

LOW COST, FIELD-PROVEN MINIATURE POWER SUPPLIES.

* 500AM SERIES

SHORT CIRCUIT PROTECTED
NO DERATING THROUGH 71°C
MTBF 150,000 HOURS AT 25°C

The 500AM series incorporate the same reliable design and manufacturing techniques used in the high performance 500 series. The smaller sized 500AM units use minimal P.C. board real estate and deliver moderate output levels while they are packaged to achieve the best possible utilization of space. This series is ideally suited to applications requiring high reliability, low cost and better than average line and load regulation.

GENERAL SPECIFICATIONS

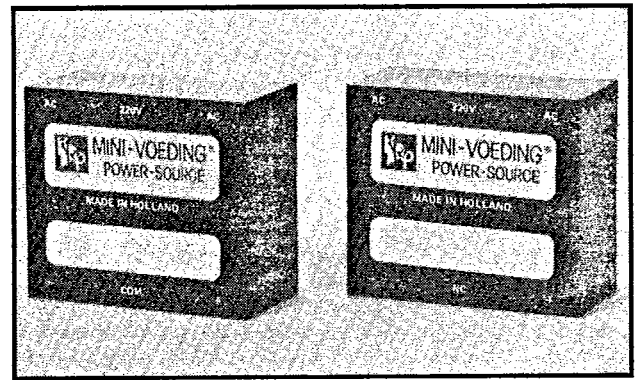
Input voltage and frequency	: 220 Vac $\pm 10\%$ /o/47–63Hz
Output voltage tolerance	: $\pm 5\%$ (fixed)
Ripple and noise	: 5 mV RMS
Temperature coefficient	: 0.02%/o/°C (typical)
Short circuit protection	: current limiting
MTBF	: 150,000 hours measured at 25°C, high line and full load
Isolation voltage	: >4000 Vdc
Isolation resistance	: >1000 Megohm
Coupling capacitance	: <100 pF
Leakage current	: <10 μ A
Operating case temperature range	: -25°C to +71°C
Storage temperature range	: -25°C to +85°C

ORDERING INFORMATION

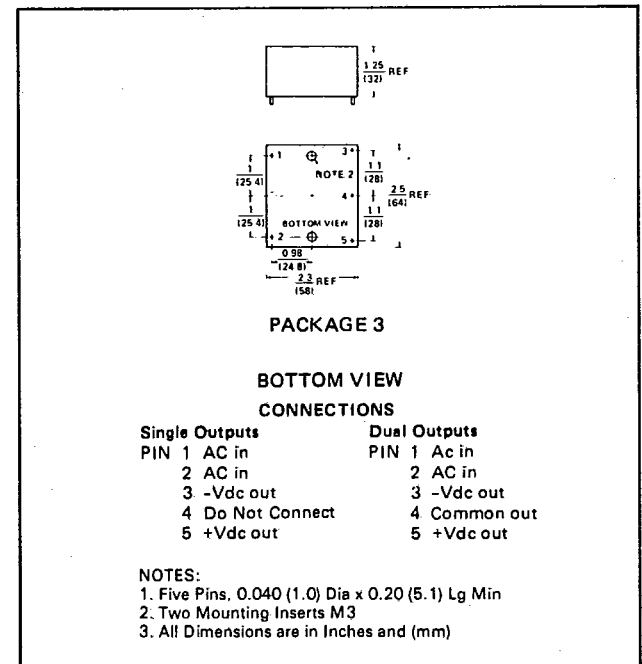
Output Voltage (Vdc)	Output Current (mA)	Regulation line (o/o)	load (o/o)	Package	Model Number
5	200	1	1	3	532AM
12	100	1	1	3	563AM
15	100	1	1	3	576AM
24	50	1	1	3	585AM
± 15	± 30	1	1	3	535AM
± 15	± 50	1	1	3	539AM

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

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



MECHANICAL INFORMATION



Specifications subject to change without notice.

SOCKETS:
PACKAGE 3: KR 3.