

HIGH PERFORMANCE, TRIPLE OUTPUT POWER SUPPLIES.

*500AT SERIES

POWER FOR BOTH "A & D" OUTPUTS
TRI-POWER OUTPUTS TO 9,5 WATTS
NO DERATING UP TO +71°C

The 500AT series of triple output power supplies are ideal for those applications where space (P.C. Board real estate) is limited. Three outputs are available in the same area that is normally occupied by most single or dual output encapsulated modules. These units take advantage of the same design and manufacturing techniques used in the high performance single or dual output units of the 500 series.

GENERAL SPECIFICATIONS

Input voltage and frequency : 200 to 252 Vac - 50 to 440 Hz.
Output voltage tolerance : $\pm 1\%$ (fixed).
Ripple and Noise (PARD) : 1mV RMS.
Temperature coefficient : $0,02\%/^{\circ}\text{C}$ /typical).
Operating temperature range : -25°C to $+71^{\circ}\text{C}$.
Storage temperature range : -25°C to $+85^{\circ}\text{C}$.
Short circuit protection : current limiting.
I/O isolation : 2000 VDC.

ORDERING INFORMATION

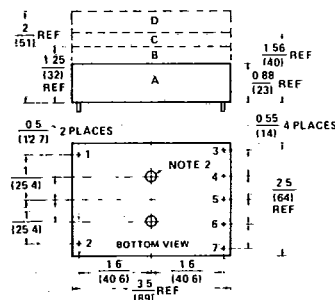
Output Voltage (Vdc)	Output Current (mA)	Regulation Line (o/o)	Regulation Load (o/o)	Package	Model Number
+5/ $\pm 7,5$	+500/ ± 200	0,01 0,01	0,1 0,05	5B	586AT
+5/ ± 12	+225/ ± 40	0,01 0,01	0,1 0,05	5B	592AT
+5/ ± 12	+300/ ± 150	0,01 0,01	0,1 0,05	5B	594AT
+5/ ± 12	+500/ ± 100	0,01 0,01	0,1 0,05	5B	595AT
+5/ ± 12	+750/ ± 100	0,01 0,01	0,2 0,05	5C	593AT
+5/ ± 12	+1000/ ± 100	0,01 0,01	0,2 0,05	5D	588AT
+5/ ± 12	+1000/ ± 150	0,01 0,01	0,2 0,05	5D	589AT
+5/ ± 15	+225/ ± 40	0,01 0,01	0,1 0,05	5B	596AT
+5/ ± 15	+300/ ± 150	0,01 0,01	0,1 0,05	5B	598AT
+5/ ± 15	+500/ ± 100	0,01 0,01	0,1 0,05	5B	599AT
+5/ ± 15	+750/ ± 100	0,01 0,01	0,2 0,05	5C	597AT
+5/ ± 15	+1000/ ± 100	0,01 0,01	0,2 0,05	5D	590AT
+5/ ± 15	+1000/ ± 150	0,01 0,01	0,2 0,05	5D	591AT

Available upon request, please consult factory: other voltages and currents, different pin configurations.

* Option: suffix A for 105-125 VAC input voltage.



MECHANICAL INFORMATION



PACKAGE 5 BOTTOM VIEW

CONNECTIONS

- PIN 1 AC in
2 AC in
3 Common out*
4 +5Vdc out (logic)
5 -Vdc out (Analog)
6 Common out*
7 +Vdc out (Analog)

*Pins 3 and 6 are Internally Connected

NOTES:

- Seven Pins 0.040 (1.0) Dia x 0.20 (5.1) Lg Min
- Two Mounting Inserts M3
- All Dimensions are in Inches and (mm)

Specifications subject to change without notice.

SOCKETS:
PACKAGE 5: KR 52.