTAGE RELEASE (UVR) AND 2A/2B AUX CONTACTS.
- △8. OPTIONAL COMPONENTS.
- △9. SEPARATE CONDUITS. 2W+GND.
10. UPS INPUT AND OUTPUT CONDUCTORS MUST BE IN SEPARATE CONDUITS.
- △11. UPS AND STATIC BYPASS WITHSTAND 200,000 SYMMETRICAL AMPERES.
12. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.

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TITLE: SYMMETRA MW  
480VAC, 3φ, 2x1200kW, N+1  
DUAL FEED  
SYSTEM SINGLE-LINE DIAGRAM  
PROJECT: STD SUBMITTAL DRAWINGS SHEET 1 OF 1

DWG NO: SYMF1200K1200G2R2-SD  
DRAWN BY: S CUNHA 30-JAN-14  
ENGINEER: C BARBOZA 30-JAN-14  
APPROVED BY: B SHERIDAN 30-JAN-14

REV 3  
PROJ ANGLE N/A