



**TRI-MAG, Inc.**

**® your POWER Specialists**

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# UV405P SERIES

## 5 Watt Potted UNIVERSAL INPUT



### DESCRIPTION

Tri-Mag, Inc. UV405P Series, is a 5 watt switchers feature small size, low cost, high efficiency with universal input ranging from 85VAC to 270VAC without jumpers. This series is designed for PC Board mount.

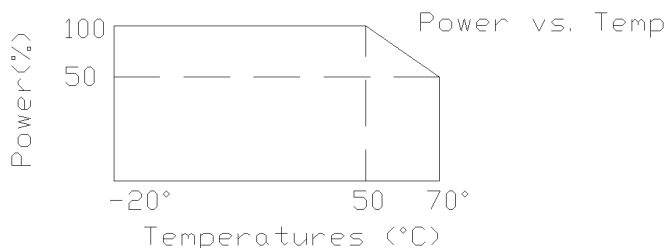
The Series has over load hiccup mode protection on all single and multiple outputs. The UV405P Series is designed in full compliance to UL 1950, CSA22.2 #234, and VDE EN60950.

### FEATURES

- 80 TO 270VAC Universal Input
- Innovative Mosfet Design
- Low Cost
- High Efficiency
- 100% Hi-Pot Test
- 100% Cycling On-Off Burn-In Test
- Built-in Line Filter to Meet FCC Class B

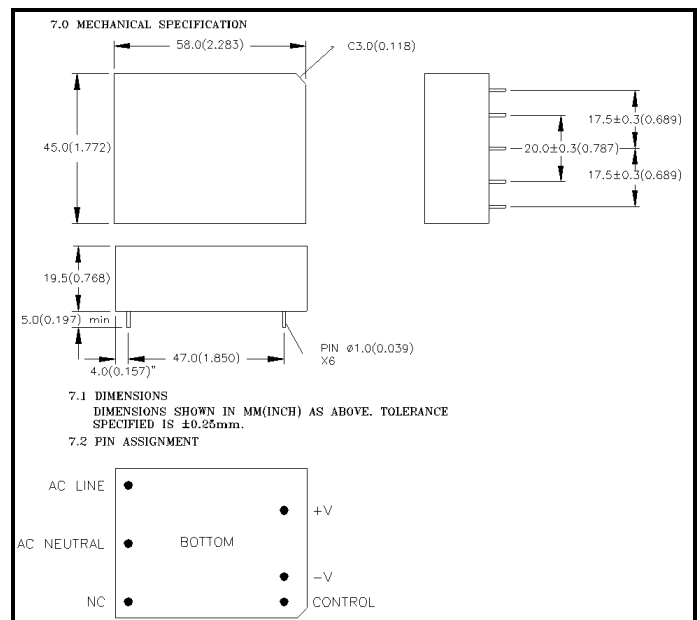
### APPLICATIONS

- Terminals
- Modems
- Printers & Plotters
- PC Board Mount



### GENERAL SPECIFICATIONS

Input Voltage.....	85VAC to 270VAC or 120VDC to 350VDC
Input Current.....	1 A AT 115VAC 0.6 A AT 230VAC
Input Frequency.....	47Hz to 63Hz
Inrush Current (cold).....	5A @ 115VAC 30A @ 230VAC
Operating Temperature.....	0 to 50°C
Storage Temperature.....	- 40°C to 85°C
Cooling.....	Free Air Convection
Efficiency.....	70% Typical
Holdup Time.....	16ms at 115VAC
Overvoltage Type.....	Crowbar Trip Point, 5.7V to 6.7V or Rated Output +2V
Overload Protection.....	Foldback at 150% laod
Output # 1 Voltage Adjustable.....	±10%
Switching Frequency.....	35KHz
Safety:	
Designed in full compliance with.....	UL 1950 CSA 22.2 #234 VDE EN60950
EMI.....	Meet FCC Class "B"



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Model	Voltage (Vdc)	Load (A)			Tolerance ±	Ripple & Noise	Regulation	
		Min.	Rate	Peak			Line	Load
UV405P-6	+5V	0	1	-	1%	50 mV	1%	1%
UV405P-7	+12V	0	0.45	-	1%	100 mV	1%	1%
UV405P-8	+15V	0	0.33	-	1%	150 mV	1%	1%
UV405P-9	+24V	0	0.25	-	1%	150 mV	1%	1%
UV405P-18	+3.3V	0	1.5	-	1%	50 mV	1%	1%

**Note: Contact factory for Safety Agency Approved status.**