1. Installation shall comply with all applicable national, state, and local codes.
2. Please refer to product documentation for additional details.
3. Drawing depicts power system connections and is not representative of physical layout. Please refer to mechanical drawings for physical layout.
4. All breakers are not continuous duty rated.
5. DC source to be 208VAC, 4 wire, 3 phase, 3-wire grounded. Single line to be run in separate conduits.
6. Battery cabinet is optional. Battery cabinet fuse is 44.4A 250AIC, made with bypass panel Q3.
7. Battery cabinet is optional. Battery cabinet fuse is 44.4A 250AIC, made with bypass panel Q3.
8. Single phase installation is optional. Battery cabinet shall not be removed.
9. Battery cabinet is optional. Battery cabinet fuse is 44.4A 250AIC, made with bypass panel Q3.
10. DC source to be 208VAC, 4 wire, 3-phase, 3-wire grounded. Single line to be run in separate conduits.
11. External battery cabinet is optional. Battery cabinet must be purchased as an option. Battery sizing is based on a maximum 1 volt drop per half string at nominal rated DC current.
12. Battery cabinet is optional. Battery cabinet fuse is 44.4A 250AIC, made with bypass panel Q3.

NOTES:

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SINGLE MAINS, W/REMOTE XR BATTERY CABINETS

THE DRAWING AND SPECIFICATIONS DO NOT SHOW THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE USED AS CONTROL CIRCUIT IN A SYSTEM OR AS THE BASIS FOR THE MANUFACTURE OF GOODS WHICH WOULD BE CONNECTED TO CONSUMER ELECTRIC. THE DRAWING IS NOT INTENDED FOR USE IN A CONTROL DESIGN AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

### DOCUMENTATION PRODUCT NAME:

DIOSA/M MAISSY

2 APPROVED:

OF

2 SUBMITTAL DRAWINGS SHEET

PROJECT:

Wm-tOUT NOTICE.

TD CHANGE

IS SUBJECT

INFORMATION

N .A.

24-AUG-16

AVAILABLE

LATEST

OTHERS.

BY

PROVIDED

CABLE LUGS

LEPARD

ENGINEER:

ANGLE

24-AUG-16

DIAGRAM

LINE

SYSTEM ONE

12. DC

/:::,.

236

ENCLOSURES

PROJ

24-AUG-16

B ZAHN

RUN IN SEPARATE CABLING CONDUITS.

600V

TO BE

CABLING

125A.

RATED, 3W+GND, SHALL BE

RATED DC CURRENT.

AT

11. EXTERNAL

/:::,.

11. XR BATTERY

REMOVED.

BE

SHALL NOT

BARS

BRIDGE BUS

A DEFAULT.

10. UP TO FOUR XR BATTERY ENCLOSURES MAY BE CONNECTED TO THE UPS TO EXTEND BACKUP TIME.

9. XR BATTERY ENCLOSURES MAY BE PURCHASED AS AN OPTIONS BATTERY CABINET FOR ONE lift. I

8. SINGLE MAINS INSTALLATION IS A DEFAULT SINGLE BUS BAY SHALL NOT BE REMOVED.

7. DC BATTERY ENCLOSURE IS AVAILABLE WITHOUT BREAKER WITH DC FUSE ONLY.

6. AC CABLE TO BE RATED, 4 WIRE, WYE CONNECTED, 30 CONTACT SCHNEIDER ELECTRIC IF OTHER.

5. AC CABLE TO BE RATED, 4 WIRE, 4 GROUND, AND SHALL BE RUN IN SEPARATE CONDUITS.

4. SINGLE MAINS INSTALLATION IS A DEFAULT SINGLE BUS BAY SHALL NOT BE REMOVED.

3. DC SOURCE TO BE FUSED WITH CENTER TAP, 3 WIRE, 4 GROUND.

2. AC SOURCE TO BE 208VAC, 3PHS, SINGLE MAINS.

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.

### TABLE 1: BREAKER TABLE

<table>
<thead>
<tr>
<th>DEVICE</th>
<th>FUNCTION</th>
<th>LOCATION</th>
<th>CURRENT</th>
<th>RATING</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPS IN</td>
<td>SUVT20KF2B4</td>
<td>20kVA</td>
<td>208VAC</td>
<td>384VDC</td>
<td>4A</td>
</tr>
<tr>
<td>BYPASS</td>
<td>BZAHN</td>
<td>20kVA</td>
<td>208VAC</td>
<td>384VDC</td>
<td>4A</td>
</tr>
<tr>
<td>BATTERY</td>
<td>SUVTXR286</td>
<td>20kVA</td>
<td>208VAC</td>
<td>384VDC</td>
<td>4A</td>
</tr>
</tbody>
</table>

**NOTES:**

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT.
4. ALL BREAKERS ARE NON-CONTINUOUS (CTP RATED).
5. AC SOURCE TO BE 208VAC, 3PHS, WYE CONNECTED, 30 CONTACT SCHNEIDER ELECTRIC IF OTHER.
6. AC CABLE TO BE RATED, 4 WIRE, 4 GROUND, AND SHALL BE RUN IN SEPARATE CONDUITS.
7. DC SOURCE TO BE FUSED WITH CENTER TAP, 3 WIRE, 4 GROUND.
8. SINGLE MAINS INSTALLATION IS A DEFAULT SINGLE BUS BAY SHALL NOT BE REMOVED.
9. DC BATTERY ENCLOSURE IS AVAILABLE WITHOUT BREAKER WITH DC FUSE ONLY.
10. UP TO FOUR XR BATTERY ENCLOSURES MAY BE CONNECTED TO THE UPS TO EXTEND BACKUP TIME.
11. EXTERNAL BATTERY CABINET IS OPTIONAL, SIZING IS BASED ON A MAXIMUM 1 VOLT DROP PER HALF-WH莴 AT NORMAL RATED DC CURRENT. DC CABLE SIZE BASED ON INSTALLATION PARAMETERS.
12. AC CABLE TO BE RATED, 4 WIRE, 4 GROUND, SHALL BE RUN IN SEPARATE CABLING CONDUITS.
13. CABLE LUGS PROVIDED BY OTHERS.