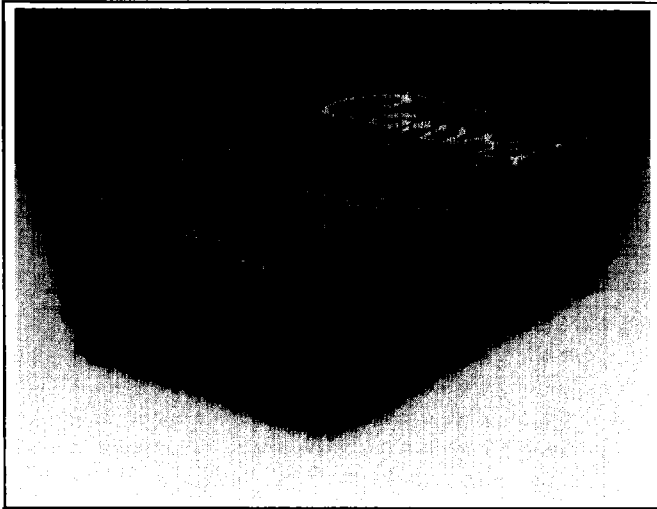


## 15 TO 25 WATT AC-DC SWITCHING MODE AC-DC MODULE CUS100/200 SERIES SINGLE & DUAL OUTPUTS



- 60 - 75% Efficiency
- Excellent Regulation
- OVP on 5 V Output
- 115 or 230 VAC Input
- Short Circuit Protection
- Internal Input Filter

### SPECIFICATIONS

All Specifications Typical at Nominal Line, Full Load and 25 C Unless Otherwise Noted

### OUTPUT SPECIFICATIONS

Voltage Accuracy .....	±2.0% max.
Temperature Coefficient	
CUS100 Series .....	±0.03%/ C
CUS200 Series .....	±0.02%/ C
Warm up Drift, CUS111, CUS111T .....	±0.5% other
CUS100 Series .....	±0.2%
CUS200 Series .....	±0.4% max.
Overvoltage Crowbar .....	6.2V
Short Circuit Protection .....	Automatic

### INPUT SPECIFICATIONS

Input Voltage Range	
CUS100 Series .....	90 VAC to 130 VAC
CUS200 Series .....	100 VAC to 130 VAC
CUS100 Series "E" Suffix .....	180 VAC to 260 VAC
CUS200 Series "E" Suffix .....	200 VAC to 260 VAC
Input Frequency CUS100 Series .....	50 to 400 Hz
CUS200 Series .....	47 to 400 Hz
Input Filter CUS200 Series .....	Pi Network & Balun

### GENERAL SPECIFICATIONS

Efficiency, CUS111, CUS111T .....	60%
Other CUS100 Series .....	70%
CUS200 Series .....	75%
Isolation Voltage	
CUS111, CUS111T .....	2000 VAC RMS min.
Other CUS100 Series .....	1500 VAC RMS min.
CUS200 Series	
115 VAC Input .....	900 VAC RMS min.
230 VAC Input .....	1500 VAC RMS min.
Isolation Capacitance, CUS100 Series .....	50 pF
Isolation Capacitance, CUS200 Series .....	100 pF
Isolation Resistance .....	50 megaohms
Switching Frequency .....	25 kHz

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range .....	-25 C TO +71 C
Derating, 50 C TO 70 C .....	2.5%/ C
Storage Temperature Range .....	-25 C to +85 C
Humidity, Non-Condensing .....	20% to 95% RH
Cooling .....	Free-Air Convection

### PHYSICAL SPECIFICATIONS

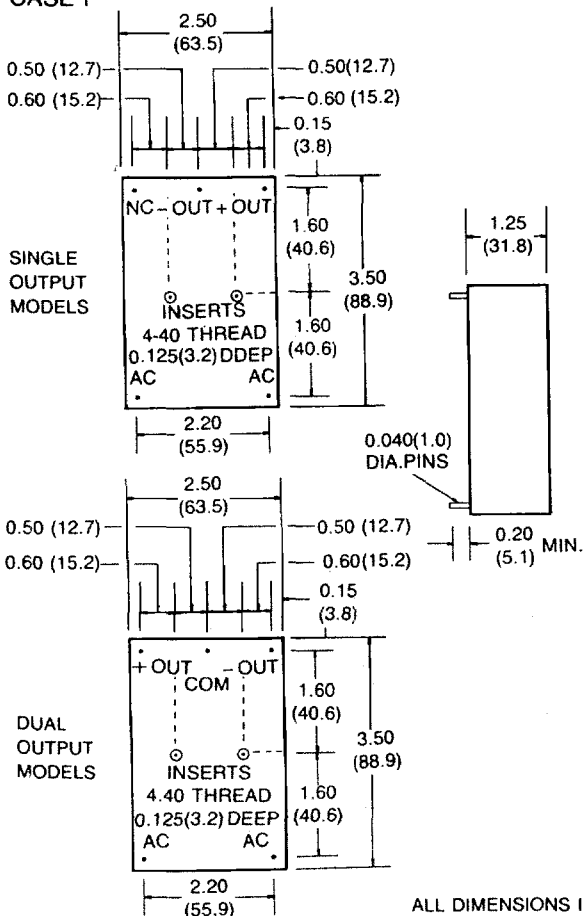
Case Material ..... Non-Conductive Black Plastic

Input Voltage	Suffix
115 VAC	NONE
230 VAC	E

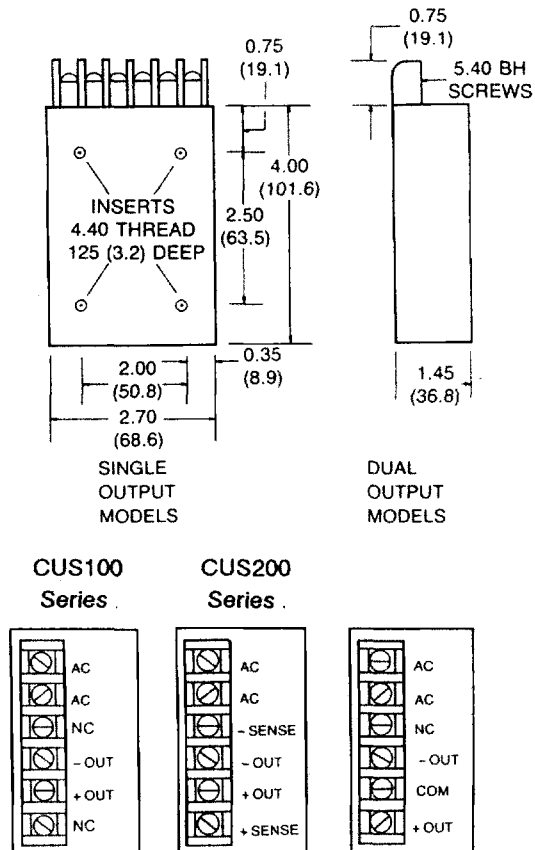
## 15 TO 25 WATT AC-DC SWITCHING MODE AC-DC MODULE CUS100/200 SERIES SINGLE & DUAL OUTPUTS

OUTPUT VOLTAGE	OUTPUT CURRENT	OVP	REGULATION		RIPPLE & NOISE	INPUT FILTER & SHIELD	REMOTE SENSE	CASE	MODEL NUMBER
			LINE	LOAD					
<b>15 WATT PC MOUNTABLE</b>									
5 VDC	3.0 A	*	±0.05%	±0.1%	50 mV P-P			I	CUS111
12 VDC	1.25 A		±0.05%	±0.1%	50 mV P-P			I	CUS112
15 VDC	1.0 A		±0.05%	±0.1%	50 mV P-P			I	CUS113
±12 VDC	±625 mA		±0.05%	±0.1%	50 mV P-P			I	CUS114
±15 VDC	±500 mA		±0.05%	±0.1%	50 mV P-P			I	CUS115
<b>15 WATT CHASSIS MOUNTABLE</b>									
5 VDC	3.0 A	*	±0.05%	±0.2%	100 mV P-P			H	CUS111T
12 VDC	1.25 A		±0.05%	±0.1%	100 mV P-P			H	CUS112T
15 VDC	1.0 A		±0.05%	±0.1%	100 mV P-P			H	CUS113T
±12 VDC	±625 mA		±0.05%	±0.1%	100 mV P-P			H	CUS114T
±15 VDC	±500 mA		±0.05%	±0.1%	100 mV P-P			H	CUS115T
<b>25 WATT PC MOUNTABLE</b>									
5 VDC	5.0 A	*	±0.05%	±0.1%	100 mV P-P	*		I	CUS211
12 VDC	2.2 A		±0.05%	±0.1%	100 mV P-P	*		I	CUS212
15 VDC	1.8 A		±0.05%	±0.1%	100 mV P-P	*		I	CUS213
<b>25 WATT CHASSIS MOUNTABLE</b>									
5 VDC	5.0 A	*	±0.05%	±0.1%	100 mV P-P	*	*	H	CUS211T
12 VDC	2.2 A		±0.05%	±0.1%	100 mV P-P	*	*	H	CUS212T
15 VDC	1.8 A		±0.05%	±0.1%	100 mV P-P	*	*	H	CUS213T

CASE I



CASE H



ALL DIMENSIONS IN INCHES (MM)