



Features:

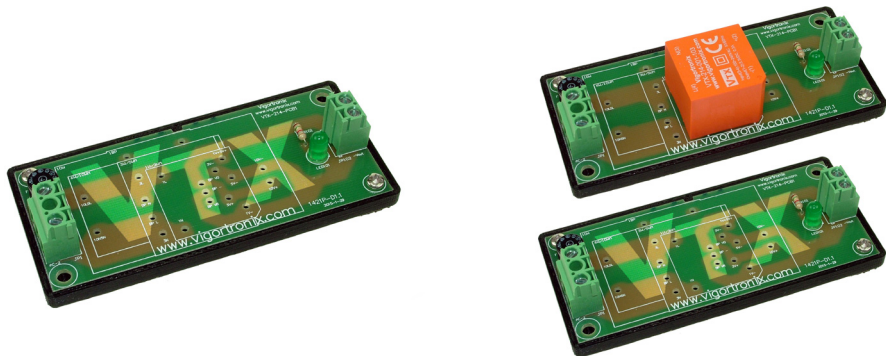
- 1W Low Profile <15.5mm Height
- MTBF: 1,000,000 Hours
- Wide Input Range: 85 - 305VAC, (100-430VDC)
- Low Standby Power <0.15W
- High Temperature 85°C Full Load
- EMC Compliant - No External Components
- TUV, EN62368-1, EN61558-2-16
- UL File No. E472059

Part Number	Power Rating Watts	Output Voltage (VDC)	Output Current (mA)	Ambient Temp. (°C)	Efficiency Typical	Voltage Range
VTX-214-001-303	1	3.3	300	85	>72%	85 - 305VAC (100-430VDC)
VTX-214-001-305	1	5	200			
VTX-214-001-306	1	6	166			
VTX-214-001-307	1	7.5	133			
VTX-214-001-308	1	8	125			
VTX-214-001-309	1	9	111			
VTX-214-001-310	1	10	100			
VTX-214-001-312	1	12	83			
VTX-214-001-315	1	15	66			
VTX-214-001-318	1	18	55			
VTX-214-001-324	1	24	42			
VTX-214-001-348	1	48	21			

Note: Other output voltages are available upon request.

Optional Universal PCB mounting kit.

Part Number:
VTX-214-PCB1

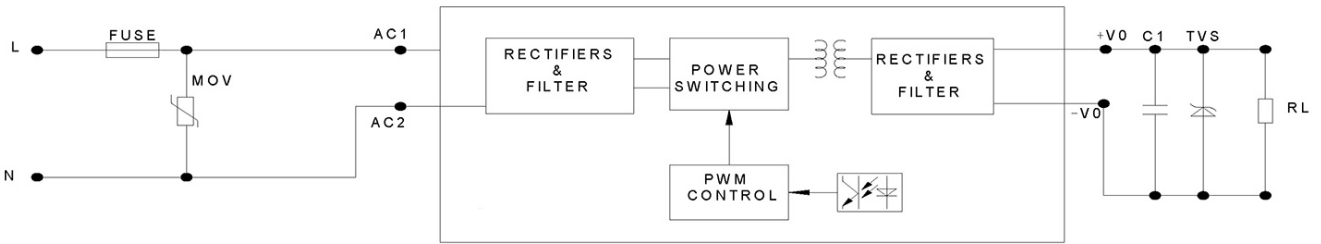


Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
The information contained in this document is subject to change without notice.

Model: 1 Watt		Specification
INPUT Pin 1: L Pin 2: N	Voltage Input Range	85 ~ 305VAC (100 ~ 430vdc)
	Voltage Rating	100 ~ 277VAC
	Frequency (Hz)	47 ~ 63Hz
	Current	200mA Max (100VAC) / 100mA Max (240VAC)
	Inrush Current	6A 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%)
	Line Regulation	±0.5%
	Load Regulation	±0.5%
	Ripple	200mV (Vp~p)
	Noise	200mV (Vp~p)
	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	20g
Safety	Agency Standards	Compliance with IEC60950-1, EN60950-1, IEC61558-1 EN61558-1, EN61558-2-6, EN61558-2-17, EN62368-1
EMC	EMI	Compliance with EN55032 Class B,
	EMS	Compliance with EN61000-3-2, Class A, (Surge L-N: 1KV),

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.

Converter Schematic



Note:

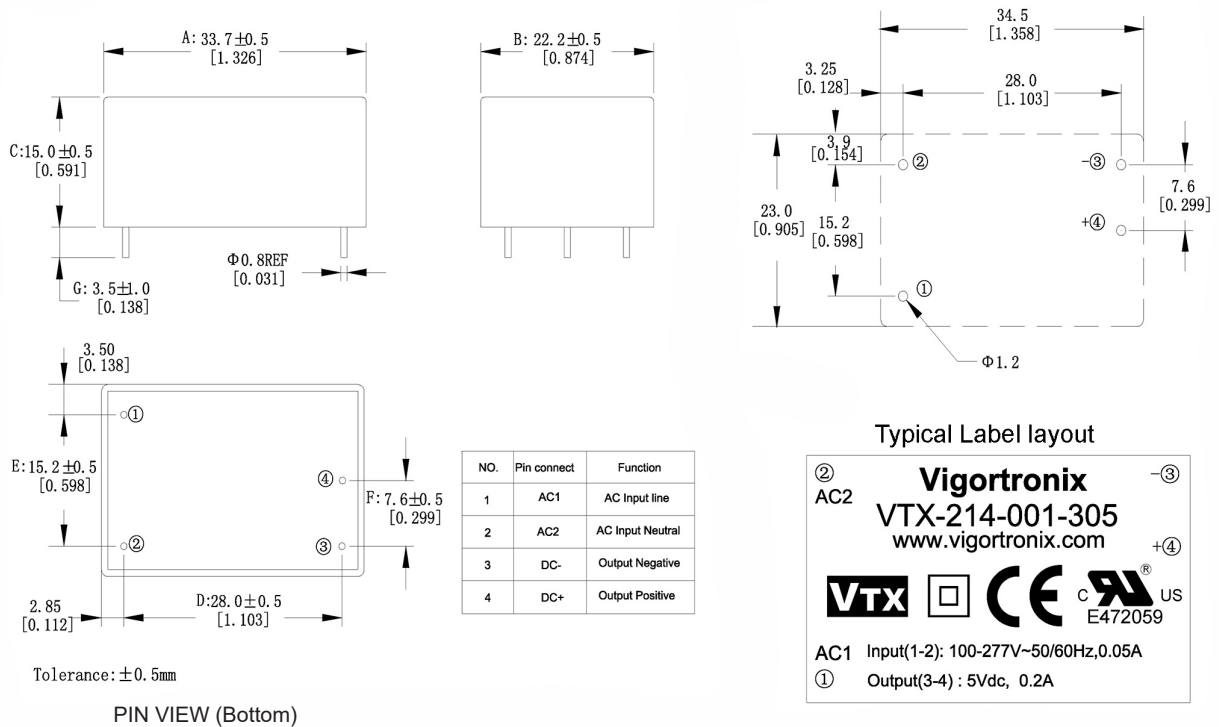
A fuse is recommended on the input

Type: 1A/310V Slow Blow

MOV: 14D561K

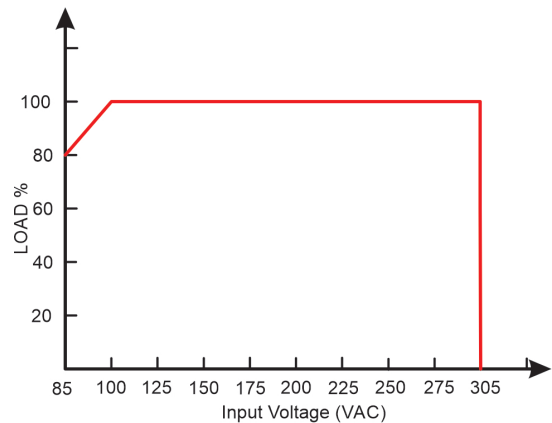
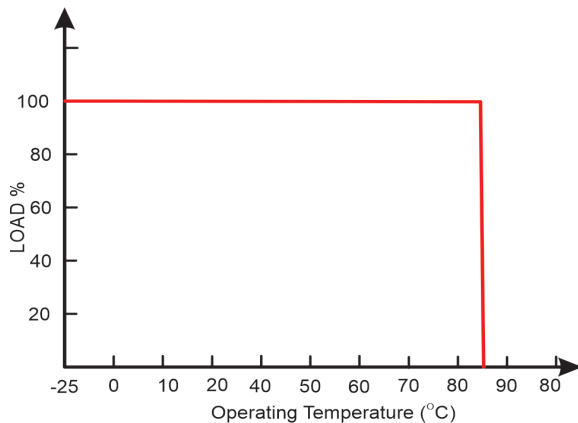
Note: C1 and TVS are optional

Dimensions:



Derating Graph:

Unit weight: 20g



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.