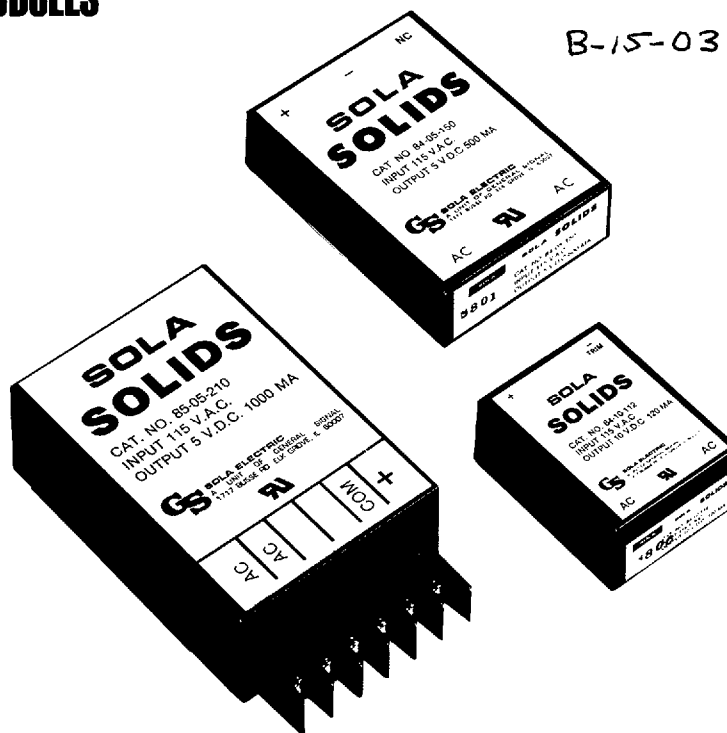


LINEAR ENCAPSULATED POWER MODULES

SOLA SOLIDS

T-57-05

B-15-03



Features

- Single, Dual, and Triple Output Models
- UL Recognized
- CSA Certified
- Printed Circuit Board Mounting or Chassis Mount
- Solid, Dependable, Rugged
- Full Two Year Warranty
- Plug-In Mating Sockets Available
- Automatic Overload Protection
- Fully Tested
- Operation at Rated Load from -25°C to $+50^{\circ}\text{C}$ Ambient
- Split Bobbin Wound Transformers

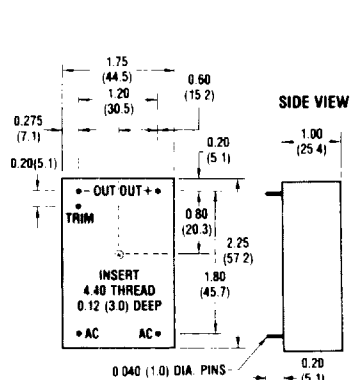
Applications

- Microprocessor Circuits
- CNC Machines
- Drives
- Process Controls
- Audio Amplifiers
- Instrumentation

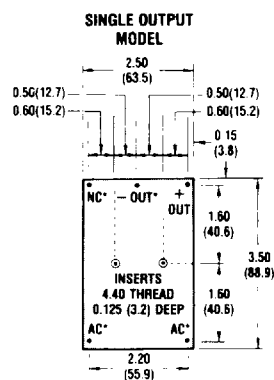
Specifications

PARAMETER	CONDITION	LIMIT
INPUT		
Input Voltage		115 VAC $\pm 10\%$ VAC
Input Frequency		50 to 400 Hz
OUTPUT		
Voltage Accuracy		$\pm 1.0\%$ MAX
Voltage Balance, Dual Outputs		$\pm 1.0\%$ MAX
Ripple and Noise		.5 to 2 mv RMS
Line Regulation		$\pm .05\%$
Load Regulation		$\pm .05\%$
Short Circuit Protection		Automatic
Overvoltage Crowbar	5V Outputs	6.2V Nominal
GENERAL		
Isolation Voltage		2500 VRMS
Isolation Capacitance		50 pF
Isolation Resistance		50 Megohms
Operating Temperature Range		-25°C to $+71^{\circ}\text{C}$
Derating, 50°C to 71°C		2.5%/°C
Storage Temperature Range		-25°C to $+85^{\circ}\text{C}$
Humidity, Non-condensing		20% to 95% RH
Cooling		Free Air Convection

Specifications are typical, contact factory for further information.

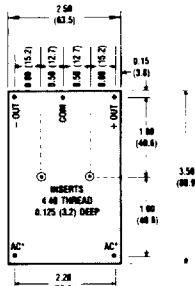


Case A

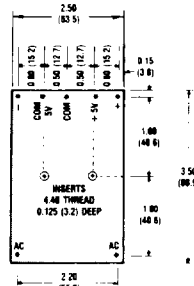


Case B

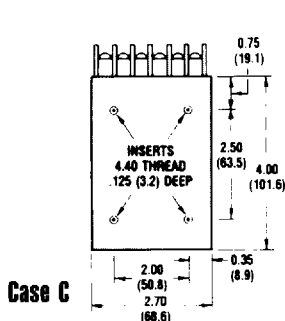
DUAL OUTPUT MODEL



TRIPLE OUTPUT MODEL

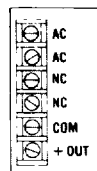


SIDE VIEW

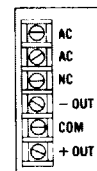


Case C

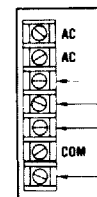
SINGLE OUTPUT MODELS



DUAL OUTPUT MODELS



TRIPLE OUTPUT MODELS



ALL DIMENSIONS IN INCHES (mm)

Selection Chart

MODEL NO.	OUTPUT 1	OUTPUT 2	OUTPUT 3	CASE
PRINTED CIRCUIT BOARD MOUNTING UNITS				
84-05-150*	5V @ 500mA	—	—	B1
84-05-210*	5V @ 1000mA	—	—	B2
84-05-220*	5V @ 2000mA	—	—	B3
84-10-112**	10V @ 120mA	—	—	A
84-12-110**	12V @ 100mA	—	—	A
84-15-110**	15V @ 100mA	—	—	A
84-24-050**	24V @ 50mA	—	—	A
84-12-2112*	12V @ 120mA	-12V @ 120mA	—	B1
84-12-2124	12V @ 240mA	-12V @ 240mA	—	B2
84-12-2140	12V @ 400mA	-12V @ 400mA	—	B3
84-15-2025*	15V @ 25mA	-15V @ 25mA	—	B1
84-15-2110*	15V @ 100mA	-15V @ 100mA	—	B1
84-15-2120*	15V @ 200mA	-15V @ 200mA	—	B2
84-15-2135*	15V @ 350mA	-15V @ 350mA	—	B3
84-15-13115	5V @ 1000mA	15V @ 150mA	-15V @ 150mA	B3
84-15-53110	5V @ 5000mA	15V @ 100mA	-15V @ 100mA	B2
CHASSIS MOUNT UNITS				
85-05-150	5V @ 500mA	—	—	C1
85-05-210	5V @ 1000mA	—	—	C1
85-05-220	5V @ 2000mA	—	—	C2
85-12-2124	12V @ 240mA	-12V @ 240mA	—	C1
85-12-2140	12V @ 400mA	-12V @ 400mA	—	C2
85-12-2110	15V @ 100mA	-15V @ 100mA	—	C1
85-15-2120	15V @ 200mA	-15V @ 200mA	—	C1
85-15-2135	15V @ 350mA	-15V @ 350mA	—	C2
85-15-2150	15V @ 500mA	-15V @ 500mA	—	C2
85-15-33115	5V @ 300mA	15V @ 150mA	-15V @ 150mA	C1
85-15-13115	5V @ 1000mA	15V @ 150mA	-15V @ 150mA	C2

*Mating Socket: 999-233

**Mating Socket: 999-234