



Features:

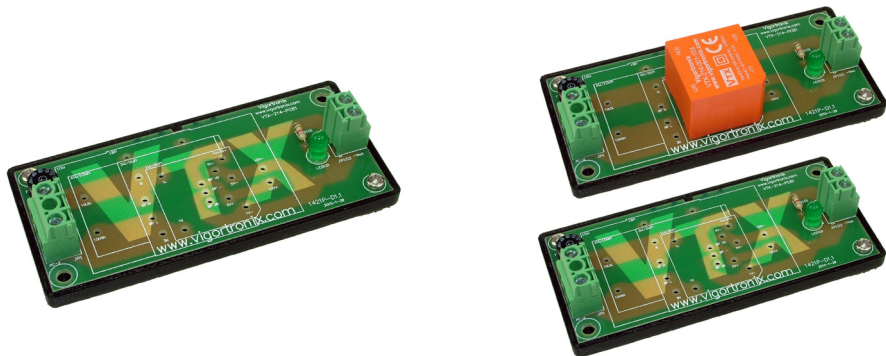
- 2W Low Profile <15.5mm Height
- MTBF: 1,000,000 Hours
- Wide Input Range: 90 - 305VAC
- Low Standby Power <0.15W
- High Temperature 85°C Full Load
- EMC Compliant - No External Components
- TUV, EN62368-1, EN61558-2-16
- UL File No. E472059

Part Number	Power Rating Watts	Output Voltage (VDC)	Output Current (mA)	Ambient Temp. (°C)	Efficiency Typical	Voltage Range
VTX-214-002-303	2	3.3	600	85	>72%	90 - 305VAC
VTX-214-002-305	2	5	400			
VTX-214-002-306	2	6	333			
VTX-214-002-307	2	7.5	266			
VTX-214-002-308	2	8	250			
VTX-214-002-309	2	9	222			
VTX-214-002-310	2	10	200			
VTX-214-002-312	2	12	166			
VTX-214-002-315	2	15	133			
VTX-214-002-318	2	18	111			
VTX-214-002-324	2	24	83			
VTX-214-002-348	2	48	42			

Note: Other output voltages are available upon request.

Optional Universal PCB mounting kit.

Part Number:
VTX-214-PCB1

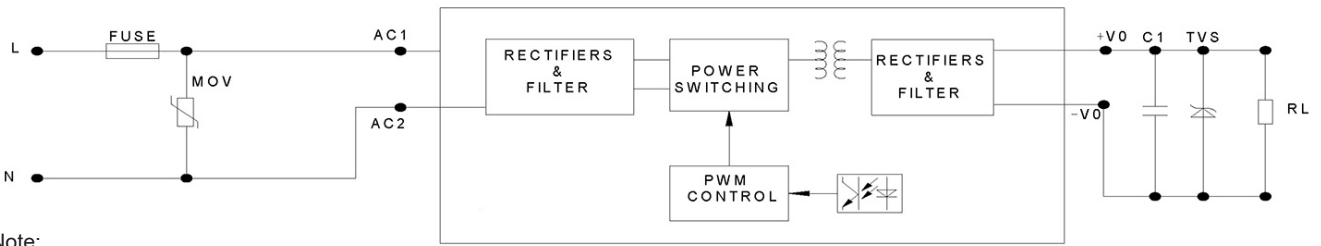


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The information contained in this document is subject to change without notice.

Model: 2 Watt		Specification
INPUT Pin 1: L Pin 2: N	Voltage Input Range	85 ~ 305VAC (100 ~ 430VDC)
	Voltage Rating	100 ~ 277VAC
	Frequency (Hz)	47 ~ 63
	Current	3.5W Max (100VAC/240VAC)
	Inrush Current	5A Max (100VAC) / 10A Max (240VAC)
	No Load power	0.15W Max
	Leakage Current	0.2 mA Max
OUTPUT Pin 4: DC+ Pin 3: 0V	Voltage Accuracy	±3% (3.3VDC 5%)
	Ripple	3% Vout (Vp~p) (3.3VDC 5%)
	Noise	3% Vout (Vp~p) (3.3VDC 5%)
	Efficiency @ 230VAC	>72%
	Minimum Load	0
Protection	Over Power	Hiccup mode
	Over Voltage	Hiccup mode
	Short Circuit Protection	Hiccup mode
Dielectric Isolation	Input to Output	3600Vrms
Environment	Operating Temperature	-25°C ~ +85°C (See Derating Curve)
	Storage Temperature	-40°C ~ +105°C
	MTBF	>1,000,000Hrs @ 25°C (MIL-HDBK-217F)
	Weight	29g
Safety	Agency Standards	Compliance with EN61558-1, EN61558-2-16, UL/EN62368-1
EMC	EMI	Compliance with EN55032 Class B, EN61000-3-2, 3
	EMS	Compliance with EN55035

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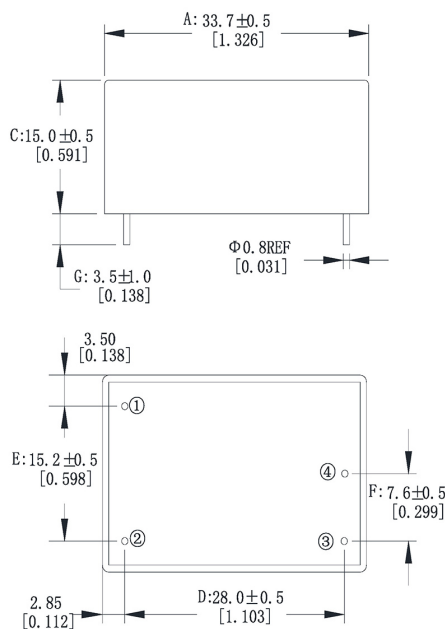
Converter Schematic



Note:
A fuse is recommended on the input
Type: 1A/310V Slow Blow
MOV: 14D561K

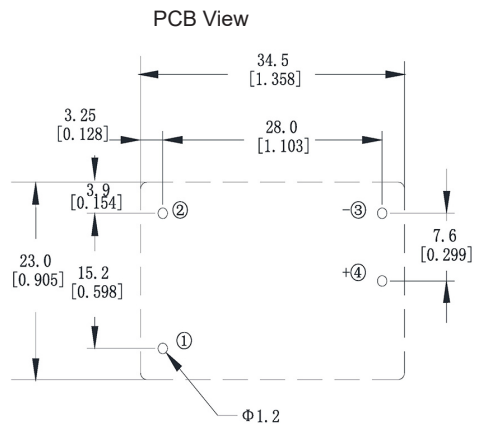
Note: C1 and TVS are optional

Dimensions:



PIN VIEW (Bottom)

NO.	Pin connect	Function
1	AC/L	AC Input line
2	AC/N	AC Input Neutral
3	DC-	Output Negative
4	DC+	Output Positive

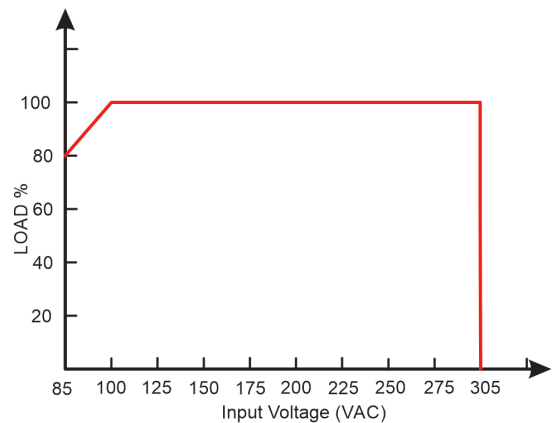
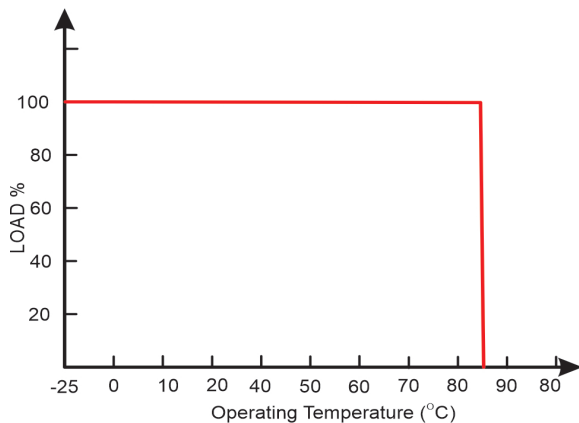


Typical Label layout



Derating Graph:

Unit weight: 29g



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