

INSTALLATION:

To comply with EN 60 950 specifications, operate this supply in accordance with the INSTRUCTION MANUAL. The operating temperature for the series is 0° C TO 50° C under the tabulated conditions. To operate from 50° C TO 70° C, derate 2.5% / ° C.

<u>MODELS</u>	<u>FORCED AIR</u>
V225, VP200	30 CFM
V325, VP300	50 CFM
11356XA	50 CFM

The airflow is to be directed in such a manner that the Power Transformer (T1) receives the forced air.

NOTE: When the Cover Option (08) is implemented, CFM ratings must be doubled for the models listed above.


There are two mounting surfaces provided with clinch nuts.

NOTE: When mounting to the side surface, limit screw penetration to 1/4 inches.
When mounting to the bottom surface, limit screw penetration to 1/8 inches.

INPUT CONNECTIONS:

The supply is preset for 115 VAC operation (internal AC select jumpered: E1 to E2). This jumper must be changed for 220 VAC operation (internal AC select jumpered: E1 to E3). The only exceptions are units equipped with an Auto-Ranger option which are preset to operate between 90 to 132 VAC and 180 to 250 VAC and units with suffix -AC which are preset to operate at 220 VAC.

The AC line is connected to a barrier block as follows;

L --- AC HOT
N --- AC COMMON
 --- GROUND

The output connections are made at both a barrier block and output studs.

ADJUSTMENTS:

The current limit (I adj) and frequency (Freq adj) adjustments have been properly set at the factory. Improper adjustments of these controls may cause damage to the supply.

V225 / V325 / 11356XA MODELS ONLY:

Both main (V1 adj) and auxiliary (V2/3 adj) voltage adjustments are on the main board. The fourth output is fixed by design. To increase the output voltage, adjust R59 (V1 adj), or R7 (V2/3 adj) in the clockwise direction.

VP200 / VP300 MODELS ONLY:

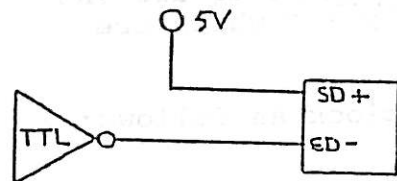
The main (V1 adj) and auxiliaries (V2 adj), (V3 adj) and (V4 Adj) are independent voltage adjustments located on the main board. To increase the output voltage, adjust R59 (V1 adj), or R204 (V2 adj), R304 (V3 adj), R405 (V4 adj) in a clockwise direction.

LOGIC INHIBIT: (OPTION 16)

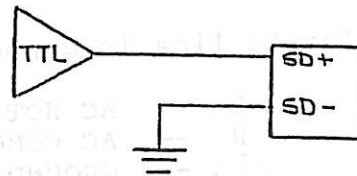
The logic inhibit option disables the Power Supply in such a manner as to activate the soft start at turn-on. The input is completely isolated and can be activated by TTL level voltages in either logic mode as shown below, provided a current of 1.6mA is available.

ACTIVE LOW

(Can be open-collector without extra pull-up resistor)



ACTIVE HIGH



* * NOTE: J1 connector is located on the mother board next to R401.

Customer mating connector: AMP 640440-2
PIN. 1 SD - LOGIC INHIBIT
2 SD + LOGIC INHIBIT

NOTE: See additional sheets for other options.

NOTE: Peak Current Ratings.

Peak current ratings are for a 30 sec. maximum duration. These currents are intermittent (e.g. Motor Starting) and the total output power of the Power Supply must never be exceeded.