BL 5000C-X-4254-IC AC Source Specifications

INPUT:
Multi Pulse Input Transformer for Low Input Current THD in the following configurations:
380Vac, 3 phase or 460Vac, 3 phase (jumper selectable), 47 – 63 Hz.

OUTPUT:
Voltage/Current: Single phase: 0-135Vac @ 40A
Three phase: 0-135Vac, L-N @ 12.5A
Frequency: 45 - 500 Hz.
Current Crest Factor: 3:1 Typical
Distortion: 1.5% Typical THD @ 60Hz.
Load Regulation: ±0.7% No Load to Full Load
Line Regulation: ±0.1% for ±10% Line Change
Power Factor: 100% of rated output into any power factor load.
Efficiency: Minimum 70% from 40% load to full load.

PROTECTIVE CIRCUITS:
Input Protection: Main circuit breaker. (Located on front panel.)
Constant Current Mode: Overload automatically causes voltage fold back to provide maximum current without distorting output waveform. (C/C Displayed)
Short Circuit Protection: Short Circuit electronically latches output open to protect load.
Thermal Protection: Power restored by cycling circuit breaker. Fault LED Illuminated.

MECHANICAL SPECIFICATIONS:
Integrated Chassis: 19" rack mount chassis 10.50"H x 22"D. 175 lbs.
Operating Temperature: 0 - 55 ° C.
Humidity: 0 - 95% RH non-condensing.
Input & Output Connections: Separate Barrier strips. (1 for AC Input and 1 for AC Output.)
Paint & Logo (Front Panel): Polyamide Enamel, Semi-Gloss, Pantone Cool Gray 2C, Textured; Logo per HiiLogo.jpg

SYSTEM OUTPUT MANAGEMENT:
PAC 2000 CONTROLLER w/ Large 2 Line VF Display & RS232 Interface

RESOLUTION & ACCURACY:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Resolution</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOLTAGE</td>
<td>0.1 V</td>
<td>0.25% of full-scale</td>
</tr>
<tr>
<td>CURRENT LIMIT</td>
<td>0.1 A</td>
<td>0.25% of full-scale</td>
</tr>
<tr>
<td>FREQUENCY</td>
<td>0.1 Hz</td>
<td>0.005 Hz</td>
</tr>
<tr>
<td>VOLTAGE RMS</td>
<td>0.1 V</td>
<td>0.25% of full-scale</td>
</tr>
<tr>
<td>CURRENT RMS</td>
<td>0.1 A</td>
<td>0.3% of full-scale</td>
</tr>
<tr>
<td>FREQUENCY</td>
<td>0.1 Hz</td>
<td>0.001 Hz</td>
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