



Features:

- 15W Single Output - Regulated
- Output Range: 12V - 24VDC
- Input: 90 - 264VAC , 47 - 63Hz
- Low Standby Power
- Fully Isolated Pri - Sec 3000Vrms
- 100% Full Burn-in Test
- LED Indicator DC On, DC Low
- Approvals: UL

Part Number	Power Rating Watts	Output Voltage (Vdc)	Output Current (mA)	Ambient Temp. (°C)	Efficiency Typical	Input Range
VTX-211-015-112	15	12	1200	70	>80%	90 - 264VAC
VTX-211-015-115	15	15	1000			
VTX-211-015-124	15	24	650			
Note: Other output voltages are available upon request.						

Application:

- Process Control
- Factory Automation
- Traffic & Transportation System
- Industrial Applications

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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Model: 15Watt		Specification		
Model		VTX-211-015-112	VTX-211-015-115	VTX-211-015-124
OUTPUT	Voltage DC	12V	15V	24V
	Rated Power	15W	15W	15W
	Rated Current	1.25A	1A	0.65A
	Current Range	0 - 1.25A	0 - 1.0A	0 - 0.65A
	Voltage Tolerance	1%	1%	1%
	Voltage Adj. Range	11.6V - 12.3V	14.6V - 15.3V	23.5V - 24.5V
	Minimum Load	0	0	0
	Ripple / Noise Typical	12mV	14mV	15mV
	Line Regulation	1%	1%	1%
	Load Regulation	1%	1%	1%
	Rise Time (115VAC)	100mS	100mS	100mS
	Hold Up Time (115VAC)	20mS	20mS	20mS
	Note:	The ripple values are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with 0.1uF & 47uF parallel capacitor under ambient temperature 25°C at rated input voltage and rated load		
INPUT	Voltage Range	90 - 264VAC /	90 - 264VAC	90 - 264VAC
	Input Frequency	47 - 63Hz	47 - 63Hz	47 - 63Hz
	Efficiency	>80%	>80%	>83%
	Current	0.28A (115VAC) / 0.15A (230VAC)		
	Inrush Current	30A (115VAC) / 60A (230VAC)		
	Leakage Current	<0.25mA		
	No Load Power	1.7W		
Protection	Over Current	1.8A	1.8A	0.9A
	Over Voltage	18V	18V	30V
	Short Circuit Protection	Hiccup mode, it will recover automatically after fault condition is removed		
	Over Temperature	Over temperature protection value: 100±10°C		
	Surge Voltage (L - N)	2KV		
Dielectric Isolation	Isolation Voltage	I/P-O/P: 3KVac, I/P-FG: 1.5KVac, O/P-FG: 1.5KVac		
Environment	Operating Temperature	-25°C - +70°C (With Derating)		
	Operating Relative Humidity	Non Condensing 20 - 95%		
	Storage Temperature	-40°C - +85°C (Humidity 5 ~ 95% RH)		
	MTBF	>200,000Hrs @ 25°C (MIL-HDBK-217F)		
	Weight	200g		
	Cooling Method	Free Air Convection		
	Mounting	Vertical		
Safety	Compliant Standards	UL/IEC/EN60950-1		
EMC	EMI / EMS	EN 55022:2010+AC:2011 (CISPR 22:2008) ClassB EN 61000-3-2:2014 (IEC 61000-3-2:2014) EN 61000-3-3:2013 (IEC 61000-3-3:2013) EN 55024:2010 (CISPR 24:2010)		

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