



Features:

- 7.5W Small Compact Size
- Single Output - Regulated
- Output Range: 3.3V - 24VDC
- Low Standby Power <0.15W
- Fully Isolated Pri - Sec >4200Vrms
- Insulation: Class II
- Materials: UL94-V0
- Safety: EN61558, EN60950, CE, UL, CB

Part Number	Power Rating Watts	Output Voltage (VDC)	Output Current (mA)	Ambient Temp. (°C)	Efficiency Typical	Input Range
VTX-214-0075-103	7.5	3.3	2270	50	>74%	85 - 265VAC (120 - 370VDC)
VTX-214-0075-105	7.5	5	1500	70		
VTX-214-0075-109	7.5	9	830			
VTX-214-0075-112	7.5	12	625			
VTX-214-0075-115	7.5	15	500			
VTX-214-0075-118	7.5	18	420			
VTX-214-0075-124	7.5	24	310			
Note: Other output voltages are available upon request.						

Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
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Model: 7.5 Watt		Specification
INPUT Pin 1: L Pin 2: N	Rated Input Voltage	100 - 240V 50/60Hz
	Voltage Range	85 - 265VAC / 47 - 63Hz (120VDC - 370VDC)
	Current	300mA Typical under Load
	Inrush Current	20A Max (240VAC)
	No Load power	0.15W Max
	Leakage Current	0.3mA Max
OUTPUT Pin 3: DC+ Pin 4: DC-	Voltage Accuracy	+/-3%
	Ripple	200mV (Vp-p) Typical
	Noise	<1% Vout Max (Vp-p)
	Efficiency	>74%
	Minimum Load	0
Protection	Over Power	Hiccup mode
	Over Temperature	130-150°C, shut off output voltage, it will recover automatically after the temperature turn to normal
	Short Circuit Protection	Hiccup mode
Dielectric Isolation	Input to Output	4200Vrms, 5mA 1 Min
Environment	Operating Temperature	-20°C - +70°C (Full Load)
	Storage Temperature	-40°C - +105°C
	Humidity	10 - 95% RH
	MTBF	>550,000Hrs @ 25°C (MIL-HDBK-217F)
	Weight	58g
Safety	Agency Approval	EN62368, EN60335, EN61558-2-6, EN61558-2-17, TUV, CB
EMC	EMI	Compliance with EN55032, EN55014 Class B
	EMS	Compliance with EN61000-3-2 Class A, EN61000-3-3, EN61000-4-2,3,4,5,6,11

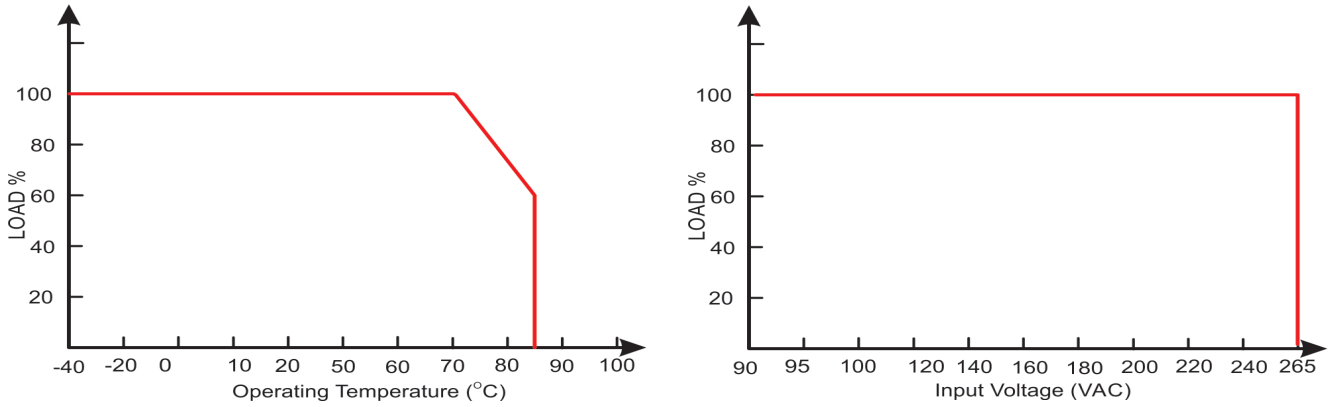
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Vigortronix, 16 De Havilland Way, Witney, Oxfordshire, OX29 0YG, UK

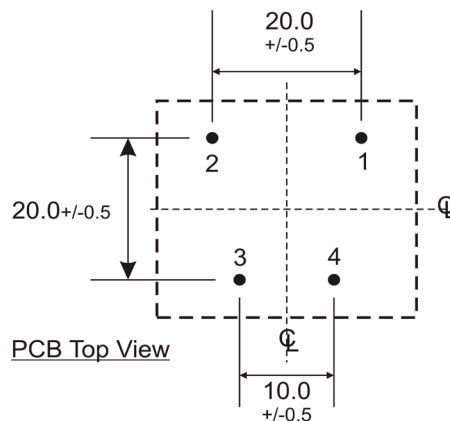
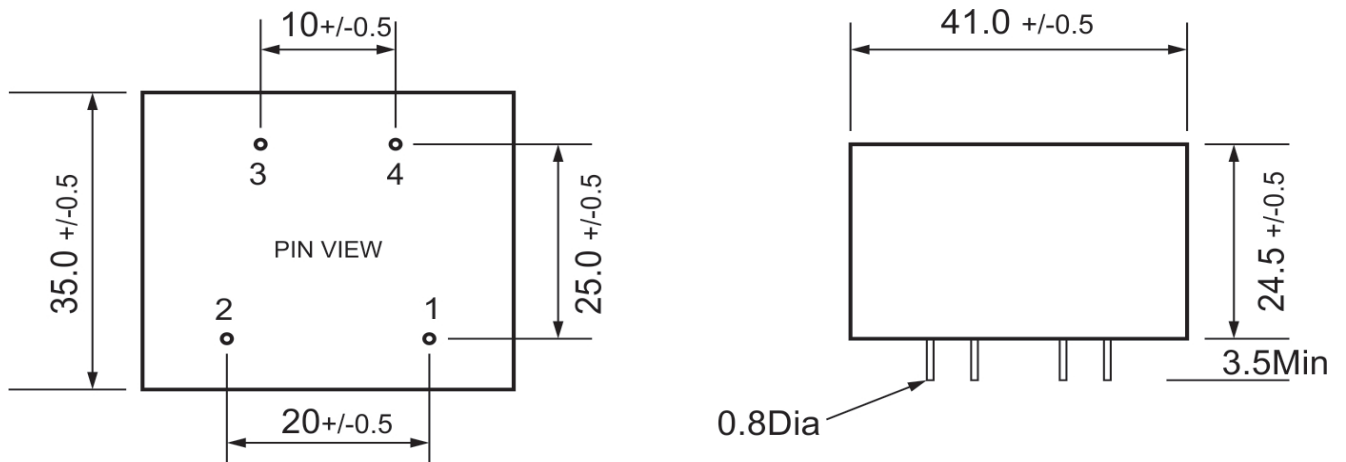
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Derating Graph



Dimensions



Recommended PCB Hole size: 1.5mm Dia.

Pins 1&2: AC/DC Input
 Pin 3: Output DC +V
 Pin 4: Output DC 0V

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