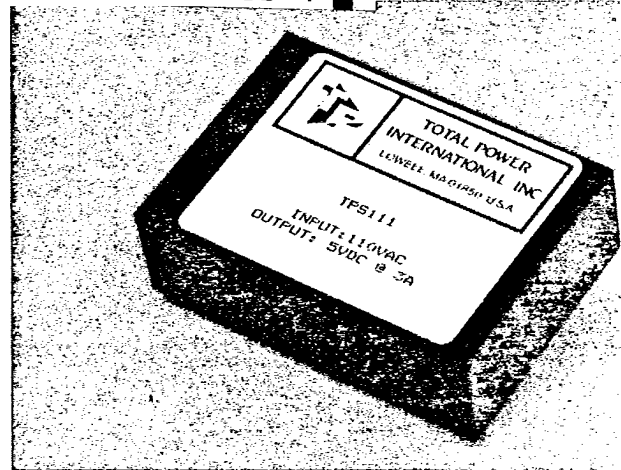


# 15 WATT SWITCHING AC/DC MODULES

## TPS100 SERIES

### Features:

- Excellent Regulation
- OVP on 5V Output
- 115 or 230VAC Output
- Short Circuit Protection
- PCB and Chassis Mount



### Specifications:

#### Input

Input Voltage	: 90 to 132VAC
	: 180 to 264VAC (Suffix "E")
Input Frequency	: 47 to 440Hz

#### Output

Voltage/Current Rating	: See Order Information Table
Voltage Tolerance	: $\pm 2.0\%$ (max)
Line Regulation	: $\pm 0.05\%$ (max)
Load Regulation	: $\pm 0.1\%$ (max)
Ripple and Noise	: 50mV (typ), 100mV (max) p-p
Dielectric Withstand	: for one minute
	: 1500VAC RMS input/output
Isolation Resistance	: 50meg ohms
Isolation Capacitance	: 50pF
Efficiency	: 70% (typ)
Switching Frequency	: 25kHz
Output Protection	: OVP Crowbar at 6.2V on +5V Models
	: Short Circuit Protection with Automatic Recovery

#### Environmental

Operating Temperature	: -25°C to 50°C (No Derating)
	: Derated to 50% at 50° to 70°C
Storage Temperature	: -25°C to 85°C
Cooling	: Convection
Temperature Coefficient	: $\pm 0.03\%/^{\circ}\text{C}$

#### Mechanical

Case Material	: Plastic
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### ORDER INFORMATION TABLE

Model Number	Output Voltage	Output Current	Figure
TPS111	5VDC	3.0A	1
TPS112	12VDC	1.25A	
TPS113	15VDC	1.0A	
TPS114	±12VDC	±625mA	
TPS115	±15VDC	±500mA	
TPS111T	5VDC	3.0A	2
TPS112T	12VDC	1.25A	
TPS113T	15VDC	1.0A	
TPS114T	±12VDC	±625mA	
TPS115T	±15VDC	±500mA	

Fig. 1

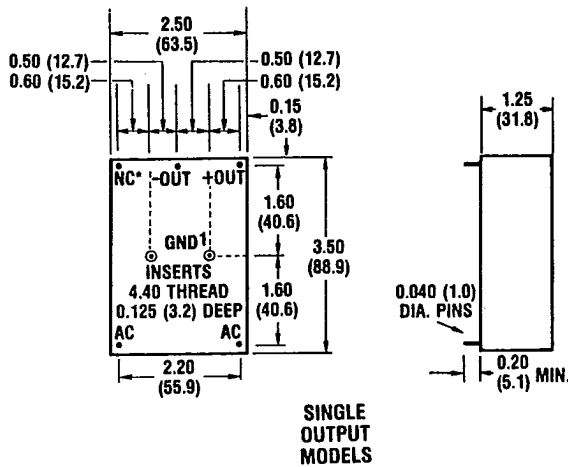
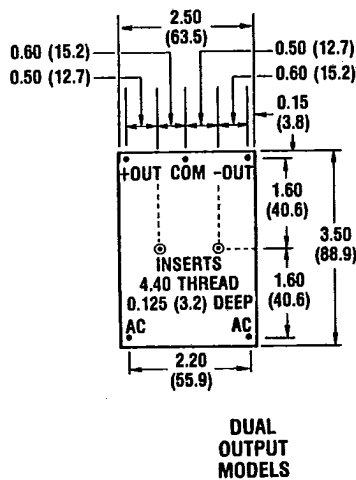
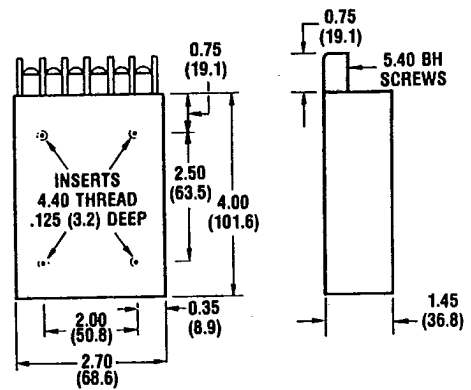
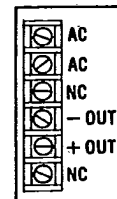


Fig. 2



SINGLE OUTPUT MODELS



DUAL OUTPUT MODELS

