



Features:

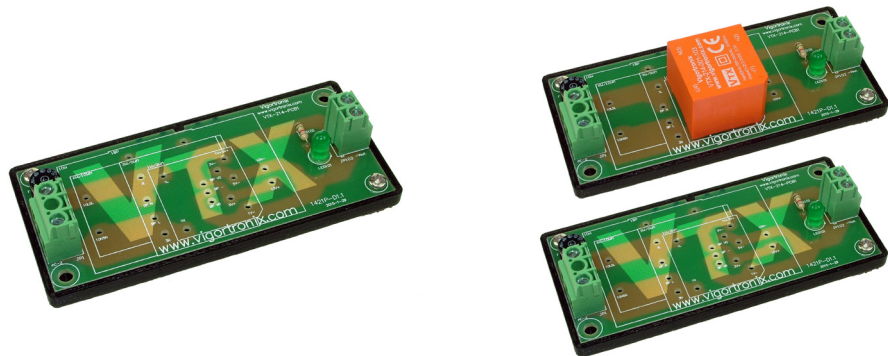
- 3W Low Profile <15.5mm Height
- MTBF: 1,000,000 Hours
- Wide Input Range: 90 - 305VAC
- Low Standby Power <0.15W
- High Temperature 85°C Full Load
- EMC Compliant - No External Components
- TUV, EN62368-1, EN61558-2-16
- UL File No. E472059

Part Number	Power Rating Watts	Output Voltage (VDC)	Output Current (mA)	Ambient Temp. (°C)	Efficiency Typical	Voltage Range
VTX-214-003-303	3	3.3	900	85	>72%	90 - 305VAC
VTX-214-003-305	3	5	600			
VTX-214-003-306	3	6	500			
VTX-214-003-307	3	7.5	400			
VTX-214-003-308	3	8	375			
VTX-214-003-309	3	9	333			
VTX-214-003-310	3	10	300			
VTX-214-003-312	3	12	250			
VTX-214-003-315	3	15	200			
VTX-214-003-318	3	18	166			
VTX-214-003-324	3	24	125			
VTX-214-003-348	3	48	62			

Note: Other output voltages are available upon request.

Optional Universal PCB mounting kit.

Part Number:
VTX-214-PCB1

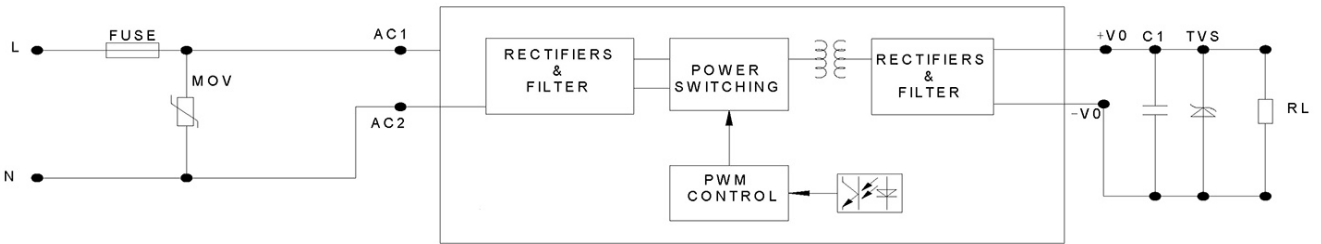


Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
The information contained in this document is subject to change without notice.

Model: 3 Watt		Specification
INPUT Pin 1: L Pin 2: N	Voltage Input Range	90 ~ 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 5: DC+ Pin 4: 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 ,1min (>4200Vrms, 2 sec Minimum)
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	24g
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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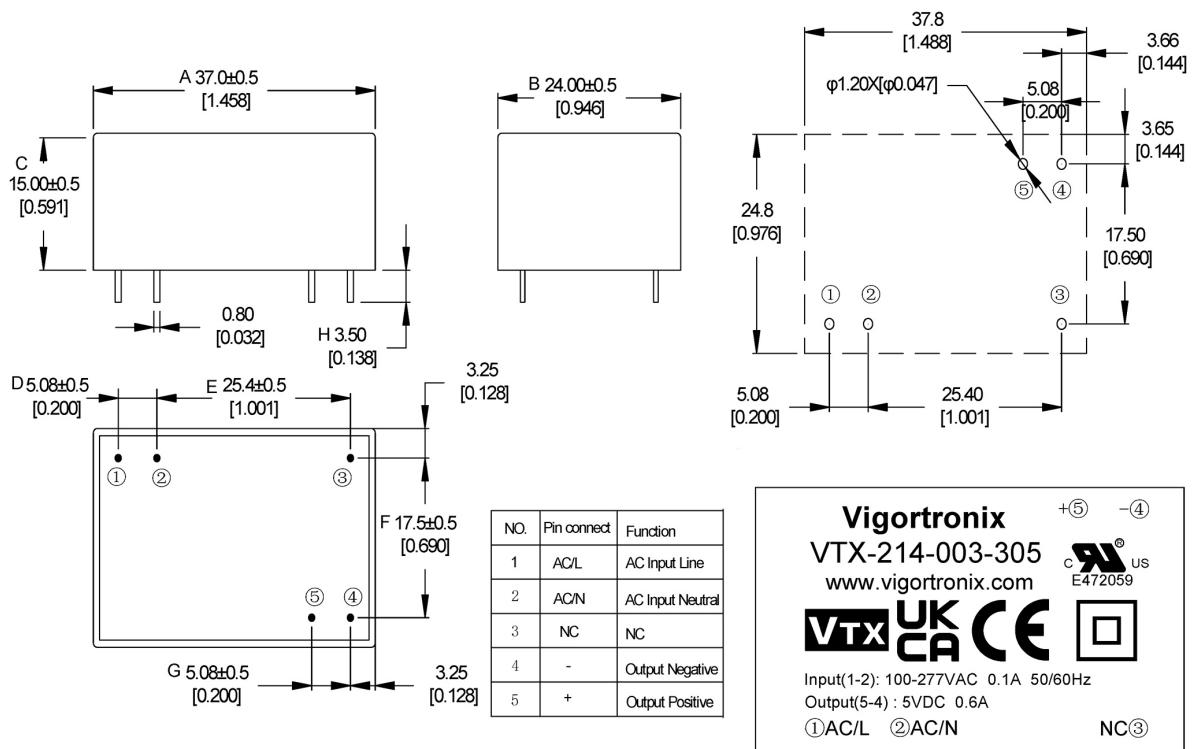
Converter Schematic



Note:
A fuse is recommended on the input
Type: 2A/300V Slow Blow
MOV: 14D561K

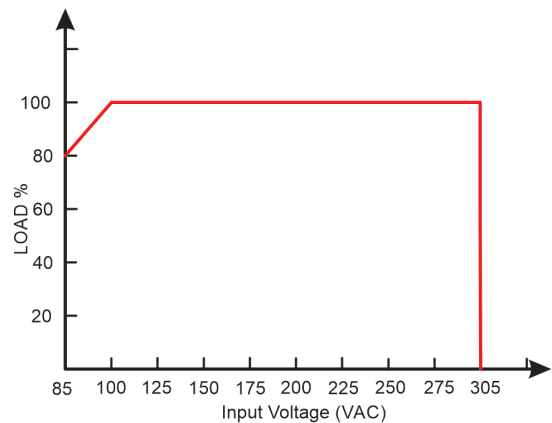
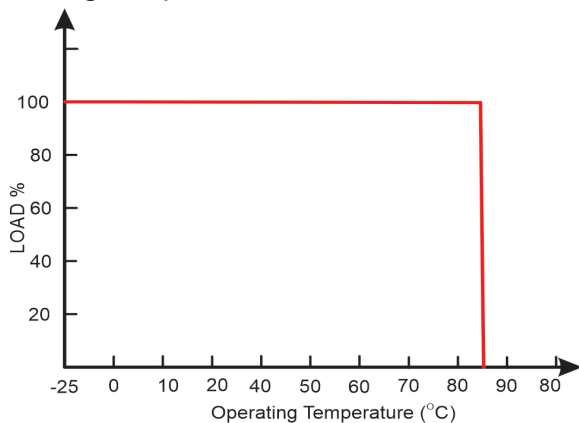
Note: C1 and TVS are optional

Dimensions:



Derating Graph:

Unit weight: 24g



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