QTY.(22) Model PPA300C425, Capacity 300kVA
Module Input: 480 VAC, 60 HZ, Full Load Amps
Module Output : 208 V VAC, 60 HZ, 832 Full Load Amps

SYSTEM TYPE
- Dual 600AF/500AT Main Input Circuit Breakers, SquareD “D” Frame
- Standard System with Transformer, 4 Wire Input (3 Phase 3 Wire plus Ground
- K13, 115 degree C rise, <5.2% Impedance, Inrush <4.2X
- Cabinet painted Liebert Standard/IBM Off-White

OUTPUT DISTRIBUTION
- 1200A “P” Frame Secondary Main Circuit Breaker with 2A2B aux contacts
- One 1200A I-Line Panelboard
- Four (4) 400A SqD “LA” I-Line Breakers

MONITORING
- PMP Monitoring Panel
- OCWebCard – SNMP/Modbus RTU-485 Protocol

OPTIONAL EQUIPMENT
- 36”FFH Seismically Rated Floorstand
SUGGESTED MINIMUM INPUT WIRE SIZE DATA

<table>
<thead>
<tr>
<th>kVA</th>
<th>INPUT VOLTAGE</th>
<th>FULL LOAD AMPS</th>
<th>MIB TRIP AMPS</th>
<th>SUGGESTED FEEDER WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>380</td>
<td>469</td>
<td>600</td>
<td>(2) 350 kcmil</td>
</tr>
<tr>
<td></td>
<td>400</td>
<td>446</td>
<td>600</td>
<td>(2) 350 kcmil</td>
</tr>
<tr>
<td></td>
<td>440</td>
<td>490</td>
<td>600</td>
<td>(2) 350 kcmil</td>
</tr>
<tr>
<td></td>
<td>480</td>
<td>372</td>
<td>500</td>
<td>(2) 250 kcmil</td>
</tr>
<tr>
<td></td>
<td>600</td>
<td>287</td>
<td>400</td>
<td>(2) 250 kcmil</td>
</tr>
</tbody>
</table>

MIB

<table>
<thead>
<tr>
<th>INTERRUPTING RATING</th>
<th>380-480V</th>
<th>600V</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDARD</td>
<td>65 kA</td>
<td>25 kA</td>
</tr>
<tr>
<td>HIGH</td>
<td>100 kA</td>
<td>50 kA</td>
</tr>
</tbody>
</table>

NOTES:

1. A MAXIMUM OF ELEVEN (11) 250A FRAME OR EIGHT (8) 400A LA FRAME OUTPUT BREAKERS CAN BE INSTALLED IN A I-LINE PANELBOARD.

2. INPUT IS THROUGH THE DISTRIBUTION SECTION TO THE TRANSFORMER SECTION. INPUT CABLES CAN BE EITHER THROUGH TOP OR BOTTOM OF THE DISTRIBUTION SECTION.
NOTES:
1. ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS).
2. APPROXIMATE HEAT OUTPUT: 18,085 BTU/HR (5.29 kW)
3. APPROXIMATE WEIGHT: 3,150 LBS. (1429 KG)
4. UNIT BOTTOM IS STRUCTURALLY ADEQUATE FOR FORKLIFT HANDLING.
5. KEEP CABINETS WITHIN 15 DEG. OF VERTICAL WHILE HANDLING.

BOTTOM VIEW
- Clearance of 18" (475mm) above unit is recommended for cooling Air Flow
- Max. door swing 180° (Typ.)
- Minimum is recommended at front for service and installation access

INPUT CONDUIT PLATE
- 5.3 [135mm]
- 14.3 [363mm]
- 2.9 [74mm]

OUTPUT CONDUIT PLATE
- 1.8 [46mm]
- 1.6 [41mm]

INPUT CONDUIT PLATE
- 4.6 [117mm]

OUTPUT CONDUIT PLATE
- 14.3 [363mm]

TOP VIEW

VENTILATION
- 13.0 [330mm]
- 5.8 [147mm]
- 6.2 [157mm]

VENTILATION
- 32.0 [813mm]
- 6.2 [157mm]
DISPLAY

OUTPUT VOLTAGE
X - Y = 208
Y - Z = 208
Z - X = 208
X - N = 120
Y - N = 120
Z - N = 120

SCAN

HOLD SEQUENCE

EMERGENCY POWER OFF

ALARM PRESET SILENCE

Liebert POWER MONITORING PANEL

EMERSON Network Power
# LIEBERT 300-800kVA PPC Circuit Breaker Schedule

## Main Input Circuit Breaker

<table>
<thead>
<tr>
<th>kVA</th>
<th>Voltage</th>
<th>Vendor</th>
<th>Type</th>
<th>Frame Amps</th>
<th>Trips Amps</th>
<th>Model Number</th>
<th>Interrupting Rating AIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>400V</td>
<td>SQUARE D</td>
<td>FIX MTD</td>
<td>600A</td>
<td>600A</td>
<td>DJF36600E20SO</td>
<td>65kA</td>
</tr>
<tr>
<td>415V</td>
<td>SQUARE D</td>
<td>FIX MTD</td>
<td>800A</td>
<td>600A</td>
<td>DJF36600E20SO</td>
<td>65kA</td>
<td></td>
</tr>
<tr>
<td>480V</td>
<td>SQUARE D</td>
<td>FIX MTD</td>
<td>600A</td>
<td>500A</td>
<td>DJF36600E20SO</td>
<td>65kA</td>
<td></td>
</tr>
</tbody>
</table>

## Main Panelboard Circuit Breaker

<table>
<thead>
<tr>
<th>kVA</th>
<th>Vendor</th>
<th>Type</th>
<th>Frame Amps</th>
<th>Trips Amps</th>
<th>Model Number</th>
<th>Interrupting Rating AIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>SQUARE D</td>
<td>FIX MTD</td>
<td>1200A</td>
<td>832A</td>
<td>PGF36120CU31AYE</td>
<td>65kA 35kA</td>
</tr>
<tr>
<td>400</td>
<td>SQUARE D</td>
<td>FIX MTD</td>
<td>1200A</td>
<td>1200A</td>
<td>PGF36120CU31AYE</td>
<td>65kA 35kA</td>
</tr>
</tbody>
</table>

## SQD I-Line Panelboard Circuit Breaker

<table>
<thead>
<tr>
<th>kVA</th>
<th>Vendor</th>
<th>Type</th>
<th>Frame Amps</th>
<th>Trips Amps</th>
<th>Model Number</th>
<th>Interrupting Rating AIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>SQUARE D</td>
<td>PLUG-IN</td>
<td>100A</td>
<td>100A</td>
<td>HGA36100</td>
<td>65kA 35kA</td>
</tr>
<tr>
<td>400</td>
<td>SQUARE D</td>
<td>PLUG-IN</td>
<td>200A</td>
<td>200A</td>
<td>JGA36200</td>
<td>65kA 35kA</td>
</tr>
<tr>
<td>400</td>
<td>SQUARE D</td>
<td>PLUG-IN</td>
<td>300A</td>
<td>300A</td>
<td>LA36300</td>
<td>42kA 30kA</td>
</tr>
<tr>
<td>400</td>
<td>SQUARE D</td>
<td>PLUG-IN</td>
<td>400A</td>
<td>400A</td>
<td>LA36400</td>
<td>42kA 30kA</td>
</tr>
</tbody>
</table>
NOTES:

1. WIRE SIZE AND TYPE: 10 BASE-T ETHERNET CABLE WITH RJ-45 PLUG CONNECTOR. THE LENGTH IS LIMITED BY ETHERNET STANDARDS.

2. MAXIMUM CABLE LENGTH 4000 FEET (1200 METERS) WITH SHIELDED TWISTED PAIR CABLE #22 AWG MINIMUM, RS-485 COMPLIANT.

3. REFER TO NIC INSTALLATION, OPERATION AND MAINTENANCE MANUAL FOR CONFIGURING THE NETWORK INTERFACE CARD (NIC).

4. ALL CONTROL WIRING (BY OTHERS) MUST BE RUN SEPARATE FROM POWER WIRING. CONTROL WIRING RUNS SHOULD NOT BE COMBINED IN THE SAME CONDUIT.

5. ALL WIRING MUST BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES.