



Features:

- 1W Low Profile <14.5mm Height
- Compact Size - PCB Mount
- Single Output - Regulated
- Input: 90 - 308VAC , 47 - 63Hz
- Output Range: 3.3V - 48VDC
- Low Standby Power <0.3W
- Low Ripple & Noise
- Fully Isolated Pri - Sec >4200Vrms
- Insulation: Class II
- Materials: UL94-V0
- Safety: EN61558, EN60950, CE

Part Number	Power Rating Watts	Output Voltage (VDC)	Output Current (mA)	Ambient Temp. (°C)	Efficiency Typical	Voltage Range
VTX-214-001-203	1	3.3	300	70	>60%	90 - 308VAC
VTX-214-001-205	1	5	200			
VTX-214-001-206	1	6	167			
VTX-214-001-207	1	7.5	133			
VTX-214-001-208	1	8	125			
VTX-214-001-209	1	9	111			
VTX-214-001-210	1	10	100			
VTX-214-001-212	1	12	85			
VTX-214-001-215	1	15	67			
VTX-214-001-218	1	18	55			
VTX-214-001-224	1	24	42			
VTX-214-001-248	1	48	21			

Note: Other output voltages are available upon request.

Optional Universal PCB mounting kit.

Part Number:

VTX-214-PCB1



Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
The information contained in this document is subject to change without notice.

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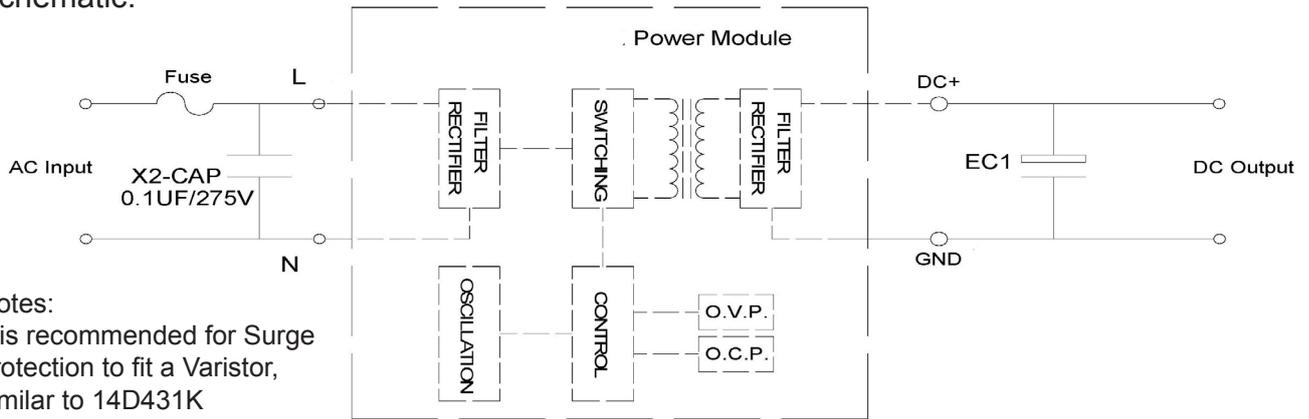
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Vigortronix is a trading name of Vigortronix (UK) Limited

Model: 1 Watt		Specification
INPUT Pin 2: L Pin 1: N	Voltage Range	90 ~ 308VAC / 47 ~ 63Hz
	Current	100mA Max (100VAC) / 70mA Max (240VAC)
	Inrush Current	15A Max (100VAC) / 25A Max (240VAC)
	No Load power	0.3W Max
	Leakage Current	0.2 mA Max
OUTPUT Pin 5: DC+ Pin 4: GND	Voltage Accuracy	<5%
	Ripple	<50mV Max (Vp~p)
	Noise	<1% Vout Max (Vp~p)
	Efficiency @ 230VAC	>60%
	Minimum Load	0
Protection	Over Power	Hiccup mode
	Over Voltage	Hiccup mode
	Short Circuit Protection	Hiccup mode
Dielectric Isolation	Input to Output	3600Vrms, 5mA 1 Min (4200VAC 2sec)
Environment	Operating Temperature	-25°C ~ +70°C (+80°C, 40% Load)
	Storage Temperature	-40°C ~ +105°C
	MTBF	>300,000Hrs @ 25°C (MIL-HDBK-217F)
	Weight	18g
Safety	Agency Approval	Compliance with IEC60950-1, EN60950-1, EN61558-1, EN61558-2-6, EN61558-2-17
EMC	EMI	Compliance with EN55022 Class B
	EMS	Compliance with EN55024, EN55014-1, EN55014-2, EN61000-3-2 Class A, EN61000-3-3

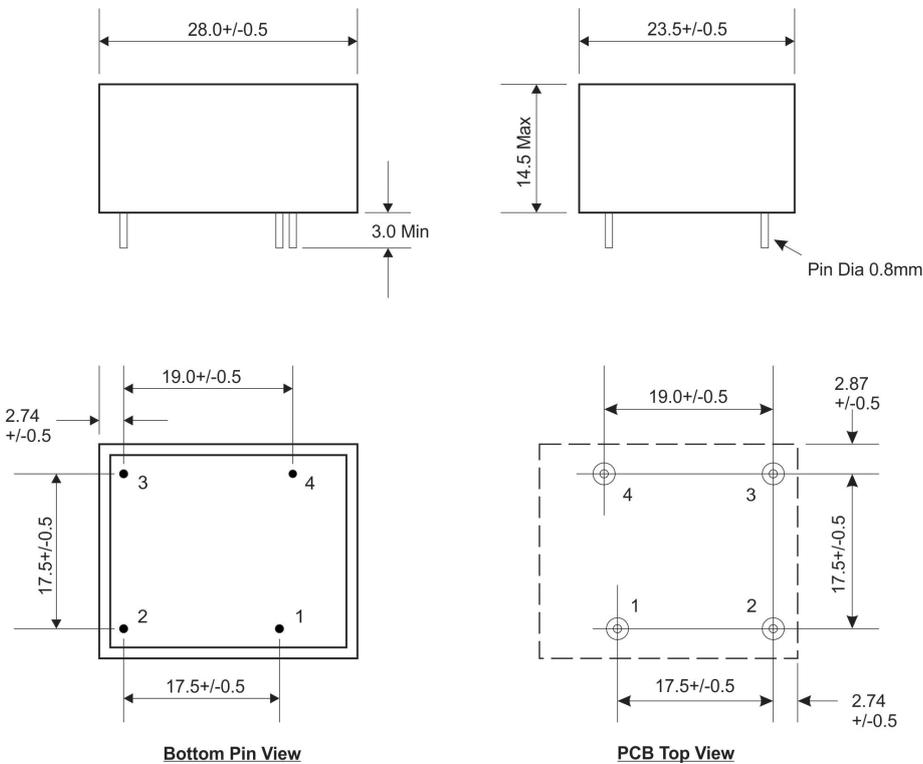
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Schematic:



Notes:
It is recommended for Surge protection to fit a Varistor, similar to 14D431K

Dimensions:



Pin Designation.

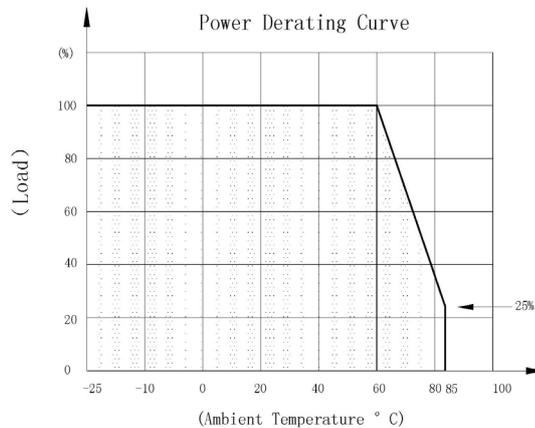
- Pin 1: GND, Output Voltage Common
- Pin 2: +V, Output Voltage Positive
- Pin 3: N, AC Input Neutral
- Pin 4: L, AC Input Line

Notes:
Recommended PCB
Hole size: 1.5mm Dia.

Case Outline Maximum Size 29.0 x 24.2mm

Unit weight: 18g

Derating Graph:



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