

BL3200-C-1-91.66-RR Rail Road Signal Source SPECIFICATIONS

INPUT

Voltage: 120/208 VAC, Three Phase.
Frequency: 47 - 440 Hz

OUTPUT

Voltage: 240 VAC, Single Phase, **Isolated and Floating.**
Frequency: 91.66 Hz, +/- .25 Hz
Power: 3.2 KVA
Current: 12.5Amps
Current Crest Factor: 3:1
Power Factor: 100% of rated output into any power factor load
Distortion: 2.0% Typical THD
Load Regulation: $\pm 0.7\%$ No Load to Full Load
Line Regulation: $\pm 0.1\%$ for $\pm 10\%$ Line Change
Efficiency: 85 - 90%

PROTECTIVE CIRCUITS/INDICATORS

Input: Main circuit breaker with surge arrestor and lightning protection.
Constant Current Mode: Overload automatically causes voltage foldback to provide maximum current without distorting output waveform.
Overload Protection: Short Circuit overload electronically disables output to protect load. **Automatic reset upon overload removal.**
Thermal Protection: Internal temperature sensor prevents heat damage.
Phase Lock: Phase lock AC output with external sinewave

MECHANICAL SPECIFICATIONS

Dimensions: Two 19 " Rack mount chassis, 7.0"H and 3.5"H.
Weight: 150 lbs.
Operating Temperature: 0 to 55°C.
Cooling: Internal fans.
Input connections: Screw type terminals.
Output Connections: Screw type terminals.

TM3000-240 SPECIFICATIONS

The TM3000-240 is a transfer module that facilitates two 3000 VA redundant frequency converters so that one converter is always on-line. Source A is the preferred source. In the event source A has a failure there will be an automatic transfer to source B. The failed source can be removed for replacement or repair.

INPUT A: 240 VAC, 1 Ph, 57 - 253 Hz, 3000 VA.

INPUT B: 240 VAC, 1 Ph, 57 - 253 Hz, 3000 VA.

OUTPUT 240 VAC, 1 Ph, 57 - 253 Hz, 3000 VA.

TRANSFER TIME: 30 TO 60 milliseconds.

MECHANICAL SPECIFICATIONS:

Dimensions: 19" rack mount chassis: 7.00"H x 19"D.

Weight: Approximately 35 lbs.

Input Connections: AAR Terminals.

Output Connections: AAR Terminals.

Signal Connections: Barrier strip.

OPERATING MANUAL

**BEHLMAN POWER PASSPORT
AC POWER SOURCE**

MODEL BL2X3200-C1-91.66-3984

**PART NUMBER:
108-037-000**

FOR SERVICE ASSISTANCE

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USA : (800) 874-6727
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DATE: 12/98

REV: -

FRONT PANELS CONTROL AND INDICATOR

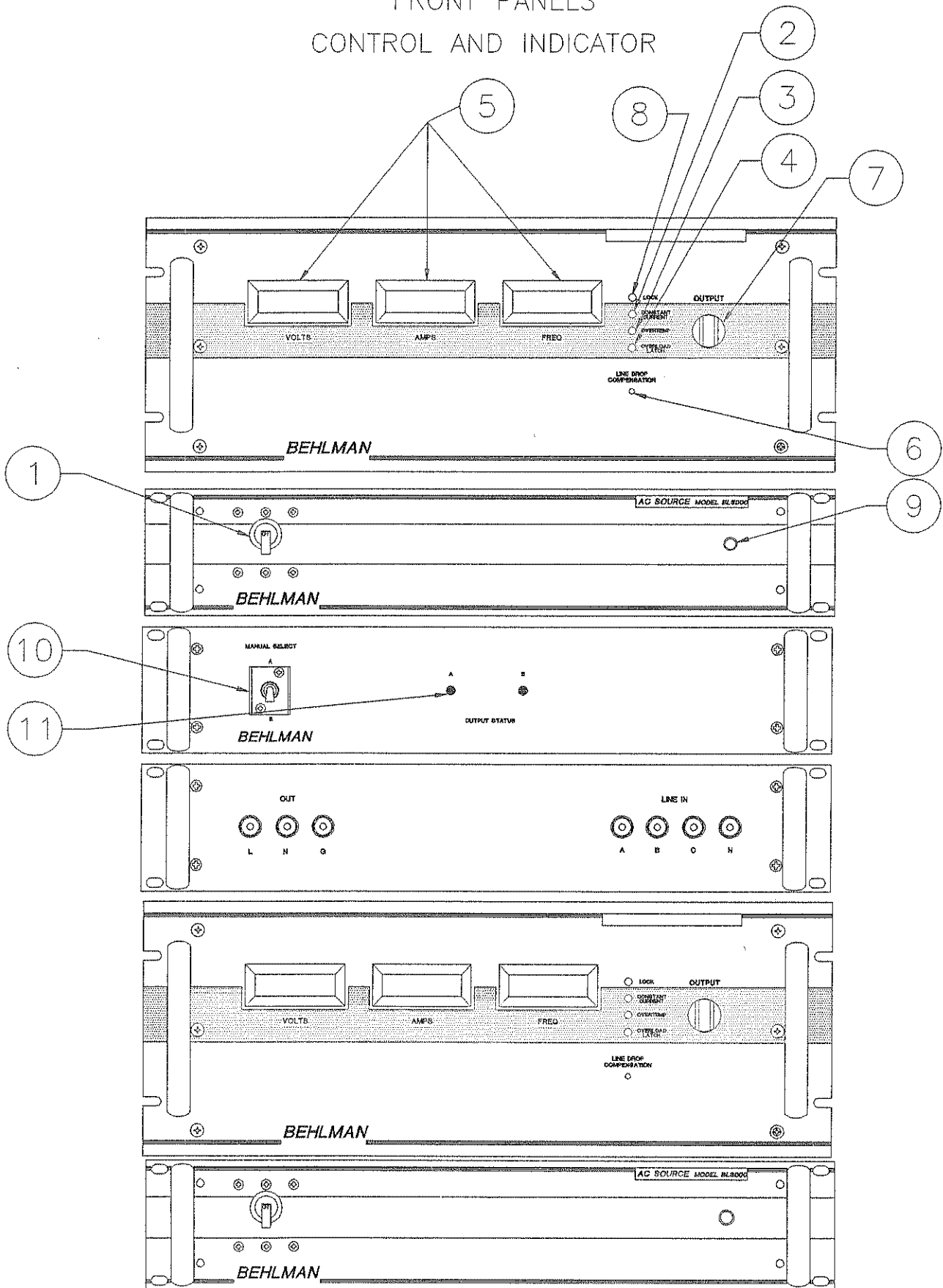


FIGURE 3-1

REAR PANELS TERMINAL/HOOKUP INFORMATION

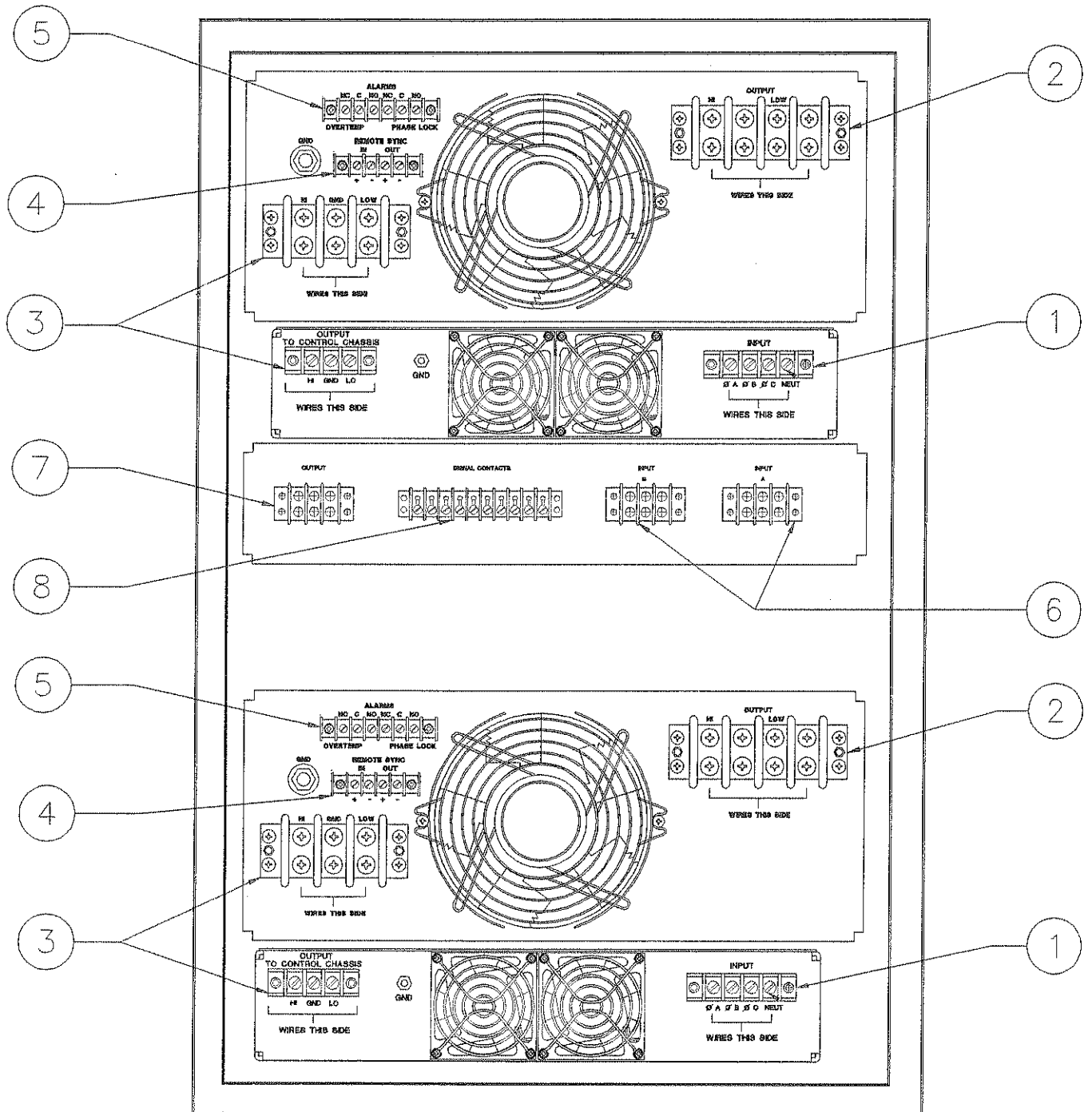


FIGURE 3-2